State Tax Department of West Virginia

Charleston 25305

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April 30, 1986

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OFFICE OF WEST VIRGINIA
SECRETARY OF STATE

Honorable Ken Hechler
Secretary of State
State Capitol, Suite 157-K
Charleston, West Virginia 25305

Dear Mr. Hechler:

On March 13, 1984, we filed in the State Register two copies of promulgated legislative rules regarding the appraisal of property for periodic statewide reappraisals for ad valorem property tax purposes. These regulations are cited as W. Va. Leg. Reg. 11-1A, Series 1A (effective April 12, 1984). These regulations were filed pursuant to the authority of West Virginia Code § 64-2-11(a)(11) which was added by Committee Substitute for Senate Bill No. 425 which took effect on March 10, 1984.

The above regulations required that on or before April 30 of each year, certain information be filed in the State Register relating to certain factors to be considered in the valuation of oil and natural gas properties. More specifically, the subject matter of the attachments and its relationship to the promulgated regulations may be described as follows:

I. Oil Producing Property Report - Multipliers.

1. For use in the valuation of producing oil properties as defined in § 11.05(d)(1), page 34 of the regulations.

2. This information is provided pursuant to regulations set forth in § 11.05(b), on pages 33 and 34.

II. Natural Gas Producing Property Report - Multipliers.

1. For use in the valuation of producing natural gas properties as defined in § 11.06(d)(1), page 56 of the regulations.

2. This information is provided pursuant to regulations set forth in § 11.06(b), on pages 55 and 56.

III. Assigned Oil and Natural Gas Reserves Report.

1. For use in the valuation of assigned oil and natural gas reserve properties as defined in § 11.05(d)(2), on page 34, and § 11.06(d)(2), on page 56 of the regulations.

2. This information is provided pursuant to regulations set forth in § 11.05(b), on pages 33 and 34, and § 11.06(b), on pages 55 and 56.

The State Tax Department will accept written public comments on these reports until May 30, 1985, and will consider these reports and the public comments when it issues the final reports. These final reports will be issued on or before July 1, 1985.

We note that under the regulations cited [§ 11.05(b), 11.05(g), 11.06(b), 11.06(g)], the Tax Commissioner is required to annually conduct a review of oil and natural gas agreements transacted prior to the appraisal date. Although the base year for the reappraisal is 1983, these reports will include some transactional information for the years 1984, 1985 and 1986. This additional lease data is being filed to inform the property owners that upon implementation of the reappraisal possible updates in values which reflect more recent transactions will be considered.

Very truly yours,

Michael E. Caryl
State Tax Commissioner

MEC/sbs

Enclosure

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III. Assigned Oil and Natural Gas Reserve Report

I. Oil Producing Property Report - Multipliers

In compliance with W. Va. Leg. Reg. 11-1A, Series 1A § 11.05(b), page 33 (1984), this report contains the multipliers which are to be used for the valuation of the oil reserves for oil producing property.

Multiplier

The multiplier serves to combine mathematically the effects of the average daily production rate, average industry market price of oil, average industry well operating expense, working and royalty interest, flush and settled production, average production decline rate and a capitalization rate. This multiplier will not be constant for all oil producing properties. The multipliers are to be used for oil producing properties.

Separate multipliers are derived for each of the following twelve (12) categories:

1. Working interest in settled production for average daily production between 0 and .750 barrels per day of oil.

2. Working interest in settled production for average daily production of between .751 and 2.000 barrels per day.

3. Working interest in settled production for average daily production of more than 2.000 barrels per day.

4. Working interest in flush production for average daily production of between 0 and .750 barrels per day.

5. Working interest in flush production for average daily production of between .751 and 2.000 barrels per day.

6. Working interest in flush production for average daily production of over 2.000 barrels per day.

7. Royalty interest in settled production for average daily production between 0 and .750 barrels per day.

8. Royalty interest in settled production for average daily production between .751 and 2.000 barrels per day.

9. Royalty interest in settled production for average daily production in excess of 2.000 barrels per day.

10. Royalty interest in flush production for average daily production between 0 and .750 barrels per day.

11. Royalty interest in flush production of average daily production of between .751 and 2.000 barrels per day.

12. Royalty interest in flush production for average daily production of 2.000 barrels per day.

The components on which the multipliers are based are listed below, accompanied by an explanation of their derivation.

(A) Deemed Average Daily Production Rate - This value is predetermined in the regulations (§ 11.05(e)(7) as follows:

	Classification	Deemed ADP Rate
(a)	.0 - .750 ADP	.750 ADP
(b)	.751 - 2.000 ADP	1.500 ADP
(c)	2.000+	4.000 ADP

(B) Average Industry Market Price - This component is determined through a review of the price paid per barrel for West Virginia crude oil by the primary purchasers of West Virginia crude oil on July 1, 1983. In conjunction with the regulations, (see § 11.05(e)(4), this gross price is to be adjusted for Federal Windfall Profits tax and West Virginia Business and Occupation Tax. The result of this review is to be used in the development of the multipliers as follows:

Gross Price	-	$27.00
Adjusted Price		
Working Interest		
Stripper	-	$23.25
Newly Discovered	-	$25.32
Royalty Interest		
Stripper	-	$23.25
Newly Discovered	-	$26.18

(C) Average Industry Well Operating Expense - This component is determined through a review of responses to a questionnaire distributed by the West Virginia Tax Department to 24 oil and natural gas associations and 109 producers in West Virginia. (Sample questionnaire is attached as Exhibit I.) Information was requested regarding the average annual operating expenses for a "typical" West Virginia oil well given July 1, 1983 economic conditions. The results of the review of

these questionnaires to be used in the development of the multipliers are as follows:

Category	Average Industry Well Operating Expense
0-.750	$2,600/year
.750-2.000	$3,000/year
2.001 +	$4,100/year

(D) Capitalization Rate - The capitalization rate is developed as a summation of its three components: discount, recapture, and property tax.

(1) Discount rate - In estimating the discount component, consideration was given to three (3) generally accepted approaches. These are: (1) Market comparison, (2) Summation technique, and (3) Bands of investment.

Data used in developing these discount approaches was accomplished by giving attention to the following items:

-- Research and review of willing-buyer, willing-seller sales of oil and gas operations that have taken place in West Virginia.

-- Review of the Federal Reserve Statistical Release for the period July, 1980 to July, 1983, with special attention given to the auction rates for 90-day Treasury Bills, 6-month Treasury Bills and 1-year Treasury Bills.

-- Review of a questionnaire sent to fifty-two (52) lending institutions which were identified as having been involved in offering financial services to mineral industries in West Virginia and/or the Appalachian area. (Sample questionnaire is attached as Exhibit II.) Of these 52, twenty-three (23) were in-state institutions. The questionnaire included responses for the following topics:

-- Interest rates and factors involved in financing active operations for various types of mineral properties including oil and gas for 1981, 1982, and 1983.

-- Interest rates involved in financial acquisition of various types of mineral reserve properties for 1981, 1982, and 1983.

-- Equity-capital requirements for financing active operations and for acquisition of reserves.

-- Allowances for second-mortgage possibilities for equity-capital requirements.

-- Management charges.

In determining the discount rate, the summation approach was found to be the only applicable method. The market comparison approach was not used because there was an insufficient number of producing oil and natural gas property sales to statistically support

conclusions for typical return of and return on investments. The bands of investment technique was not used because the information received from questionnaires concerning equity capital requirements was insufficient to support typical financing conclusions.

The summation technique is composed of four subcomponents. Each is discussed below, with the final values for each at the conclusion of this discussion on capitalization rates.

(a) Safe Rate - 90-day Treasury Bills [For further discussions of the determination of the Safe Rate, see W. Va. Leg. Reg. 11-1A, Series 1A § 11.05(e)(6)(A), page 41 (1984).]

	80-81	81-82	82-83
July	8.120%	14.79%	11.576%
August	9.259	15.606	8.925
September	10.561	14.605	8.094
October	11.604	13.674	7.750
November	13.888	10.995	8.089
December	15.310	11.058	7.946
January	14.928	12.412	7.873
February	14.905	13.780	8.177
March	13.217	12.674	8.394
April	13.918	12.677	8.252
May	16.295	12.022	8.278
June	14.427	12.545	8.860

Fiscal Year Average - (80-81) = 13.036%
(81-82) = 13.070%
(82-83) = 8.518%

Although a three-year period for 90-day Treasury Bills was reviewed, only the most recent fiscal year data was used. This was done so that the capitalization rate components would be consistent with the other variables which were

based on the most recent fiscal year data and with the valuation formula's use of one year of production information. In conclusion, the Safe Rate is estimated at eight and one-half percent (8.5%).

(b) Risk Rate - interest differential between loan rates and 90-day Treasury Bills. [For further discussions of the determination of the Risk Rate, see W. Va. Leg. Reg. 11-1A, Series 1A § 11.05(e)(6)(A), page 41 (1984).]

	1981	1982	1983
(1)	16.5% to 19.75%	13% to 17%	11.75% - 12.5%
(2)	Prime to Prime + 3%	Prime to Prime + 3%	Prime to Prime + 3%
(3)	15.75% to 20%	11% to 17%	10.5% to 15%
(4)	14% to 17%	13% to 15%	12% to 14%
(5)	15% to 16%	14% to 15%	13% to 14%
(6)	Prime to Prime + 2%	Prime to Prime + 2%	Prime to Prime + 2%
(7)	18.57% to 20.57%	14.58% to 16.58%	10.83% to 12.83%
(8)	Prime to Prime + 4%	Prime to Prime + 4%	Prime to Prime + 4%
(9)	18%	18%	12% to 13%
(10)	--	--	12% to 15%
(11)	16% to 20%	13% to 18%	12% to 14%

Prime Rates (Range of Rates)

January 1981 - December 1981	-	15.5% to 20.5%
January 1982 - December 1982	-	11.5% to 16.5%
January 1983 - December 1983	-	10.5% to 11.25%

Although a three-year period of loan rates and prime rates was reviewed, only the most recent annual data was used. This was done so that the capitalization rate components would be consistent with the other variables which were based on the most recent annual data, and with the valuation formula's use of one-year production information. In conclusion, the Risk Rate is estimated at four percent (4%).

(c) Non-Liquidity Rate - interest differential between 90-day Treasury Bill rates and 6-month or one-year Treasury Bill rates which reflect time necessary to sell active properties. [For further discussions of the determination of the Non-Liquidity Rate, see W. Va. Leg. Reg. 11-1A, Series 1A § 11.05(e)(6)(A), page 40 (1984).]

6-month Treasury Bills

	80-81	81-82	82-83
July	8.110%	14.402%	12.236%
August	9.443	15.548	10.105
September	10.546	15.047	9.539
October	11.566	14.013	8.299
November	13.612	11.530	8.319
December	14.770	11.471	8.225
January	13.883	12.930	7.898
February	14.134	13.709	8.233
March	12.983	12.621	8.325
April	13.434	12.861	8.343
May	15.334	12.220	8.198
June	13.947	12.310	8.890

Fiscal Year Average - (80-81) = 12.647%
(81-82) = 13.222%
(82-83) = 8.884%

1-Year Treasury Bills

	80-81	81-82	82-83
July	7.999%	13.735%	12.318%
August	9.385	14.542	11.195
September	10.484	15.056	10.286
October	11.299	14.580	9.521
November	12.219	13.159	8.567
December	13.261	11.504	8.234
January	12.554	13.143	8.007
February	12.801	13.180	8.308
March	11.481	12.509	8.427
April	12.991	12.731	8.275
May	14.623	12.194	8.050
June	13.146	12.173	8.880

Fiscal Year Average - (80-81) = 11.854%
(81-82) = 13.209%
(82-83) = 9.166%

Although a three-year period for 6-month and 1-year Treasury Bills was reviewed, only the most recent fiscal year data was used. This was done so that the capitalization rate components would be consistent with the other variables which were based on the most recent fiscal year data, and with the valuation formula's use of one-year production information. In conclusion, the Non-Liquidity Rate is estimated at one-half percent (0.5%).

(d) Management Rate - charges for management of investment portfolios (from questionnaire).

Rates: (1) 5% of gross income

(2) $5/$1,000 of principal

In conclusion, the Management Rate is estimated at one-half percent (.5%).

(2) Recapture Rate - The standard mid-year life present worth of one table (compound interest premise) has a built-in factor for recapture. Inclusion of a recapture component in the capitalization rate is therefore not appropriate.

(3) Property Tax Rate - The property tax component was derived by multiplying the assessment rate by the statewide average of the tax rates on Class III property. (§ 11.05(e)(3))

Average statewide Class III Levy Rate for properties in West Virginia were:

Year	Levy Rate	X	Assess/App. Rate	=	Property Tax Rate
1982-83	2.46%	X	60%	=	1.476%

In conclusion, the Property Tax Rate is estimated at one and one-half percent (1.5%).

Final Capitalization Rate Determination:

Discount Rate	= 13.5%
Safe Rate	= 8.5%
Risk Rate	= 4.0%
Non-Liquidity Rate	= 0.5%
Management Rate	= 0.5%
Recapture Rate	= "NA"
Property Tax Rate	= 1.5%
Capitalization Rate	= 15%

(e) Average Industry Production Decline Rate - This variable is determined through a review of responses to a questionnaire distributed by the West Virginia Tax Department to 24 oil and natural gas associations and 109 producers in West Virginia. (Sample questionnaire is attached as Exhibit I.) Information was requested regarding the expected average production decline rate for a "typical" West Virginia oil well as of July 1, 1983. The results of the review of these questionnaires to be used in the development of the multipliers are as follows:

Category	Settled Average Industry Production Decline Rate
0.-.750	9% per year
.751-2.000	9% per year
2.000 +	9% per year

Category	Flush Average Industry Production Decline Rate
Year 1	42% per year
Year 2	21% per year
Year 3, etc.	9% per year

(f) Percentage Interest in the Oil - The ownership of the oil is usually divided as a result of a lease or other arrangement. To determine the correct apportionment of ownership in the oil, a study of leases throughout the State of West Virginia was conducted. The actual lease book, page numbers, lessors, lessees and royalty interest are included in the assigned oil and natural gas reserve report. The Tax Department is of the opinion that the typical lease arrangement allocates the ownership of the oil and gas to be produced as follows:

Royalty Interest = 1/8

Working Interest = 7/8

(g) Multipliers - The multipliers are a result of income analyses performed for each category using the variables enumerated in this report. The multiplier for each category specified in 11.05(e)(9) are as follows:

Average Daily Production	Working Interest	Royalty Interest
Settled Production		
0.-.750	$13,033	$33,306
.751-2.000	$22,456	$36,488
2.000 +	$29,711	$37,641
Flush Production		
0.-.750	$ 5,702	$12,902
.751-2.000	$11,522	$22,814
2.000 +	$17,775	$25,413

Following is the income analysis for each category which is proceeded by a list of the variables used to conduct the analyses, and the explanations to the calculations performed in the analyses.

Income Analyses Components

ADP = average daily production

Deemed ADP rate

0.-.750	=	.75
.751 - 2.000	=	1.50
2.001 +	=	4.00

Working Interest = 7/8 of production
Royalty Interest = 1/8 of production

Average Industry Market Price

Working Interest		
Newly Discovered		$23.25/bbl
Stripper		$25.32/bbl
Royalty Interest		
Newly Discovered		$23.25/bbl
Stripper		$26.18/bbl

Capitalization Rate = 15%

Average Production Decline Rate

Settled Production	0.-.750	=	9% per year
	.751-2.000	=	9% per year
	2.000 +	=	9% per year
Flush Production	Year 1	=	42% per year
	Year 2	=	21% per year
	Year 3, etc.	=	9% per year
Operating Expenses	0.-.750	=	$2,600
	.751-2.000	=	$3,000
	2.001 +	=	$4,100

Percentage Interest ADP = ADP X Working (or Royalty) Interest

Gross Income = Percentage Interest ADP X 365 days X Price

Net Income - Gross Income - Operating Expenses

Discounted Income = (Net) Income X Present Worth of 1 Factor

$$\text{Multiplier} = \frac{\text{Total Discounted (Net) Income}}{\text{Year 1 = Percentage Interest ADP}}$$

Working Interest

.0-.750 ADP, Settled Production

	Deemed ADP	Working Interest ADP	Annual Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 1	.750	.656	$5,569	$2,600	$2,969	.933	$ 2,769
Year 2	.682	.597	$5,068	$2,600	$2,468	.811	$ 2,001
Year 3	.621	.543	$4,612	$2,600	$2,012	.705	$ 1,419
Year 4	.565	.495	$4,197	$2,600	$1,597	.613	$ 979
Year 5	.514	.450	$3,819	$2,600	$1,219	.533	$ 650
Year 6	.468	.410	$3,475	$2,600	$ 875	.464	$ 406
Year 7	.426	.373	$3,163	$2,600	$ 563	.403	$ 227
Year 8	.388	.339	$2,878	$2,600	$ 278	.351	$ 97
Year 9	.353	.309	$2,619	$2,600	$ 19	.305	$ 6
							$ 8,553

Multiplier = $\frac{8,553}{.656}$ = $13,033

Royalty Interest

.0-.750 ADP, Settled Production

	Deemed ADP	Royalty Interest ADP	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 1	.750	.094	$796	.933	$ 742
Year 2	.682	.085	$724	.811	$ 587
Year 3	.621	.078	$659	.705	$ 465
Year 4	.565	.071	$600	.613	$ 368
Year 5	.514	.064	$546	.533	$ 291
Year 6	.468	.059	$496	.464	$ 230
Year 7	.426	.053	$452	.403	$ 182
Year 8	.388	.048	$411	.351	$ 144
Year 9	.353	.044	$374	.305	$ 114
					$ 3,122

Multiplier = $\frac{3,122}{.094}$ = $33,306

Working Interest

.751-2.000 ADP, Settled Production

	Deemed ADP	Working Interest ADP	Annual Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 1	1.500	1.313	$11,138	$3,000	$8,138	.933	$ 7,589
Year 2	1.365	1.194	$10,136	$3,000	$7,136	.811	$ 5,786
Year 3	1.242	1.087	$ 9,224	$3,000	$6,224	.705	$ 4,388
Year 4	1.130	.989	$ 8,393	$3,000	$5,393	.613	$ 3,307
Year 5	1.029	.900	$ 7,638	$3,000	$4,638	.533	$ 2,473
Year 6	.936	.819	$ 6,951	$3,000	$3,951	.464	$ 1,832
Year 7	.852	.745	$ 6,325	$3,000	$3,325	.403	$ 1,340
Year 8	.775	.678	$ 5,756	$3,000	$2,756	.351	$ 966
Year 9	.705	.617	$ 5,238	$3,000	$2,238	.305	$ 682
Year 10	.642	.562	$ 4,766	$3,000	$1,766	.265	$ 468
Year 11	.584	.511	$ 4,337	$3,000	$1,337	.231	$ 308
Year 12	.532	.465	$ 3,947	$3,000	$ 947	.200	$ 190
Year 13	.484	.423	$ 3,592	$3,000	$ 592	.174	$ 103
Year 14	.440	.385	$ 3,269	$3,000	$ 269	.152	$ 41
							$29,474

$$\text{Multiplier} = \frac{29,474}{1.312} = \$22,456$$

Royalty Interest

.751-2.000 ADP, Settled Production

	Deemed ADP	Royalty Interest ADP	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 1	1.500	.188	$1,591	.933	$ 1,484
Year 2	1.365	.171	$1,448	.811	$ 1,174
Year 3	1.242	.155	$1,318	.705	$ 929
Year 4	1.130	.141	$1,199	.613	$ 735
Year 5	1.029	.129	$1,091	.533	$ 582
Year 6	.936	.117	$ 993	.464	$ 460
Year 7	.852	.106	$ 904	.403	$ 364
Year 8	.775	.097	$ 822	.351	$ 288
Year 9	.705	.088	$ 748	.305	$ 228
Year 10	.642	.080	$ 681	.265	$ 180
Year 11	.584	.073	$ 620	.231	$ 143
Year 12	.532	.066	$ 564	.200	$ 118
Year 13	.484	.060	$ 513	.174	$ 89
Year 14	.440	.055	$ 467	.152	$ 71
					$ 6,841

Multiplier = $\frac{6,841}{.188}$ = $36,488

Working Interest

2.001 + ADP, Settled Production

	Deemed ADP	Working Interest ADP	Annual Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 1	4.000	3.500	$29,702	$4,100	$25,602	.933	$23,874
Year 2	3.640	3.185	$27,029	$4,100	$22,929	.811	$18,592
Year 3	3.312	2.898	$24,596	$4,100	$20,496	.705	$14,452
Year 4	3.014	2.637	$22,382	$4,100	$18,282	.613	$11,210
Year 5	2.743	2.400	$20,368	$4,100	$16,268	.533	$ 8,674
Year 6	2.496	2.184	$18,535	$4,100	$14,435	.464	$ 6,692
Year 7	2.271	1.988	$16,867	$4,100	$12,767	.403	$ 5,147
Year 8	2.067	1.809	$15,349	$4,100	$11,249	.351	$ 3,943
Year 9	1.881	1.646	$13,967	$4,100	$ 9,867	.305	$ 3,008
Year 10	1.712	1.498	$12,710	$4,100	$ 8,610	.265	$ 2,282
Year 11	1.558	1.363	$11,566	$4,100	$ 7,466	.231	$ 1,721
Year 12	1.417	1.240	$10,525	$4,100	$ 6,425	.200	$ 1,288

Working Interest

2.001 + ADP, Settled Production
(continued)

	Deemed ADP	Working Interest ADP	Annual Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 13	1.290	1.129	$9,578	$4,100	$5,478	.174	$ 955
Year 14	1.174	1.027	$8,716	$4,100	$4,616	.152	$ 700
Year 15	1.068	.935	$7,932	$4,100	$3,832	.132	$ 505
Year 16	.972	.851	$7,218	$4,100	$3,118	.115	$ 357
Year 17	.885	.774	$6,568	$4,100	$2,468	.100	$ 246
Year 18	.805	.704	$5,977	$4,100	$1,877	.087	$ 163
Year 19	.732	.641	$5,439	$4,100	$1,339	.075	$ 101
Year 20	.667	.583	$4,950	$4,100	$ 850	.066	$ 56
Year 21	.607	.531	$4,504	$4,100	$ 404	.057	$ 23
							$103,988

Multiplier = $\frac{\$103,988}{3.5}$ = $29,711

Royalty Interest

2.001 +, Settled Production

	Deemed ADP	Royalty Interest ADP	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 1	4.000	.500	$4243	.933	3957
Year 2	3.640	.455	3861	.811	3131
Year 3	3.312	.414	3514	.705	2478
Year 4	3.014	.377	3197	.613	1961
Year 5	2.743	.343	2910	.533	1551
Year 6	2.496	.312	2648	.464	1228
Year 7	2.271	.284	2410	.403	971
Year 8	2.067	.258	2193	.351	769
Year 9	1.881	.235	1995	.305	608
Year 10	1.712	.214	1816	.265	481
Year 11	1.558	.195	1652	.231	381
Year 12	1.417	.177	1504	.200	301
Year 13	1.290	.161	1368	.174	238
Year 14	1.174	.147	1245	.152	189

	Deemed ADP	Royalty Interest ADP	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 15	1.068	.134	1133	.132	149
Year 16	.972	.122	1031	.115	118
Year 17	.885	.111	938	.100	94
Year 18	.805	.101	854	.087	74
Year 19	.732	.092	777	.075	59
Year 20	.667	.083	707	.066	46
Year 21	.607	.076	643	.057	37
					$18,820

Multiplier = $\frac{18,820}{.5}$ = $37,641

Working Interest

0-.750, Flush Production

	Deemed ADP	Working Interest ADP	Annual Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 1	.750	.656	6,063	2,600	3,463	.933	3,231
Year 2	.435	.381	3,230	2,600	630	.811	511
							3,742

$$\text{Multiplier} = \frac{3,742}{.656} = \$5,702$$

Royalty Interest

0-.750, Flush Production

	Deemed ADP	Royalty Interest ADP	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 1	.750	.094	898	.933	838
Year 2	.435	.054	461	.811	374
					1,212

Multiplier = $\frac{1,212}{.094}$ = $12,902

Working Interest

.751-2.000, Flush Production

	Deemed ADP	Working Interest ADP	Annual Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 1	1.500	1.312	12,125	3,000	9,125	.933	8,514
Year 2	.870	.761	6,460	3,000	3,460	.811	2,806
Year 3	.687	.601	5,104	3,000	2,104	.705	1,483
Year 4	.625	.547	4,644	3,000	1,644	.613	1,008
Year 5	.569	.498	4,226	3,000	1,226	.533	654
Year 6	.518	.453	3,846	3,000	846	.464	392
Year 7	.471	.412	3,500	3,000	500	.403	201
Year 8	.429	.375	3,185	3,000	185	.351	65
							15,123

$$\text{Multiplier} = \frac{15,123}{1.312} = 11,522$$

Royalty Interest

.751-2.000, Flush Production

	Deemed ADP	Royalty Interest ADP	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 1	1.500	.188	1,796	.933	1,677
Year 2	.870	.109	923	.811	750
Year 3	.687	.086	729	.705	515
Year 4	.625	.080	663	.613	407
Year 5	.569	.074	604	.533	322
Year 6	.518	.069	549	.464	255
Year 7	.471	.064	500	.403	202
Year 8	.429	.060	455	.351	159
					4,287

$$\text{Multiplier} = \frac{4,287}{.188} = \$22,814$$

Working Interest

2.001 +, Flush Production

	Deemed ADP	Working Interest ADP	Annual Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 1	4.000	3.500	32,346	4,100	28,646	.933	26,354
Year 2	2.320	2.030	17,227	4,100	13,127	.811	10,646
Year 3	1.833	1.604	13,610	4,100	9,510	.705	6,705
Year 4	1.668	1.460	12,385	4,100	8,285	.613	5,080
Year 5	1.518	1.328	11,270	4,100	7,170	.533	3,823
Year 6	1.381	1.209	10,256	4,100	6,156	.464	2,854
Year 7	1.257	1.100	9,333	4,100	5,233	.403	2,110
Year 8	1.144	1.001	8,494	4,100	4,394	.351	1,540
Year 9	1.041	.911	7,728	4,100	3,628	.305	1,106
Year 10	.947	.829	7,033	4,100	2,933	.265	777
Year 11	.862	.754	6,400	4,100	2,300	.231	530
Year 12	.784	.686	5,824	4,100	1,724	.200	346
Year 13	.714	.624	5,300	4,100	1,200	.174	209
Year 14	.649	.568	4,823	4,100	723	.152	110
Year 15	.591	.517	4,389	4,100	289	.132	38
							62,228

Multiplier = $\frac{62,228}{3.5}$ $17,775

Royalty Interest

2.001 +, Flush Production

	Deemed ADP	Royalty Interest ADP	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 1	4.000	.500	4,778	.933	4,458
Year 2	2.320	.290	2,461	.811	1,996
Year 3	1.833	.229	1,943	.705	1,371
Year 4	1.668	.208	1,769	.613	1,085
Year 5	1.518	.190	1,610	.533	858
Year 6	1.381	.173	1,465	.464	679
Year 7	1.257	.157	1,333	.403	537
Year 8	1.144	.143	1,213	.351	425
Year 9	1.041	.130	1,104	.305	337
Year 10	.947	.118	1,005	.265	266
Year 11	.862	.108	914	.231	211
Year 12	.784	.098	832	.200	167
Year 13	.713	.089	757	.174	132
Year 14	.649	.081	689	.152	104
Year 15	.591	.074	627	.132	83
					12,709

$$\text{Multiplier} = \frac{12,709}{.5} = 25,403$$

EXHIBIT I

OIL AND NATURAL GAS

QUESTIONNAIRE

State Tax Department of West Virginia

Charleston 25305

HERSCHEL H. ROSE III
COMMISSIONER

March 22, 1984

Dear Oil and Gas Producer:

This office is presently reviewing the information used in our appraisal of oil and gas properties. Regulations require us to contact associations, officials and individuals who are knowledgeable with oil and gas operations to secure information pertinent to our procedures. This correspondence fulfills that duty.

Our appraisal of oil and gas producing properties will occur through use of an income approach. Due to the inability to perform an income analysis on individual wells, properties, or fields, we have instead constructed a "typical" West Virginia well for a category of production that will be utilized on a mass appraisal basis. We appreciate the difficulties in stereotyping an oil or gas well, but seek your knowledge of the oil and gas industry to answer these questions.

We request that you complete the enclosed questionnaire. This is a method of data collection we are utilizing to make our well profile as scientific as possible with limited resources.

If you have any questions concerning this request, or if you wish additional questionnaires, please contact Bill Penn at (304) 348-3940. Completed questionnaires should be returned by April 13, 1984 to:

State Tax Department
Local Government Relations Division
1615 Washington Street, East
Charleston, West Virginia 25311

Attention: William E. Penn

Thank you for your time and effort. We anticipate your response.

Very truly yours,

Herschel H. Rose III
State Tax Commissioner

HHRIII/wpt

Enclosure

QUESTIONNAIRE

Date: _____

NAME: _____

POSITION: _____

ORGANIZATION: _____

_____ Check here if you wish to receive a copy of the oil and gas rules and regulations.

OIL PROPERTIES

The following questions are based on a "typical" West Virginia oil well in settled production and given July 1, 1983 economic conditions. The well has a low water-oil ratio and is in primary production.

1. What would be the average annual operating expenses for this well? (Do not include any taxes or depletion costs as part of the operating expenses.)

   If the well produced:

   .01 to .75 bbls oil per day $_____ per year

   .76 to 2.0 bbls oil per day $_____ per year

   greater than 2.0 bbls oil per day $_____ per year

2. What would be the expected average production decline rate during the remaining life of this well?

   If the well produced:

   .01 to .75 bbls oil per day _____ % per year

   .76 to 2.0 bbls oil per day _____ % per year

   greater than 2.0 bbls oil per day _____ % per year

3. What tangible personal property, including machinery, equipment, materials and supplies for present or future use, would be situate in and around this well? (e.g. casing length and size, suction rods, tanks, pump jacks, motors, etc.)

   _____

   _____

4. How many acres would this well drain over its life if it were a shallow well (less than 6,000 feet or not reaching the Onadanga formation)?

_____ acres

5. If this well was a new well in flush production (first two years of production), what production decline rate would be anticipated for the first two years of production?

1st year _____% 2nd year _____%

6. If this well was a new well in flush production, what would be the average annual operating expenses for this well for the first two years?

$_____ per year

NATURAL GAS PROPERTIES:

The following questions are based on a "typical" West Virginia natural gas well in settled production and given July 1, 1983 economic conditions.

1. What would be the average annual production for this "typical" gas well?

_____ MCF

2. What would be the average annual operating expenses for this gas well? (Do not include any taxes or depletion costs as part of the operating expenses.)

$_____ per year

3. What would the average market price received for gas at the wellhead for this well?

$_____ MCF

4. What would be the expected average production decline rate during the remaining life of this well?

_____% per year

5. What tangible personal property, including machinery, equipment, materials and supplies for present or future use, would be situate in and around this well? (e.g. casing length and size, gathering line size and footage, tanks, compressors, etc.)

6. How many acres would this well drain over its life if it were a shallow well (less than 6,000 feet or not reaching the Onadanga formation)?

_____ acres

7. If this well was a new well in flush production (first two years of production), what production decline rate would be anticipated for the first two years?

1st year _____% 2nd year _____%

ADDITIONAL COMMENTS:

1. Is any of the information included in this questionnaire documented in journal book or other reference form? _____ If yes, please cite sources.

_____

_____

_____

_____

_____

2. Further comments?

_____

_____

_____

_____

_____

_____

_____

EXHIBIT II

CAPITALIZATION RATE

QUESTIONNAIRE

State Tax Department of West Virginia

Charleston 25305

HERSCHEL H. ROSE III
COMMISSIONER

February 22, 1984

On January 5, 1984, the West Virginia State Tax Department filed a proposed legislative rule governing, among other things, the valuation of mineral property ownership for ad valorem property tax purposes. In connection with these rules, the Department is required to research certain financial aspects of the natural resource/mining industry.

Attached is a questionnaire that has been developed for this research. Your efforts in completing the attached questionnaire will materially aid this office in our research efforts. Should you have questions concerning this request, please contact Mr. Donald W. Hebb at telephone number (304) 348-3940. Completed questionnaires should be returned by March 15, 1984 to:

West Virginia State Tax Department
Local Government Relations Division
1615 Washington Street, East
Charleston, West Virginia 25311

Attention: Donald Hebb

Your efforts in completing and returning the attachment will be greatly appreciated.

Very truly yours,

Herschel H. Rose III
State Tax Commissioner

HHRIII/jkt

Attachment

WEST VIRGINIA TAX DEPARTMENT

- NATURAL RESOURCE FINANCING QUESTIONNAIRE -

FOR

_____
(Name of Respondent)

1. During calendar years 1983, 1982, and 1981, what range of interest rates did you require on business loans to assist in financing mineral mining operations?

Type of Mining Operation	1983 From	1983 To	1982 From	1982 To	1981 From	1981 To
A. Coal						
B. Oil						
C. Gas						
D. Limestone						
E. Sandstone						
F. Clay and Shale						
G. Sand and Gravel						
H. Salt						

Comments: _____

_____

_____

_____

2. In setting the rates in Question 1 above, do certain factors such as location of operations and/or types of operations (i.e. deep mines, surface mines, deep wells, shallow wells) affect the rates?

Yes _____ No _____

If yes, please explain.

_____

_____

_____

3. During calendar years 1983, 1982 and 1981, what range of interest rates did you require on loans to finance acquisition of reserve mineral properties?

Type of Mining Operation	1983 From	1983 To	1982 From	1982 To	1981 From	1981 To
A. Coal						
B. Oil						
C. Gas						
D. Limestone						
E. Sandstone						
F. Clay and Shale						
G. Sand and Gravel						
H. Salt						

Comments: _____

_____

_____

_____

4. What kind of equity capital (down-payment) is required for:

(a) financing mineral mining operations? (amount and/or percentage)

_____

(b) financing acquisition of reserve mineral properties? (amount and/or percentage)

_____

5. Does the required equity capital vary according to the specific mineral interest? (coal, oil, gas, etc.)

If yes, please explain.

_____

_____

_____

_____

6. Do you allow a portion of the equity capital to be financed by another loan? (i.e. second mortgage)

Yes _____ No _____

If yes, what amount or percentage?

_____

7. Does your company offer investment portfolio management?

Yes _____ No _____

If yes, what investment management charge(s) do you require? (amount or percentage)

_____

8. Does this portfolio management charge vary according to such aspects as type of mineral, type of mine, size of portfolio, etc.?

Yes _____ No _____

If yes, please explain.

_____

_____

_____

_____

Date: _____

Person to contact regarding this questionnaire:

Name: _____

Title: _____

Phone Number: _____

II. Natural Gas Property Report - Multipliers

In compliance with W. Va. Leg. Reg. 11-1A, Series 1A § 11.06(b), page 55 (1984), this report contains the multipliers which are to be used for the valuation of the natural gas reserves for natural gas producing property.

Multiplier

The multiplier serves to combine mathematically the effects of the average production rate, average industry market price of natural gas, average industry well operating expense, working and royalty interest, flush and settled production, average production decline rate and a capitalization rate. This multiplier will not be constant for all natural gas producing properties. The multipliers are to be used for natural gas producing properties.

Separate multipliers are derived for each of the following four (4) categories:

1. Working interest in settled production
2. Working interest in flush production
3. Royalty interest in settled production
4. Royalty interest in flush production

The components on which the multipliers are based are listed below, accompanied by an explanation of their derivation.

(A) Average Production Rate - This value is determined through a review of responses to a questionnaire distributed by the West Virginia Tax Department to 24 oil and gas associations and 109 producers in West Virginia. (Sample questionnaire is attached as

Exhibit I.) Information was requested concerning the average annual production of a "typical" West Virginia gas well given July 1, 1983 economic conditions. The result of the review of these questionnaires to be used in the development of the multipliers is that 7000 MCF shall be the average production rate for year one of the economic analysis.

(B) Average Industry Market Price - This component is determined through a review of responses to a questionnaire distributed by the West Virginia Tax Department to 24 oil and gas associations and 109 producers in West Virginia. (Sample questionnaire is enclosed.) Information was requested concerning the average market price received for natural gas at the well head. The results of the review of these questionnaires to be used in the development of the multipliers is that $3.20 per MCF shall be the average industry market price for gas.

(C) Average Industry Well Operating Expense - This component is determined through a review of responses to a questionnaire distributed by the West Virginia Tax Department to 24 oil and natural gas associations and 109 producers in West Virginia. (Sample questionnaire is attached to Exhibit I.) Information was requested regarding the average annual operating expenses for a "typical" West Virginia natural gas well given July 1, 1983 economic conditions. The results of the review of

these questionnaires to be used in the development of the multipliers is that $3,200 per year shall be the average industry well operating expenses.

(D) Capitalization Rate - The capitalization rate is developed as a summation of its three components: discount, recapture, and property tax.

(1) Discount rate - In estimating the discount component, consideration was given to three (3) generally accepted approaches. These are: (1) Market comparison, (2) Summation technique, and (3) Bands of investment.

Data used in developing these discount approaches was accomplished by giving attention to the following items:

-- Research and review of willing-buyer, willing-seller sales of oil and gas operations that have taken place in West Virginia.

-- Review of the Federal Reserve Statistical Release for the period July, 1980 to July, 1983, with special attention given to the auction rates for 90-day Treasury Bills, 6-month Treasury Bills and 1-year Treasury Bills.

-- Review of a questionnaire sent to fifty-two (52) lending institutions which were identified as having been involved in offering financial services to mineral industries in West Virginia and/or the Appalachian

area. (Sample questionnaire is attached as Exhibit II.) Of these 52, twenty-three (23) were in-state institutions. The questionnaire included responses for the following topics:

-- Interest rates and factors involved in financing active operations for various types of mineral properties including oil and gas for 1981, 1982, and 1983.

-- Interest rates involved in financial acquisition of various types of mineral reserve properties for 1981, 1982, and 1983.

-- Equity-capital requirements for financing active operations and for acquisition of reserves.

-- Allowances for second-mortgage possibilities for equity-capital requirements.

-- Management charges.

In determining the discount rate, the summation approach was found to be the only applicable method. The market comparison approach was not used because there was an insufficient number of producing oil and natural gas property sales to statistically support conclusions for typical return of and return on investments. The bands of investment technique was not used because the information received from questionnaires concerning equity capital requirements was insufficient to support typical financing conclusions.

The summation technique is composed of four subcomponents. Each is discussed below, with the final values for each at the conclusion of this discussion on capitalization rates.

(a) Safe Rate - 90-day Treasury Bills [For further discussions of the determination of the Safe Rate, see W. Va. Leg. Reg. 11-1A, Series 1A § 11.06(e)(7)(A), page 63 (1984).]

	80-81	81-82	82-83
July	8.120%	14.79%	11.576%
August	9.259	15.606	8.925
September	10.561	14.605	8.094
October	11.604	13.674	7.750
November	13.888	10.995	8.089
December	15.310	11.058	7.946
January	14.928	12.412	7.873
February	14.905	13.780	8.177
March	13.217	12.674	8.394
April	13.918	12.677	8.252
May	16.295	12.022	8.278
June	14.427	12.545	8.860

Fiscal Year Average - (80-81) = 13.036%
(81-82) = 13.070%
(82-83) = 8.518%

Although a three-year period for 90-day Treasury Bills was reviewed, only the most recent fiscal year data was used. This was done so that the capitalization rate components would be consistent with the other variables which were based on the most recent fiscal year data, and with the valuation formula's use of one-year production information. In conclusion, the Safe Rate is estimated at eight and one-half (8.5%).

(b) Risk Rate - interest differential between loan rates and 90-day Treasury Bills. [For further discussions of the determination of the Risk Rate, see W. Va. Leg. Reg. 11-1A, Series 1A § 11.06(e)(7)(A), page 63 (1984).]

	1981	1982	1983
(1)	16.5% to 19.75%	13% to 17%	11.75% - 12.5%
(2)	Prime to Prime + 3%	Prime to Prime + 3%	Prime to Prime + 3%
(3)	15.75% to 20%	11% to 17%	10.5% to 15%
(4)	14% to 17%	13% to 15%	12% to 14%
(5)	15% to 16%	14% to 15%	13% to 14%
(6)	Prime to Prime + 2%	Prime to Prime + 2%	Prime to Prime + 2%
(7)	18.57% to 20.57%	14.58% to 16.58%	10.83% to 12.83%
(8)	Prime to Prime + 4%	Prime to Prime + 4%	Prime to Prime + 4%
(9)	18%	18%	12% to 13%
(10)	--	--	12% to 15%
(11)	16% to 20%	13% to 18%	12% to 14%

Prime Rates (Range of Rates)

January 1981 - December 1981	-	15.5% to 20.5%
January 1982 - December 1982	-	11.5% to 16.5%
January 1983 - December 1983	-	10.5% to 11.25%

Although a three-year period of loan rates and prime rates was reviewed, only the most recent annual data was used. This was done so that the capitalization rate components would be consistent with the other variables which were based on the most recent annual data, and with the valuation formula's use of one-year production information. In conclusion, the Risk Rate is estimated at four percent (4%).

(c) Non-Liquidity Rate - interest differential between 90-day Treasury Bill rates and 6-month or one-year Treasury Bill rates which reflect time necessary to sell active properties. (For further

discussions of the determination of the Non-Liquidity Rate, see W. Va. Leg. Reg. 11-1A, Series 1A § 11.06(e)(7)(A), page 62 (1984).]

6-month Treasury Bills

	80-81	81-82	82-83
July	8.110%	14.402%	12.236%
August	9.443	15.548	10.105
September	10.546	15.047	9.539
October	11.566	14.013	8.299
November	13.612	11.530	8.319
December	14.770	11.471	8.225
January	13.883	12.930	7.898
February	14.134	13.709	8.233
March	12.983	12.621	8.325
April	13.434	12.861	8.343
May	15.334	12.220	8.198
June	13.947	12.310	8.890

Fiscal Year Average - (80-81) = 12.647%
(81-82) = 13.222%
(82-83) = 8.884%

1-Year Treasury Bills

	80-81	81-82	82-83
July	7.999%	13.735%	12.318%
August	9.385	14.542	11.195
September	10.484	15.056	10.286
October	11.299	14.580	9.521
November	12.219	13.159	8.567
December	13.261	11.504	8.234
January	12.554	13.143	8.007
February	12.801	13.180	8.308
March	11.481	12.509	8.427
April	12.991	12.731	8.275
May	14.623	12.194	8.050
June	13.146	12.173	8.880

Fiscal Year Average - (80-81) = 11.854%
(81-82) = 13.209%
(82-83) = 9.166%

Although a three-year period for 6-month and 1-year Treasury Bills was reviewed, only the most recent fiscal year data was used. This was done

so that the capitalization rate components would be consistent with the other variables which were based on the most recent fiscal year data, and with the valuation formula's use of one-year production information. In conclusion, the Non-Liquidity Rate is estimated at one-half percent (0.5%).

(d) Management Rate - charges for management of investment portfolios (from questionnaire).

Rates: (1) 5% of gross income

(2) $5/$1000 of principal

In conclusion, the Management Rate is estimated at one-half percent (.5%).

(2) Recapture Rate - The standard mid-year life present worth of one table (compound interest premise) has a built-in factor for recapture. Inclusion of a recapture component in the capitalization rate is therefore not appropriate.

(3) Property Tax Rate - The property tax component was derived by multiplying the assessment rate by the statewide average of the tax rates on Class III property. (§ 11.06(e)(3)).

Average statewide Class III Levy Rate for properties in West Virginia were:

Year	Levy Rate	X	Assess/App. Rate	=	Property Tax Rate
1982-83	2.46%	X	60%	=	1.476%

In conclusion, the Property Tax Rate is estimated at one and one-half percent (1.5%).

Final Capitalization Rate Determination:

Discount Rate	=	13.5%
Safe Rate = 8.5% Risk Rate = 4.0% Non-Liquidity Rate = 0.5% Management Rate = 0.5%		
Recapture Rate	=	"NA"
Property Tax Rate	=	1.5%
Capitalization Rate	=	15%

(e) Average Industry Production Decline Rate - This variable is determined through a review of responses to a questionnaire distributed by the West Virginia Tax Department to 24 oil and natural gas associations and 109 producers in West Virginia. (Sample questionnaire is attached as Exhibit I.) Information was requested regarding the expected average production decline rate for a "typical" West Virginia oil well as of July 1, 1983. The results of the review of these questionnaires to be used in the development of the multipliers is that seven percent (7%) per

year is the average industry production decline rate for settled production. For flush production, the average industry production decline rate is thirty-eight percent (38%) for year one and twenty percent (20%) for year two.

(f) Percentage Interest in the Natural Gas - The ownership of the natural gas is usually divided as a result of a lease or other arrangement. To determine the correct apportionment of ownership in the natural gas, a study of leases throughout the State of West Virginia was conducted. The actual lease book, page numbers, lessors, lessees and royalty interest are included in the assigned oil and natural gas reserve report. This report concludes that the typical lease arrangement allocates the ownership of the oil and gas to be produced as follows:

Royalty Interest = 1/8

Working Interest = 7/8

(g) Multipliers - The multipliers are a result of an income analysis performed for each category using the variables enumerated earlier in this report.

The multiplier for each category specified in 11.06(3)(9) are as follows:

Average Daily Production	Working Interest	Royalty Interest
Flush Production	2.94	3.26
Settled Production	3.68	4.85

Following is the income analysis for each category which is proceeded by a list of the variables used to conduct the analyses, and the explanations as to the calculations performed in the analyses.

Income Analyses Components

Average Production Rate 7000 MCF

Working Interest (WI) = 7/8 of production
Royalty Interest (RI) = 1/8 of production

Average Industry Market Price = $3.20 MCF

Adjusted Price for B & O (RI) = $3.16

Capitalization Rate = 15%

Average Production Decline Rate

Settled - 7% per year
Flush - Year 1 = 38%, Year 2 = 20%

Percentage Interest Prod. = Prod. X Working (or Royalty) Interest

Initial Gross Income = Percentage Int. Prod. X Price

B & O Deduction (WI) = (Initial Gross Income - $5000) X .0863

Gross Income (WI) = Initial Gross Income - B & O Deduction

Gross Income (RI) = Percent Int. Prod. X Adjusted Price

Net Income = Gross Income - Operating Expenses

Discounted Income = (Net) Income X Percent Worth of 1 Factor

$$\text{Multiplier} = \frac{\text{Total Discounted (Net) Income}}{\text{Yr. 1 = Percentage Interest Gross Income}}$$

Royalty Interest

Settled Production

	Total Prod.	Royalty Interest Prod.	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 1	7000	875	2765	.932	2577
Year 2	6510	814	2572	.811	2086
Year 3	6054	757	2392	.705	1686
Year 4	5630	704	2225	.613	1364
Year 5	5236	654	2067	.533	1102
Year 6	4869	609	1924	.464	893
Year 7	4528	566	1789	.403	721
Year 8	4211	526	1622	.350	583
Year 9	3916	489	1545	.305	471
Year 10	3642	455	1438	.265	381
Year 11	3387	423	1337	.230	309
Year 12	3150	394	1245	.200	249
Year 13	2930	366	1157	.174	201
Year 14	2725	341	1078	.152	164
Year 15	2534	317	1002	.132	132

	Total Prod.	Royalty Interest Prod.	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 16	2357	295	932	.114	107
Year 17	2192	274	866	.100	87
Year 18	2039	255	806	.087	70
Year 19	1896	237	749	.075	56
Year 20	1763	220	695	.066	46
Year 21	1640	205	648	.057	37
Year 22	1525	191	604	.050	30
Year 23	1418	177	559	.043	24
Year 24	1319	165	521	.037	19
Year 25	1227	153	483	.032	16
					13,414

$$\text{Multiplier} = \frac{13,414}{2765} = 4.85$$

Working Interest

Settled Production

	Total Prod.	Working Interest Prod.	Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 1	7000	6125	18,340	3200	15,140	.932	14,126
Year 2	6510	5696	17,086	3200	13,886	.811	11,262
Year 3	6054	5297	15,919	3200	12,719	.705	8,967
Year 4	5630	4926	14,834	3200	11,634	.613	7,132
Year 5	5236	4582	13,828	3200	10,628	.533	5,665
Year 6	4869	4260	12,887	3200	9,687	.464	4,495
Year 7	4528	3962	12,015	3200	8,815	.403	3,552
Year 8	4211	3685	11,206	3200	8,006	.350	2,810
Year 9	3916	3427	10,451	3200	7,251	.305	2,212
Year 10	3642	3187	9,749	3200	6,549	.265	1,735
Year 11	3387	2964	9,098	3200	5,898	.231	1,362
Year 12	3150	2756	8,489	3200	5,289	.200	1,058
Year 13	2930	2564	7,928	3200	4,728	.174	823
Year 14	2725	2384	7,402	3200	4,202	.152	639
Year 15	2534	2217	6,913	3200	3,713	.132	490

	Total Prod.	Working Interest Prod.	Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 16	2357	2062	6,460	3200	3,260	.114	375
Year 17	2192	1918	6,040	3200	2,840	.100	284
Year 18	2039	1784	5,648	3200	2,448	.087	213
Year 19	1896	1659	5,282	3200	2,082	.075	156
Year 20	1763	1543	4,938	3200	1,738	.066	115
Year 21	1640	1435	4,582	3200	1,382	.057	79
Year 22	1525	1334	4,269	3200	1,069	.050	53
Year 23	1418	1241	3,971	3200	771	.043	33
Year 24	1319	1154	3,693	3200	493	.037	18
Year 25	1227	1074	--	--	237	.032	8
Year 26	1141	998	--	--	--	--	--
							67,662

$$\text{Multiplier} = \frac{67,662}{18,340} = 3.68$$

Working Interest

Flush Production

	Total Prod.	Working Interest Prod.	Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 1	25,000	21,875	64,390	3,200	61,190	.933	57,090
Year 2	15,500	13,563	40,088	3,200	36,888	.811	29,916
Year 3	12,400	10,850	32,155	3,200	28,955	.705	20,413
Year 4	11,532	10,091	29,936	3,200	26,736	.613	16,389
Year 5	10,725	9,384	27,869	3,200	24,669	.533	13,149
Year 6	9,974	8,727	25,947	3,200	22,747	.464	10,555
Year 7	9,276	8,117	24,164	3,200	20,964	.403	8,448
Year 8	8,627	7,549	22,504	3,200	19,304	.351	6,776
Year 9	8,023	7,020	20,957	3,200	17,757	.305	5,416
Year 10	7,461	6,528	19,519	3,200	16,319	.265	4,325
Year 11	6,939	6,072	18,185	3,200	14,985	.231	3,462
Year 12	6,453	5,646	16,939	3,200	13,739	.200	2,748
Year 13	6,001	5,251	15,784	3,200	12,584	.174	2,194
Year 14	5,581	4,883	14,709	3,200	11,509	.152	1,749
Year 15	5,190	4,541	13,708	3,200	10,508	.132	1,387

	Total Prod.	Working Interest Prod.	Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 16	4,827	4,224	12,782	3,200	9,582	.115	1,102
Year 17	4,489	3,928	11,917	3,200	8,717	.100	872
Year 18	4,175	3,653	11,113	3,200	7,913	.087	688
Year 19	3,883	3,398	10,367	3,200	7,167	.075	538
Year 20	3,611	3,160	9,671	3,200	6,471	.066	427
Year 21	3,358	2,938	9,022	3,200	5,822	.057	332
Year 22	3,123	2,733	8,423	3,200	5,223	.050	261
Year 23	2,904	2,541	7,861	3,200	4,661	.043	200
Year 24	2,701	2,363	7,341	3,200	4,141	.037	153
Year 25	2,512	2,198	6,858	3,200	3,658	.033	121
Year 26	2,336	2,044	6,408	3,200	3,208	.028	90
Year 27	2,172	1,901	5,990	3,200	2,790	.025	70
Year 28	2,020	1,768	5,601	3,200	2,401	.021	50
Year 29	1,879	1,644	5,238	3,200	2,038	.019	39
Year 30	1,747	1,529	4,893	3,200	1,693	.016	27
Year 31	1,625	1,422	4,550	3,200	1,350	.014	19
Year 32	1,511	1,322	4,230	3,200	1,030	.012	12

	Total Prod.	Working Interest Prod.	Gross Income	Operating Expenses	Net Income	Capitalization Rate Present Worth of 1 Factor	Discounted Net Income
Year 33	1,405	1,229	3,933	3,200	733	.011	8
Year 34	1,307	1,144	3,661	3,200	461	.009	4
Year 35	1,216	1,064	3,405	3,200	205	.008	2
Year 36	1,131	990	3,168	3,200	--	.007	--
							189,028

$$\text{Multiplier} = \frac{189,028}{64,390} = 2.94$$

Royalty Interest

Flush Production

	Total Prod.	Royalty Interest Prod.	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 1	25,000	3,125	9,875	.933	9,213
Year 2	15,500	1,938	6,124	.811	4,967
Year 3	12,400	1,550	4,898	.705	3,453
Year 4	11,532	1,442	4,557	.613	2,793
Year 5	10,725	1,341	4,238	.533	2,259
Year 6	9,974	1,247	3,941	.464	1,829
Year 7	9,276	1,160	3,666	.403	1,477
Year 8	8,627	1,078	3,406	.351	1,196
Year 9	8,023	1,003	3,169	.305	967
Year 10	7,461	933	2,948	.265	781
Year 11	6,939	867	2,740	.231	633
Year 12	6,453	807	2,550	.200	510
Year 13	6,001	750	2,370	.174	412
Year 14	5,581	698	2,206	.152	335
Year 15	5,190	649	2,051	.132	271

	Total Prod.	Royalty Interest Prod.	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 16	4,827	603	1,905	.115	219
Year 17	4,489	561	1,773	.100	177
Year 18	4,175	522	1,650	.087	144
Year 19	3,883	485	1,533	.075	115
Year 20	3,611	451	1,425	.066	94
Year 21	3,358	420	1,327	.057	76
Year 22	3,123	390	1,232	.050	62
Year 23	2,904	363	1,147	.043	49
Year 24	2,701	338	1,068	.037	40
Year 25	2,512	314	992	.033	33
Year 26	2,336	292	923	.028	26
Year 27	2,172	272	860	.025	22
Year 28	2,020	253	799	.021	17
Year 29	1,879	235	743	.019	14
Year 30	1,747	218	689	.016	11
Year 31	1,625	203	641	.014	9
Year 32	1,511	189	597	.012	7

	Total Prod.	Royalty Interest Prod.	Income	Capitalization Present Worth of 1 Factor	Discounted Income
Year 33	1,405	176	556	.011	6
Year 34	1,307	163	515	.009	5
Year 35	1,216	152	480	.008	4
Year 36	1,131	141	446	.007	3
					32,229

$$\text{Multiplier} = \frac{32,229}{9,875} = 3.26$$

EXHIBIT I

OIL AND NATURAL GAS

QUESTIONNAIRE

State Tax Department of West Virginia

Charleston 25305

HERSCHEL H. ROSE III
COMMISSIONER

March 22, 1984

Dear Oil and Gas Producer:

This office is presently reviewing the information used in our appraisal of oil and gas properties. Regulations require us to contact associations, officials and individuals who are knowledgeable with oil and gas operations to secure information pertinent to our procedures. This correspondence fulfills that duty.

Our appraisal of oil and gas producing properties will occur through use of an income approach. Due to the inability to perform an income analysis on individual wells, properties, or fields, we have instead constructed a "typical" West Virginia well for a category of production that will be utilized on a mass appraisal basis. We appreciate the difficulties in stereotyping an oil or gas well, but seek your knowledge of the oil and gas industry to answer these questions.

We request that you complete the enclosed questionnaire. This is a method of data collection we are utilizing to make our well profile as scientific as possible with limited resources.

If you have any questions concerning this request, or if you wish additional questionnaires, please contact Bill Penn at (304) 348-3940. Completed questionnaires should be returned by April 13, 1984 to:

State Tax Department
Local Government Relations Division
1615 Washington Street, East
Charleston, West Virginia 25311

Attention: William E. Penn

Thank you for your time and effort. We anticipate your response.

Very truly yours,

Herschel H. Rose III
State Tax Commissioner

HHRIII/wpt

QUESTIONNAIRE

Date: _____

NAME: _____

POSITION: _____

ORGANIZATION: _____

_____ Check here if you wish to receive a copy of the oil and gas rules and regulations.

OIL PROPERTIES:

The following questions are based on a "typical" West Virginia oil well in settled production and given July 1, 1983 economic conditions. The well has a low water-oil ratio and is in primary production.

1. What would be the average annual operating expenses for this well? (Do not include any taxes or depletion costs as part of the operating expenses.)

   If the well produced:

   .01 to .75 bbls oil per day $_____ per year

   .76 to 2.0 bbls oil per day $_____ per year

   greater than 2.0 bbls oil per day $_____ per year

2. What would be the expected average production decline rate during the remaining life of this well?

   If the well produced:

   .01 to .75 bbls oil per day _____% per year

   .75 to 2.0 bbls oil per day _____% per year

   greater than 2.0 bbls oil per day _____% per year

3. What tangible personal property, including machinery, equipment, materials and supplies for present or future use, would be situate in and around this well? (e.g. casing length and size, suction rods, tanks, pump jacks, motors, etc.)

   _____

   _____

   _____

4. How many acres would this well drain over its life if it were a shallow well (less than 6,000 feet or not reaching the Onadanga formation)?

_____ acres

5. If this well was a new well in flush production (first two years of production), what production decline rate would be anticipated for the first two years of production?

1st year _____% 2nd year _____%

6. If this well was a new well in flush production, what would be the average annual operating expenses for this well for the first two years?

$_____ per year

NATURAL GAS PROPERTIES:

The following questions are based on a "typical" West Virginia natural gas well in settled production and given July 1, 1983 economic conditions.

1. What would be the average annual production for this "typical" gas well?

_____ MCF

2. What would be the average annual operating expenses for this gas well? (Do not include any taxes or depletion costs as part of the operating expenses.)

$_____ per year.

3. What would the average market price received for gas at the wellhead for this well?

$_____ MCF

4. What would be the expected average production decline rate during the remaining life of this well?

_____% per year

5. What tangible personal property, including machinery, equipment, materials and supplies for present or future use, would be situate in and around this well? (e.g. casing length and size, gathering line size and footage, tanks, compressors, etc.)

_____

_____

6. How many acres would this well drain over its life if it were a shallow well (less than 6,000 feet or not reaching the Onadanga formation)?

_____ acres

7. If this well was a new well in flush production (first two years of production), what production decline rate would be anticipated for the first two years?

1st year _____% 2nd year _____%

ADDITIONAL COMMENTS:

1. Is any of the information included in this questionnaire documented in journal book or other reference form? _____ If yes, please cite sources.

_____

_____

_____

_____

_____

2. Further comments?

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

EXHIBIT II

CAPITALIZATION RATE

QUESTIONNAIRE

State Tax Department of West Virginia

Charleston 25305

HERSCHEL H. ROSE III
COMMISSIONER

February 22, 1984

On January 5, 1984, the West Virginia State Tax Department filed a proposed legislative rule governing, among other things, the valuation of mineral property ownership for ad valorem property tax purposes. In connection with these rules, the Department is required to research certain financial aspects of the natural resource/mining industry.

Attached is a questionnaire that has been developed for this research. Your efforts in completing the attached questionnaire will materially aid this office in our research efforts. Should you have questions concerning this request, please contact Mr. Donald W. Hebb at telephone number (304) 348-3940. Completed questionnaires should be returned by March 15, 1984 to:

West Virginia State Tax Department
Local Government Relations Division
1615 Washington Street, East
Charleston, West Virginia 25311

Attention: Donald Hebb

Your efforts in completing and returning the attachment will be greatly appreciated.

Very truly yours,

Herschel H. Rose III
State Tax Commissioner

HHRIII/jkt

Attachment

WEST VIRGINIA TAX DEPARTMENT

- NATURAL RESOURCE FINANCING QUESTIONNAIRE -

FOR

_____
(Name of Respondent)

1. During calendar years 1983, 1982, and 1981, what range of interest rates did you require on business loans to assist in financing mineral mining operations?

Type of Mining Operation	1983 From	1983 To	1982 From	1982 To	1981 From	1981 To
A. Coal						
B. Oil						
C. Gas						
D. Limestone						
E. Sandstone						
F. Clay and Shale						
G. Sand and Gravel						
H. Salt						

Comments: _____

_____

_____

_____

2. In setting the rates in Question 1 above, do certain factors such as location of operations and/or types of operations (i.e. deep mines, surface mines, deep wells, shallow wells) affect the rates?

Yes _____ No _____

If yes, please explain.

_____

_____

_____

3. During calendar years 1983, 1982 and 1981, what range of interest rates did you require on loans to finance acquisition of reserve mineral properties?

Type of Mining Operation	1983 From	1983 To	1982 From	1982 To	1981 From	1981 To
A. Coal						
B. Oil						
C. Gas						
D. Limestone						
E. Sandstone						
F. Clay and Shale						
G. Sand and Gravel						
H. Salt						

Comments: _____

_____

_____

_____

4. What kind of equity capital (down-payment) is required for:

(a) financing mineral mining operations? (amount and/or percentage)

_____

(b) financing acquisition of reserve mineral properties? (amount and/or percentage)

_____

5. Does the required equity capital vary according to the specific mineral interest? (coal, oil, gas, etc.)

If yes, please explain.

_____

_____

_____

_____

6. Do you allow a portion of the equity capital to be financed by another loan? (i.e. second mortgage)

Yes _____ No _____

If yes, what amount or percentage?

_____

7. Does your company offer investment portfolio management?

Yes _____ No _____

If yes, what investment management charge(s) do you require? (amount or percentage)

_____

8. Does this portfolio management charge vary according to such aspects as type of mineral, type of mine, size of portfolio, etc.?

Yes _____ No _____

If yes, please explain.

_____

_____

_____

_____

Date: _____

Person to contact regarding this questionnaire:

Name: _____

Title: _____

Phone Number: _____

III. Assigned Oil and Natural Gas Reserve Report

In compliance with the W. Va. Leg. Reg. 11-1A, Series 1A § 11.05(b), page 33 (1984) and W. Va. Leg. Reg. 11-1A, Series 1A § 11.06(b), page 55 (1984), this report contains the information to be used for the valuation of assigned oil and natural gas reserve property. Oil and natural gas reserve property includes properties as defined in W. Va. Leg. Reg. 11-1A, Series 1A § 11.05(d)(2), page 34 (1984) and W. Va. Leg. Reg. 11-1A, Series 1A § 11.06(d)(2), page 56 (1984). Since oil and natural gas rights are almost exclusively owned and leased in tandem, the valuations set forth in this report shall apply to oil and natural gas rights owned conjunctionally. When oil and natural gas rights are owned separately from each other, the valuations set forth in this report shall apply to individual oil rights and individual natural gas rights.

Included in this report are the following determinations and information.

A. Assigned Oil and Natural Gas Reserve Regions

B. Lease Agreements

C. Assigned Oil and Natural Gas Reserve Values

A. Assigned Oil and Natural Gas Reserve Regions

Regions were determined through a review of non-dry completions in the fifty-five West Virginia counties. A fifteen-year study was conducted, using the number of non-dry completions drilling in each county as reported in the Oil and Gas Statistical Report which is published annually by the Office of Oil and Gas of the West Virginia Department of Mines. Counties having a range of similar non-dry completions to area ratios were grouped together. This survey yielded the following regions:

Region 1 - Barbour, Doddridge, Gilmer, Harrison, Lewis, Pleasants, Ritchie, Upshur.

Region 2 - Braxton, Calhoun, Clay, Jackson, Kanawha, Lincoln, McDowell, Putnam, Roane, Taylor, Wirt.

Region 3 - Boone, Fayette, Mingo, Nicholas, Raleigh, Randolph, Tyler, Wood, Wyoming.

Region 4 - Cabell, Logan, Marion, Mason, Mercer, Monongalia, Preston, Wayne, Wetzel.

Region 5 - Hampshire, Hancock, Marshall, Mineral, Ohio, Tucker, Webster.

Region 6 - Berkeley, Brooke, Grant, Greenbrier, Hardy, Jefferson, Monroe, Morgan, Pendleton, Pocahontas, Summers.

B. Oil and Natural Gas Lease Agreements

A review of recorded oil and natural gas lease agreements was performed in a majority of counties in each region. The information is submitted in the enclosed computer printout and includes the following information (when available) for each lease: (1) region (as previously determined), (2) district, (3) deed book, (4) page number, (5) lease date of record, (6) lessor, (7) lessee, (8) acreage, (9) lease term, (10) delay rental (also called lease rate), (11) royalty interest in production, (12) shut-in rental, (13) storage rental. [It should be noted that, while this report utilizes leases transacted prior to the 1983 base year, additional leases occurring in 1984, 1985 and 1986 were added as part of the annual update as required by § 11.05(g) and 11.06(g).] The computer printout recording of these leases follows Section C of this report.

C. Assigned Oil and Natural Gas Reserve Values

This value for each region is determined by taking the average daily rental (or lease rate) for each region and multiplying it by a multiplier.

The average daily rental per acre for each region was determined by using the information included in Section B of this Assigned Oil and Natural Gas Reserve Report. The multiplier is determined by accessing an Inwood mid-year table at the capitalization rate of 15% for the average number of years of the lease term for each region. The capitalization rate of 15% was constructed of the following components:

Discount rate = 13.5%

Safe Rate	=	8.5%
Risk Rate	=	4.0%
Non-Liquidity Rate	=	0.5%
Management Rate	=	0.5%

Recapture rate = "NA"

Property tax rate = 1.5%

Capitalization rate = 15.0%

Value Determination Example:

Region X

Average delay rental	=	$ 4.25/acre
Average lease term	=	7.29 or 7 yrs.
Capitalization rate	=	15%
Multiplier	=	4.46

Assigned Oil & Natural Gas Reserve Value = $4.25 X 4.46 = $18.96

Assigned Oil and Natural Gas Reserve Values

	Lease Term	Lease Rate	Multiplier	Value
Region 1	3	$6.41/acre	2.45	$16./acre
Region 2	4	$2.85/acre	3.06	$ 9./acre
Region 3	4	$4.01/acre	3.06	$12./acre
Region 4	6	$2.37/acre	4.06	$10./acre
Region 5	7	$2.71/acre	4.46	$12./acre
Region 6	9	$1.38/acre	5.12	$ 7./acre

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 01-BARBOUR

REPORT NO. TXOILP1 PAGE 2
CURRENT DATE: 04/23/86

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	11	80	467	./79	E.A. ALLEN	FUEL RESOURCES	30.00	3.00	$1.00/A			
1	4	82	446	./79	J. W. LODGE	CONSOLIDATED NATURAL GAS	173.00	2.00				
1	5	81	565	./79	V.A. LOUGH	S & K LAND CO	66.00	3.00	$2.00/A			
1	9	85	252	12/80	A. LAKE	HYDROCARBON ENERGIES	20.00	2.00	$2/A	1/8		
1	11	85	336	12/80	C. FALLEN	J & J ENTERPRISES	6.64	.67	$2/A	1/8		
1	10	85	302	12/80	C. GLEVEINGER	FHF OIL & GAS	1.00	1.00	$4/A	1/8		$2/A
1	4	83	445	./80	E ATTERHOLT	W.B. BERRY	52.00	1.00	$1.00/A			
1	7	82	604	./80	F. MCBEE	ROBERT FOX	64.00	2.00	$2.88/A			
1	11	84	429	8/80	H. ESSIG	PETROLEUM SERVICES	50.00	.50	$5/A	1/8		
1	5	83	510	4/80	R. EISHON	BECKLER ENERGY	53.00	1.00	$2/A	1/8		
1	11	83	543	5/80	R. FINNEGAN	MERT DEVELOPMENT	41.50	1.00	$1/A	1/8		
1	10	83	244	3/80	R. MARPLE	UNION DRILLING	120.00	3.00	$2/A	1/8		
1	11	84	425	8/80	W. GEORGE	FUEL RESOURCES	100.00	1.50	$1/A	1/8		$300/W
1	5	88	441	./81	B. LEVIEKE	TRIO PETROLEUM	86.00	2.00	$3.00/A			
1	1	86	557	./81	C. BARKAUKIS	MERT DEVELOPMENT	64.00	2.00	$4.00/A			
1	3	89	23	11/81	C. ERVIN	FOX DRILLING	50.00	2.00	$3/A	1/8		
1	7	87	216	7/81	D. HANEY	THE CHESTERFIELD CORP	50.00	.333	$1/A	1/8		
1	7	87	218	7/81	DR. SHERMAN	BEPEA OIL & GAS	54.00	2.00	$1/A	1/8	$50/W	
1	10	85	515	./81	E.J. HATKO	CONSOLIDATED NATURAL GAS	60.00	5.00	$1.00/A			
1	9	87	61	6/81	G. GOUGH	CONSOLIDATED GAS	5.00	20.00	$1/A	1/8		
1	11	89	86	12/81	H. ESSIG	CONTINENTAL PETROLEUM	47.00	.08		1/8		
1	7	87	363	7/81	H. LEACH	CNG PRODUCING	20.00	5.00	$1/A	1/8		
1	3	91	86	./81	K. CAUVIL	FUEL RESOURCES	107.00	2.00	$5.00/A			
1	7	86	349	./81	L. ANGLIN	ROBERT FOX	23.00	10.00	$4.00/A			
1	7	89	116	12/81	R. GREEN	DORAN & ASSO.	56.00	1.50	$5/A	1/8		
1	5	92	424	8/82	A. LOUGH	MERT DEVELOPMENT	66.00	.00	$7/A	1/8		
1	3	91	169	./82	C. S LOAR	FUEL RESOURCES	75.00	10.00	$5.00/A			
1	3	90	64	./82	DR LINDSEY	BECKLER ENERGY	50.00	2.00				
1	5	92	492	./82	DR LINDSEY	BECKLER ENERGY	150.00	2.00	$1.25/A			
1	11	93	382	11/82	E. COONTZ	CARDINAL LEASING	36.00	1.00	$8/A	1/8		
1	11	92	214	7/82	E. GEORGE	NRM PETROLEUM	15.00	2.00	$8/A	1/8		
1	7	91	393	6/82	J. FLEMING	FOX DRILLING	4.00	2.00	$6/A-Y1,$12/A-Y2	1/8		
1	5	92	372	8/82	M. RUCKER	FUEL RESOURCES	332.00	2.00	$4/A	1/8		
1	4	90	481	4/82	O. FRIDLEY	TRIO PETROLEUM	16.00	.50	$5/A	1/8		
1	7	91	177	5/82	P. BALL	S.W. UPSHUR ENERGY	8.50	2.00	$5/A	1/8	$5/A	
1	1	91	175	5/82	W. EDMOND	CHESTERFIELD ENERGY	26.00	2.00	$7/A	1/8	$7/A	
1	5	97	243	10/83	A. LOUGH	CHESTERFIELD ENERGY	66.00	2.00	$8/A	1/8		
1	7	94	366	3/83	A. MAYLE	CNG PRODUCING	5.00	5.00	$2/A	1/8		
1	3	97	415	11/83	E. HOWDERSHELT	CNG DEVELOPMENT	116.00	1.00	$2/A	1/8		
1	1	96	253	6/83	G. PHILLIPS	EASTERN INTERMOUNTAIN ENERGY	60.00	.75	$7/A	1/8		
1	1	96	341	7/83	H. PURKEY	CHESTERFIELD ENERGY	30.00	2.00	$5/A	1/8	$300/W	
1	5	95	240	3/83	M. EVANS	BECKLER ENERGY	80.00	2.00	$.62/A	1/8		
1	4	97	260	10/83	N. SAMPLES	H & J ENERGY	25.00	2.00	$10/A	1/8		
1	10	97	354	10/83	R. MARPLE	EXPLORA RESOURCES	120.00	3.00	$7/A	1/8		
1	0	0105	305	6/85	ARTHUR AND VIRGINIA JONES	BECKLER ENERGY	1.19	1.00	$8.4/A	1/8		
1	.	105	256	3/85	DEBORAH PEARL RUNNER	CNG DEVELOPMENT	66.00	3.00	$2/A	1/8	.50/A	
1	0	0105	244	5/85	HAROLD AND VIRGINIA SMITH	PK EASTERN ENERGY	24.00	2.00	$1/A	1/8	$1/A	
1	0	0105	303	6/85	HENRY AND KATHLEEN LANTZ	BECKLER ENERGY	50.00	1.00	$10/A	1/8		
1	0	0105	300	6/85	HUBERT AND ELAINE BOLYARD	BECKLER ENERGY	37.00	1.00	$10/A	1/8		

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 01-BARBOUR

OIL AND GAS SALES AND LEASE REPORT

R E O	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
I	0	0105	307	6/85	JOE AND GEORGIA BEYMER	BECKLER ENERGY	82.00	1.00	$2.5/A	1/8		
I	0	0105	311	6/85	JOE AND KATHLEEN COFFMAN	J & J ENTERPRISES	165.00	.50	$5/A	1/8		
I	0	0105	313	6/85	MAYSEL M. MILLER ET AL	J & J ENTERPRISES	260.00	.50	$5/A	1/8		
I	0	0105	254	3/85	REBECCA B. STEFFEN ET AL	BECKLER ENERGY	8.50	2.00	$10/A	1/8		
I	0	0105	315	6/85	SAMUEL AND IDA MILLER	J & J ENTERPRISES	80.00	.50	$5/A	1/8		
					*** COUNTY TOTAL ***		3,453.33					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 02-BERKLEY

OIL AND GAS SALES AND LEASE REPORT

R G	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6	4	337	288	12/79	F. CARPER	NORMAN L. BOTKIN	136.00	10.00	$1/AC	1/8	$50/W	$2/AC
6	3	337	286	12/79	F. DUNHAM	NORMAN L. BOTKIN	89.50	10.00	$1/AC	1/8	$50/W	$2/AC
6	4	337	290	12/79	J. CARPER	NORMAN L. BOTKIN	135.00	10.00	$1/AC	1/8	$50/W	$2/AC
6	3	337	284	12/79	J. HUTZLER	NORMAN L. BOTKIN	900.00	15.00	$1/AC	1/8	$50/W	$2/AC
6	4	342	7	9/80	C. ASHTON	C. E. BECK	181.00	10.00	$1/AC	1/8	$1/AC	
6	3	343	276	10/80	D. ASHTON	C. E. BECK	444.00	10.00	$1/AC	1/8	$1/AC	$1/AC
6	4	343	279	10/80	D. MYERS	C. E. BECK	166.00	10.00	$1/AC	1/8	$1/AC	$1/AC
6	4	342	707	9/80	M. MICHAEL	AMOCO	93.00	10.00	$1/AC	1/8	$1/AC	$1/AC
6	3	342	710	9/80	W. SMITH	C. E. BECK	105.00	10.00	$1/AC	1/8	$1/AC	
6	4	355	186	11/81	F-G FARMS INC.	HOME PETROLEUM	359.85	10.00	$1/AC	1/8	$1/AC	
6	2	353	175	9/81	FALLING WATERS CORP.	HOME PETROLEUM	158.00	10.00	$1/AC	1/8	$1/AC	
6	3	354	553	11/81	J. MINGHINI	CHEVRON	142.75	10.00	$1/AC	1/8	1/AC	
6	8	353	172	9/81	O. BECK	HOME PETROLEUM	80.96	10.00	$1/AC	1/8	$1/AC	
6	4	355	493	12/81	P. MYERS	AMOCO	13.38	10.00	$1/AC	1/8	$1/AC	$1/AC
6	3	354	555	11/81	R. BURKHART	CHEVRON	42.00	10.00	$1/AC	1/8	$1/AC	
6	1	355	235	11/81	R. LOWE	HOME PETROLEUM	25.58	10.00	$1/AC	1/8	$1/AC	
6	4	355	496	12/81	T. HOLL JR.	AMOCO	75.00	10.00	$1/AC	1/8	$1/AC	
6	3	348	79	3/81	TEATES FARMS INC.	AMOCO	705.00	10.00	$1/AC	1/8	$1/AC	
6	.	355	202	11/81	W. MAKARA	CHEVRON	81.50	10.00	$1.01/AC	1/8	$1/AC	
						*** COUNTY TOTAL ***	3,923.52					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 03-BOONE

OIL AND GAS SALES AND LEASE REPORT

R G H	DI	ST	DEED BOOK	NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	6	21		784	10/79	C. MASON	UNION OIL CO	24.00	10.00	$1.00/A	1/8	$1.00/A	
5	6	21		787	10/79	J. MASON	UNION OIL CO	24.00	10.00	$1.00/A	1/8	$1.00/A	
5	6	21		790	10/79	ROSS & BARKER GAS CO	UNION OIL CO	56.70	5.00	$1.00/A	1/8	$1.00/A	
5	6	21		794	10/79	ROSS & BARKER GAS CO	UNION OIL CO	148.00	5.00	$1.00/A	1/8	$1.00/A	
5	6	21		798	10/79	ROSS & BARKER GAS CO	UNION OIL CO	25.18	5.00	$1.00/A	1/8	$1.00/A	
	6	21		834	12/79	W. WHITE	UNION OIL CO	102.65	10.00		1/8	$50/W	
5	0	22		4	2/80	H. HENDRICKS	UNION OIL CO	19.73	10.00	$1.00/A	1/8	$1.00/A	
5	6	22		1	2/80	H. HENDRICKS	UNION OIL CO	130.00	10.00	$1.00/A	1/8	$1.00/A	
5	6	22		19	3/80	H. WHITE	UNION OIL CO	102.65	10.00		1/8	$50/WELL	
5	6	22		7	2/80	P. LEWIS	UNION OIL CO	12.62	10.00	$1.00/A	1/8	$1.00/A	
5	6	22		0	2/80	P. LEWIS	UNION OIL CO	28.67	10.00	$1.00/A	1/8	$1.00/A	
5	8	22		155	4/81	A. MCCLURE	CABOT OIL & GAS	275.00	10.00	$2.00/A	1/8	$2.00/A	$2.00/A
5	6	22		153	4/81	R. HILL	CABOT OIL & GAS	275.00	10.00	$2.00/A	1/8	$2.00/A	
5	5	23		132	11/82	C. KENNEDY	KAISER ENERGY	9.50	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	8	23		192	12/82	C.C. BOARD HEIRS	STERLINGS DRILLING	437.00	1.00	$5.00/A	1/8	$5.00/A	
5	5	23		276	12/82	D. DOLIN	STERLING DRILLING	13.00	2.00	$5.00/A	1/8	$5.00/A	
5	5	23		4	9/82	G. WHEELER	KAISER ENERGY	49.29	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	8	22		374	10/82	H. HURST	KAISER ENERGY	300.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	5	23		7	9/82	H. WILSON	KAISER ENERGY	49.29	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	5	23		95	10/82	P. DEBORD	STERLING DRILLING	100.00	750	$5.00/A	1/8	$5.00/A	
5	5	23		1	9/82	Q. STEWART	KAISER ENERGY	49.29	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	8	22		216	3/82	R. WEBB	KAISER ENERGY	35.45	5.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	6	23		93	10/82	SOUTHERN LAND CO.	CABOT OIL & GAS	180.00	5.00	$5.00/A	1/8	$5.00/A	$2.00/A
5	8	23		177	12/83	C.D. FORRER	KAISER ENERGY	36.25	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	5	23		434	6/83	D. BYRNSIDE	KAISER ENERGY	33.50	10.00	$2.00/A	1/8		
5	5	23		278	1/83	D. EASTER	STERLING DRILLING	13.00	2.00	$5.00/A	1/8	$5.00/A	
5	4	23		509	8/83	E. JAVINS	CNG DEVELOPEMENT	103.50	3.00	$2.00/A	1/8	$2.00/A	
5	8	23		571	10/83	E. MONTAGUE	KAISER ENERGY	300.00	10.00		1/8		
5	5	23		25	11/83	E. MULLINS	R.H. ADKINS	78.00	5.00	$2.00/A	1/8		$200/Y
5	4	23		579	10/83	FARLEY	ASHLAND EXPLORATION	18.00	3.00		1/8		
5	6	23		241	1/83	G.K. CABELL TRUST EST.	CITIES SERVICE	155.00	5.00	$1.00/A	1/8	$1.00/A	
5	8	23		280	1/83	J. HAGER	KAISER ENERGY	300.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	4	23		694	11/83	KANAWHA COAL CO	ASHLAND EXPLORATION	136.00	5.00	$2.00/A	1/8		
5	4	23		507	8/83	N. SIMPSON	ASHLAND EXPLORATION	126.00	3.00		1/8		
5	4	23		577	10/83	R. CUMMINGS	ASHLAND EXPLORATION	6.00	3.00		1/8		
5	4	23		581	10/83	R.R. KINDER	ASHLAND EXPLORATION	5.00	3.00		1/8		
5	5	23		431	6/83	T. BALL	KAISER ENERGY	33.50	10.00	$2.00/A	1/8		
5	5	23		284	1/83	W. POWERS	KAISER ENERGY	62.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A

*** COUNTY TOTAL *** 3,852.77

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	1		.	7/79	A.S. CAPOZIELLO	STONESTREET	83.25	5.00	$2/A	1/8		
2	7	382	166	9/79	C. STRADER	INTERSTATE DRILLING	80.00	2.00	$2/A	1/8		
2	5	378	574	11/79	MRS. O. FACEMIRE	TIPCO	100.00	5.00	$2.00/A	1/8	$2/A	
2	6	379	682	5/79	O. VEITH	TRIO PETROLEUM CORP	26.00	10.00	$2.60/A	1/8		
2	7	372	774	2/79	T. BELKNAP	RAY RESOURCES	144.00	5.00	$2.00/A	1/8		$3/A
2	5	382	12	3/80	D.E. JOHNSON	ROYAL RESOURCES CORP.	25.00	10.00	$1/A	1/8		
2	5	384	3	3/80	D.E. JOHNSON	ROYAL RESOURCES CORP	25.00	10.00	$1.00/A	1/8	$50/W	$2/A
2	6	382	208	4/80	D.H. BAKER	R.E. FOX	15.00	3.00	$1/A	1/8		
2	6	382	210	4/80	D.H. BAKER, JR.	R.E. FOX	30.50	3.00	$2/A	1/8		
2	6	023	18	3/80	F.T. SHAVER	STERLING DRILLING	99.50	2.00	$2/A	1/8		
2	6	382	164	3/80	G.B. LOYD	STERLING DRILLING	144.75	3.00	$3/A	1/8		
2	5	384	690	9/80	J.R. HARRIS	TIPCO	42.00	10.00	$2.00/A	1/8	$2/A	
2	6	382	189	2/80	L.F. WAUGH	GILCO GAS	44.65	2.00	$5/A	1/8		
2	6	382	183	3/80	L.F. WAUGH	GILCO GAS	56.00	2.00	$5/A	1/8		
2	1	386	627	12/80	PARKERSBURG NATIONAL BANK	STERLING DRILLING	75.00	2.00	$4.00/A	1/8		
2	1	382	7	3/80	R. HELLOTT	STONESTREET	66.00	2.00	$2/A	1/8		
2	5	382	150	3/80	R. REGER	TEXAS INTERNATIONAL PETROLEUM CORP.	284.00	3.00				
2	1	382	141	2/80	R.L. HALL	STERLING DRILLING	67.50	10.00	$4/A	1/8		
2	6	390	97	3/81	A.B. WESTFALL	TEXAS INTERNATIONAL PETROLEUM CORP.	98.00	5.00	$2/A	1/8		
2	5	390	14	3/81	C. MORRISON	TEXAS INTERNATIONAL PETROLEUM CORP.	44.00	10.00	$2/A	1/8	$2/A	
2	6	392	815	8/81	C.F. RUNION	TIPCO	132.50	3.00	$2.00/A	1/8	$2.00/A	
2	7	390	164	4/81	C.J. HALL	S & S, INC.	5.75	1.50	$1/A	1/8		
2	7	390	22	3/81	F. SINGLETON	BRAXTON OIL & GAS CORPORATION	18.00	1.00	$2/A	1/8		
2	6	390	194	3/81	G. MCKNIGHT	CARSON PETROLEUM CORPORATION	75.00	2.00	$5/A	1/8		
2	6	390	773	5/81	H. HART	MERT DEVELOPMENT	25.00	3.00	$5.00/A			
2	1	390	229	4/81	H. HETTLES	STONESTREET LANDS CO.	69.00	.25	$2/A	1/8		
2	6		.	1/81	J. ROHROUGH, JR.	BRAXTON OIL & GAS	101.75	2.00	$2.00/A	1/8		
2	6		.	3/81	L. GILLESPIE	CONTINENTAL PETROLEUM	26.12	2.00	$2/A	1/8		
2	.	390	231	4/81	M. MOORE	TRIO PETROLEUM CORP.	50.00	5.00	$.05/A	1/8		
2	6	410	30	3/81	O.D. TINNEY	TEXAS INTERNATIONAL PETROLEUM CORP.	55.00	5.00	$2/A	1/8	$2/A	
2	1	390	198	4/81	R. NOTTINGHAM	STERLING DRILLING	139.50	3.00	$3/A	1/8	$3/A	
2	1		.	4/81	W.D. HART	STONESTREET LANDS, CO.	191.00	2.00	$2/A	1/8		
2	6	400	405	4/82	A. LOVIN	TRIO PETROLEUM CORP.	164.00	3.00	$3/A	1/8		
2	1	402	888	7/82	C. NOTTINGHAM	STERLING DRILLING	85.00	3.00	$5.00/A	1/8	$5.00/A	
2	6	400	116	4/82	E.K. REYNOLDS	TRIO PETROLEUM CORP.	130.60	3.00	$3/A	1/8		
2	6	400	114	4/82	E.K. REYNOLDS	TRIO PETROLEUM CORP.	130.00	3.00	$3/A	1/8		
2	6		.	4/82	F. GERWIG	TRIO PETROLEUM CORP.	39.00	2.00	$3/A	1/8		
2	7	400	142	4/82	H.M. DRAKE	WACO OIL AND GAS CO.,INC.	25.00	3.00	$3/A	1/8		
2	7	400	144	4/82	H.M. DRAKE	WACO OIL AND GAS CO., INC.	10.00	3.00	$3/A	1/8		
2	5	400	351	3/82	J.P. BRIGHT	REXROAD LAND SERVICE, INC.	50.00	5.00	$3/A	1/8	$3/A	
2	5	400	347	3/82	J.P. BRIGHT	REXROAD LAND SERVICE,INC.	31.36	5.00	$3/A	1/8	$3/A	
2	7	400	403	5/82	L. SKINNER	P.E. EBBERT, JR.	39.00	5.00	$8/A	1/8		
2	7	400	401	5/82	L. SKINNER	P.E. EBBERT, JR.	34.00	5.00	$8/A	1/8		
2	1	400	9	2/82	L.P. JACKSON	COLUMBIA GAS	152.00	10.00		1/8		$300/M
2	5	400	112	4/82	R.N. WOODWARD	CONTINENTAL PETROLEUM CO,	500.00	10.00	$5/A	1/8		
2	6	396	795	1/82	W.H. SINGLETON	MERT DEVELOPMENT	42.00	3.00	$7.00/A	1/8	$50/M	
2	7	408	760	9/83	C. PRITT, JR.	CONTINENTAL PETROLEUM CO.	16.00	.50	$5/A	1/8		
2	7	408	618	8/83	C.N. ROBINSON	CONTINENTAL PETROLEUM CO.	50.00	5.00	$5/A	1/8		
2	7	408	286	1/83	H. BROWN	TRIO PETROLEUM CORP.	30.50	1.00	$5/A	1/8		

OIL AND GAS SALES AND LEASE REPORT

R G N	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	5	408	591	7/83	J.C. VANGILDER	CONTINENTAL PETROLEUM CO.	105.00	5.00	$5/A	1/8		
2	7	408	702	7/83	J.E. BERRY	CONTINENTAL PETROLEUM CO.	84.00	1.00	$5/A	1/8		
2	6	408	704	6/83	R. WARNER	TRIO PETROLEUM CORP.	65.00	5.00	$3/A	1/8		
2	6	408	730	4/83	V. CLAYPOOL	UNION DRILLING INC.	233.00	5.00	$5/A	1/8		
2	7	408	677	7/83	V.R. SCOTT	SWIFT ENERGY COMPANY	164.00	5.00	$8/A	1/8	$8/A	
2	5	410	698	2/83	W.O. BEANER	CONTINENTAL PETROLEUM CO.	122.00	5.00	$5/A	1/8		
						*** COUNTY TOTAL ***	4,731.23					

OIL AND GAS SALES AND LEASE REPORT

R G	DI	BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6	3	8	286	10/79	A. BEAUTY	AMERICAN HUNTER EXPLORATION LTD.	42.00	10.00	$1.00/A	1/8		
6	3	8	294	10/79	A.W. MURPHY	AMERICAN HUNTER EXPLORATION, LTD.	135.00	10.00	$1.00/A	1/8		
6	3	8	320	10/79	B.M. JAMISON	AMERICAN HUNTER EXPLORATION,LTD.	100.00	10.00	$7.00/A	1/8		
6	3	8	348	10/79	C.E. REEVES	AMERICAN HUNTER EXPLORATION LTD.	312.00	10.00	$2.00/A	1/8		
6	3	8	346	10/79	C.E. REEVES	AMERICAN HUNTER EXPLORATION LTD.	91.00	10.00	$2.00/A	1/8		
6	3	8	411	10/79	C.E. REEVES	AMERICAN HUNTER EXPLORATION,LTD.	179.00	10.00	$2.00/A	1/8		
6	3	8	351	11/79	C.H. BEHANNA	AMERICAN HUNTER EXPLORATION LTD.	82.00	10.00	$2.00/A	1/8		
6	3	8	302	10/79	C.S. MCBRIDE	AMERICAN HUNTER EXPLORATION,LTD.	178.00	10.00	$1.00/A	1/8		
6	.	8	252	7/79	C.S. SONDA	HADDAD & BROOKS	139.00	10.00	$2.00/A	1/8		
6	3	8	282	10/79	CR CORBIN SR	AMERICAN HUNTER EXPLORATION LTD.	211.00	10.00	$2.00/A	1/8		
6	3	8	284	10/79	CR CORBIN SR	AMERICAN HUNTER EXPLORATION LTD.	205.00	10.00	$2.00/A	1/8		
6	3	8	359	10/79	D. NOVAK	AMERICAN HUNTER EXPLORATION, LTD.	59.00	10.00	$1.00/A	1/8		
6	.	8	262	7/79	D.A. HELPHREY	HADDAD & BROOKS	93.90	10.00	$2.00/A	1/8		
6	3	8	243	6/79	D.L. OWEN	HADDAD & BROOKS	439.33	10.00	$2.00/A	1/8		
6	3	8	288	9/79	DR. ROBINSON	AMERICAN HUNTER EXPLORATION, LTD.	129.00	10.00	$1.00/A	1/8		
6	3	8	270	8/79	E.G. SHAFER	HADDAD & BROOKS	210.00	10.00	$2.00/A	1/8		
6	3	8	304	10/79	E.H. FOWLER	AMERICAN HUNTER EXPLORATION, LTD.	119.00	10.00	$1.00/A	1/8		
	32	13	600	5/79	F. PARKER	PENNZOIL CORP	103.50	10.00	$1/A			
6	3	8	357	10/79	F.N. RIMEZ	AMERICAN HUNTER EXPLORATION, LTD.	69.00	10.00	$1.00/A	1/8		
6	3	8	322	10/79	G. A. JONES, JR	AMERICAN HUNTER EXPLORATION LTD.	130.00	10.00	$2.00/A	1/8		
6	3	8	310	11/79	G. GRILLI	AMERICAN HUNTER EXPLORATION,LTD.	180.00	10.00	$1.00/A	1/8		
6	3	8	274	8/79	G.W. COX	HADDAD & BROOKS	138.21	10.00	$2.00/A	1/8		
6	3	8	409	10/79	J. COLLINS	AMERICAN HUNTER EXPLORATION,LTD.	47.00	10.00	$1.00/A	1/8		
6	3	8	333	10/79	J.R. FREELAND	AMERICAN HUNTER EXPLORATION LTD.	52.00	10.00	$2.00/A	1/8		
6	3	8	393	12/79	J.T. WILSON	AMERICAN HUNTER EXPLORATION LTD.	30.00	10.00	$2.00/A	1/8		
6	3	8	355	11/79	J.W. FRESHWATER	AMERICAN HUNTER EXPLORATION,LTD.	40.00	10.00	$1.00/A	1/8		
6	3	8	365	10/79	L.E. MCGOWAN	AMERICAN HUNTER EXPLORATION,LTD.	43.00	10.00	$1.00/A	1/8		
6	3	8	290	10/79	L.S. FORNIS	AMERICAN HUNTER EXPLORATION, LTD.	229.00	10.00	$1.00/A	1/8		
6	.	8	260	6/79	L.W. OWEN	HADDAD & BROOKS	250.00	10.00	$2.00/A	1/8		
6	.	8	258	7/79	M M DYLE	HADDAD & BROOKS	150.00	10.00	$2.00/A	1/8		
6	3	8	296	10/79	M.H. DAUGHERTY	AMERICAN HUNTER EXPLORATION,LTD.	25.00	10.00	$1.00/A	1/8		
6	.	8	256	7/79	M.P. STONE	HADDAD & BROOKS	270.00	10.00	$2.00/A	1/8		
6	3	8	367	10/79	M.R. BISSELL	AMERICAN HUNTER EXPLORATION LTD.	153.00	10.00	$2.00/A	1/8		
6	.	8	249	7/79	M.V. BECK	HADDAD & BROOKS	136.00	10.00	$2.00/A	1/8		
6	3	8	363	10/79	N.S. HUNTER	AMERICAN HUNTER EXPLORATION, LTD.	70.00	10.00	$1.00/A	1/8		
6	3	8	361	10/79	O.C. FRESHWATER	AMERICAN HUNTER EXPLORATION,LTD.	36.00	10.00	$1.00/A	1/8		
6	3	8	308	11/79	P. ARIA	AMERICAN HUNTER EXPLORATION,LTD.	224.00	10.00	$1.00/A	1/8		
6	3	8	298	10/79	P.E. UNDERWOOD	AMERICAN HUNTER EXPLORATION, LTD.	30.00	10.00	$1.00/A	1/8		
6	3	8	247	6/79	PEACE POINT CAMPGROUND CORP.	HADDAD & BROOKS	93.10	10.00	$2.00/A	1/8		
6	.	8	245	6/79	R. STOLLAR	HADDAD & BROOKS	50.00	10.00	$2.00/A	1/8		
6	3	8	342	11/79	R.A. BASIL	AMERICAN HUNTER EXPLORATION LTD.	55.00	10.00	$2.00/A	1/8		
6	3	8	314	10/79	R.A. REED	AMERICAN HUNTER EXPLORATION,LTD.	102.00	10.00	$1.00/A	1/8		
6	3	8	292	10/79	R.C. HALL	AMERICAN HUNTER EXPLORATION, LTD.	55.00	10.00	$1.00/A	1/8		
6	3	8	398	12/79	R.E. VOLTZ	AMERICAN HUNTER EXPLORATION LTD.	35.00	10.00	$2.00/A	1/8		
6	3	8	316	11/79	R.E. WILSON	AMERICAN HUNTER EXPLORATION LTD.	70.00	10.00	$2.00/A	1/8		
6	3	8	266	7/79	T.O. SPEECE	HADDAD & BROOKS	225.47	10.00	$2.00/A	1/8		
6	3	8	268	7/79	T.O. SPEECE	HADDAD & BROOKS	120.83	10.00	$2.00/A	1/8		
6	3	8	384	11/79	U.A. LEMASTERS	AMERICAN HUNTER EXPLORATION LTD.	60.00	10.00	$2.00/A	1/8		
6	3	8	300	10/79	W.E. HENTHORN	AMERICAN HUNTER EXPLORATION, LTD.	30.00	10.00	$1.00/A	1/8		

STATE OF WEST VIRGINIA
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OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6	3	8	391	12/79	W.J. MCFADDEN	AMERICAN HUNTER EXPLORATION LTD.	97.00	10.00	$2.00/A	1/8		
6	3	8	254	7/79	W.T. ELLIOTT	HADDAD & BROOKS	41.93	10.00	$2.00/A	1/8		
6	4	8	226	2/79	WHEELING DOLLAR SAVINGS & TRUST ETAL	GEORGE S. HAZLETT	1,600.00	10.00	$1.50/A	1/8		
6	3	8	471	8/80	A. K. BURNWORTH	INTERNATIONAL EXPLORATION	80.00	2.00	$3.00/A	1/8		
6	3	8	423	2/80	A.L. LATIMER	AMERICAN HUNTER EXPLORATION, LTD.	167.00	10.00	$2.00/A	1/8		
6	3	8	425	2/80	A.L. LATIMER	AMERICAN HUNTER EXPLORATION LTD.	152.00	10.00	$2.00/A	1/8		
6	3	8	464	7/80	D. L. CHAMBERS	INTERNATIONAL EXPLORATION	36.00	5.00	$3.00/A	1/8		
6	3	8	460	7/80	E. R FAIR	INTERNATIONAL EXPLORATION	61.00	3.00	$3.00/A	1/8		
6	3	8	462	7/80	E. R FAIR	INTERNATIONAL EXPLORATION	91.00	3.00	$3.00/A	1/8		
6	3	8	458	7/80	R. FAIR	INTERNATIONAL EXPLORATION	94.00	3.00	$3.00/A	1/8		
6	3	8	466	7/80	V. C. NEWTON	INTERNATIONAL EXPLORATION	80.00	5.00	$3.00/A	1/8		
6	3	8	468	8/80	W. B. WALDEN	INTERNATIONAL EXPLORATION	139.00	3.00	$3.00/A	1/8		
						*** C O U N T Y T O T A L ***	8,665.27					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
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OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED	PAGE										
N	ST	BOOK	NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL	
2	4	72	105	7/79	B. BLACKSHIRE	PETROLEUM SERVICES	62.50	1.00	$1/A	1/8			
2	6	72	109	6/79	B.J. MCCUMBERS	STERLING DRILLING	21.00	1.00	$3.00/A	5/32			
2	5	72	467	10/79	C. DORER	TRIO PETROLEUM	44.00	10.00	$1/A	1/8			
2	1	72	56	5/79	C.M. FERRELL	OKMAR OIL CO	116.00	3.00	$1.00/A	1/8			
2	3	72	1	4/79	G. SWIRES	PRIOR OIL CO.	276.00	1.00		1/8		$1/A	
2	6	71	632	3/79	J. HALL	STERLING DRILLING	20.00	5.00	$2/A	1/8	$2/A		
2	3	72	132	7/79	L. ASH	STERLING DRILLING	103.00	10.00	$4/A	1/8	$4/A		
2	4	72	658	11/79	L.K. STUMP	PETROLEUM SERVICES	118.00	1.00	$1/A	1/8	$50/W		
2	3	72	536	10/79	M. DONAHOE	CAPITAL PETROLEUM	51.00	5.00	$1/A	1/8	$50/W		
2	1	72	161	9/79	M. TAYLOR	OKMAR OIL CO.	50.00	5.00	$1/A	1/8			
2	3	73	23	11/79	O. CLARK	STERLING DRILLING	90.00	2.00	$2/A	1/8			
2	3	72	185	7/79	R. C. HINNEY	STERLING DRILLING	51.50	1.00	$5.00/A	3/16			
2	3	73	8	11/79	R. SHAFFER	CONSOLIDATED GAS	54.00	5.00	$1/A	1/8		$300/W	
2	6	73	65	12/79	T. SHARP	CARL MORRIS	20.00	1.00		1/8	$100/W		
2	6	72	14	5/79	T.R. JARVIS	TIPCO	76.00	3.00	$2.00/A	1/8			
2	6	72	281	9/79	W. CHAMBERS	STERLING DRILLING	106.75	5.00		1/8			
2	3	71	597	2/79	W. GARRETT	STERLING DRILLING	70.00	3.00	$3.00/A	1/8			
2	4	74	471	12/80	A. COBERLY	SANTA FE DRILLING	104.00	1.00	$2/A	1/8	$50/W		
2	3	74	437	12/80	B. HAYS	CONSOLIDATED GAS	34.00	5.00	$1/A	1/8		$300/W	
2	4	74	117	10/80	C. RAMBO HRS.	PETROLEUM SERVICES	30.00	1.00		1/8	$50/W		
2	3	73	799	8/80	E. DUKE	STERLING DRILLING	110.00	5.00	$3/A	1/8	$3/A		
2	6	73	500	4/80	E.B. STARCHER	STONESTREET LAND CO	61.50	1.00	$2.00/A	1/8			
2	1	73	483	2/80	F. WILSON	STERLING DRILLING	48.00	3.00	$3.00/A	1/8			
2	3	73	477	4/80	G. SWIRES	PRIOR OIL CO.	276.00	1.00		1/8	$50/W	$3/A	
2	6	74	428	12/80	H. DEWEESE	STERLING DRILLING	50.00	3.00	$3/A	1/8	$3/A		
2	6	80	123	2/80	L. ADAMS	STONESTREET LANDS CO	24.00	1.00	$2.00/A	1/8			
2	6	73	565	6/80	L. CLOUSER	STONESTREET LANDS	49.00	1.00	$2/A	1/8	$2/A		
2	6	74	339	11/80	M. COEN	STONESTREET LANDS	30.00	1.00	$2/A	1/8	$2/A		
2	4	74	463	12/80	R. DAILEY	SANTA FE DRILLING	93.00	1.00	$1/A	1/8	$50/W		
2	6	73	563	6/80	R. FINLEY	STONESTREET LANDS	49.00	1.00	$2/A	1/8	$2/A		
2	3	73	658	7/80	W.C. STUTLER	PRIOR OIL CO	50.00	1.00	$2.00/A	1/8			
2	5	77	146	8/81	B. ROBERTS	CNG PRODUCING	32.00	10.00	$1/A	1/8		$300/W	
2	1	78	134	8/81	C. BURROWS	BOWSER OIL & GAS	33.33	2.00	$2/A	1/8	$50/W		
2	3	76	416	6/81	D. ROBERTS	STERLING DRILLING	32.00	5.00	$5/A	1/8	$5/A		
2	3	74	687	1/81	E. BYERS	SANTA FE DRILLING	70.00	.50	$1/A	1/8	$50/W		
2	3	76	430	5/81	E. THOMAS	EXXIRA OIL CO	88.50	3.00	$5.00/A	1/8			
2	3	78	333	10/81	F. CHURCH	STERLING DRILLING	9.50	2.00	$5/A	1/8	$5/A		
2	3	79	540	12/81	G. LESTER	STERLING DRILLING	47.00	3.00	$5.00/A	1/8			
2	6	75	254	1/81	J. CHENOWITH	STONESTREET LANDS CO	15.50	1.00	$2.00/A	1/8			
2	3	78	439	10/81	K. CANTNER	BOW VALLEY PETROLEUM	100.00	5.00	$10/A	1/8			
2	6	76	243	4/81	L. BOGGS	CONSOLIDATED GAS	74.00	10.00	$1/A	1/8		$300/W	
2	5	75	327	3/81	O. BISSELL	STERLING DRILLING	42.00	5.00	$4/A	1/8	$4/A		
2	6	76	578	7/81	R. BOGGS	STONESTREET LANDS	184.00	1.00	$2/A	1/8	$2/A		
2	6	76	456	6/81	R. CART	STONESTREET LANDS	184.00	1.00	$4/A	1/8			
2	6	77	19	7/81	V. BEAUDOIN	STONESTREET LANDS	184.00	1.00	$2/A	1/8	$2/A		
2	3	81	384	7/82	A. MOFFET	CNG PRODUCING CO	68.75	10.00	$1/A	1/8		$300/W	
2	5	81	330	7/82	B. ARGHALT	BOWSER OIL AND GAS	200.00	.50	$3/A	1/8	$50/W		
2	1	79	559	1/82	B. ROBERTS	CNG PRODUCING	41.00	10.00	$1/A	1/8		$300/W	
2	3	81	107	6/82	E. CAMPBELL	DON HALL LEASING	40.00	1.00	$10/A	1/8			

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
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OIL AND GAS SALES AND LEASE REPORT

R G	DI	ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	6	82		640	11/82	E.W. DUFFIELD	STONESTREET LANDS CO.	17.75	1.00	$5.00/A	1/8		
2	3	81		122	5/82	H. C. VLIMAN	MEJ JOINT VENTURE	125.00	3.00	$10.00/A	1/8		
2	1	81		346	7/82	L. BELFORD	BOWSER OIL AND GAS	80.12	5.00	$4/A	1/8	$50/W	
2	4	81		71	6/82	M. BYRUM	M & J JOINT VENTURE	50.00	2.00	$5/A	1/8	$50/W	
2	6	81		482	7/82	M. POWELL	SIX WAY GAS	10.00	1.00	$2/A	1/8		
2	3	80		7	./82	O. CLARK	STERLING DRILLING	90.00	1.00	$5/A	1/8	$5/A	
2	6	80		173	3/82	R. COEN	STONESTREET LANDS	52.50	1.00	$6/A	1/8		
2	3	82		199	10/82	V. BOONE	STERLING DRILLING	26.00	3.00	$5/A	1/8	$5/A	
2	3	82		626	12/82	V. GARRETT	AMCRO OIL AND GAS	70.00	2.00		1/8		
2	3	85		330	7/83	A. BYERS	STERLING DRILLING	23.60	1.00	$5/A	1/8	$50/W	
2	3	87		161	12/83	B. BYER	ATLAS ENERGY	200.00	1.00	$5/A	1/8	$5/A	
2	1	83		206	1/83	C. BURROWS	BOWSER OIL AND GAS	33.33	1.00	$4/A	1/8	$50/W	
2	6	87		230	12/83	E. BOURNE	CNG DEVELOPMENT	108.00	2.00	$4/A	1/8		$300/W
2	3	85		475	7/83	I. BOGGS	STERLING DRILLING	77.00	1.00	$5/A	1/8	$5/A	
2	5	86		27	8/83	J. BRINNISTOOL	ROCKWELL PETPOLEUM	.00	1.50	$3/A	1/8		
2	6	84		598	5/83	L. BRAGWELL	CLINT HURT & ASSO	79.00	1.00	$10/A	1/8		
2	3	85		253	6/83	L. CHESNEY	STERLING DRILLING	420.50	1.00	$5/A	1/8	$5/A	
2	3	87		51	12/83	M. LOWE	RANCO OIL AND GAS	110.00	1.00	$5/A	1/8	$50/W	
2	6	83		375	2/83	O. MARSHALL	CONTINENTAL PETROLEUM	14.00	2.00	$4/A	1/8		
2	3	84		621	5/83	T. CHURCH	STERLING DRILLING	55.00	.50	$5/A	1/8	$5/A	
							*** C O U N T Y T O T A L ***	5,544.63					

STATE OF WEST VIRGINIA
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OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	0	0043	643	6/85	CLOVA WILSON	BOW VALLEY PETROLEUM	63.00	3.00	$5/A	1/8	$50/Y	$6/A
2	0	0043	554	4/85	DELORIS AND JAMES DUFFIELD	BOW VALLEY PETROLEUM	531.50	3.00	$10/A	1/8	$50/Y	
2	0	0043	564	4/85	GORDON ASHLEY	BOW VALLEY PETROLEUM	531.50	3.00	$10/A	1/8	$50/Y	
2	0	0043	562	4/85	RAYMOND AND ROBIN GRAY	CABOT OIL AND GAS	16.85	3.00	$3/A	1/8	$3/A	$2/A
2	0	0043	560	4/85	RUSSELL AND CYDA MOORE	BOJACQUE INC.	145.00	5.00	$3/A	1/8	$50/Y	$3/A
2	0	0043	558	4/85	RUSSELL AND CYDA MOORE	BOJACQUE INC.	40.00	5.00	$3/A	1/8	$50/Y	$3/A
2	0	0043	556	4/85	RUSSELL AND CYDA MOORE	BOJACQUE INC.	106.00	5.00	$3/A	1/8	$50/Y	$3/A
2	0	0043	514	3/85	W. H. SMITH ET UX	MORRIS EXPLORATION	552.00	1.60	$5/A	1/8	$5/A	
2	0	0043	571	5/85	WALLER AND CHARLOTTE HARDY	CABOT OIL AND GAS	40.00	5.00	$5/A	1/8	$2/A	$2/A

*** C O U N T Y T O T A L *** 2,045.85

STATE OF WEST VIRGINIA
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OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	2	107	705	3/79	APPALACHIAN ROYALTIES	CONSOLIDATED GAS SUPPLY CORP	63.19	3.00	$1/AC	1/8		
1	5	110	232	8/79	D. DODSON	DORAN & ASSOC.	31.00	1.00	$2/A	1/8		$300/YR
1	5	110	228	8/79	D. DODSON	DORAN & ASSOC.	24.00	1.00	$2/A	1/8		
1	8	106	657	1/79	D. KIMBALL	KEY OIL CO.	125.00	3.00		1/8		
1	8	106	661	1/79	D. SMITH	KEY OIL CO.	125.00	3.00	$1/AC	1/8		
1	6	108	212	4/79	E. DAVIS	CONSOLIDATED GAS SUPPLY CORP	37.00	10.00	$1/AC	1/8		$300/YR
1	3	108	216	4/79	H. WILLIAMS	CONSOLIDATED GAS SUPPLY CORP	23.00	5.00	$1/AC	1/8		$300/YR
1	4	107	619	3/79	J. KEPNS, HRS	KEY OIL CO.	59.00	3.00		1/8		
1	8	106	667	1/79	J. KILE	KEY OIL CO.	125.00	3.00		1/8		
1	3	108	468	5/79	J. SCOTT	DORAN & ASSOC.	74.00	2.00	$2/A	1/8		
1	8	106	665	1/79	P. NEW	KEY OIL CO.	125.00	3.00		1/8		
1	8	106	663	1/79	R. EXLINE	KEY OIL CO.	125.00	3.00		1/8		
1	8	106	659	1/79	R. SMITH	KEY OIL CO.	125.00	3.00		1/8		
1	2	107	495	2/79	REV. J. HODGES	CONSOLIDATED GAS SUPPLY CORP	45.00	5.00	$1/A	1/8		$300/YR
1	4	107	624	3/79	W. STICKEL	DORAN & ASSOC.	57.00	12.00	$2/A	1/8		
1	8	114	675	5/80	E. SPELLACY	GULF RESOURCES CO.	92.00	1.00	$3/AC	1/8		
1	5	113	539	2/80	E.J. LOWTHER	D & H OIL CO.	54.00	4.00	$3/AC	1/8		
1	8	114	684	5/80	H. BUTLER	GULF RESOURCES CO.	92.00	1.00	$3/AC	1/8		
1	8	114	681	5/80	H. LOWELL	GULF RESOURCES CO.	144.00	1.00	$3/AC	1/8		
1	3	115	15	5/80	J. STUMP	DORAN & ASSOC.	11.00	2.00	$2/A	1/8		
1	8	114	690	5/80	K. GOLDSMITH	GULF RESOURCES CO.	92.00	1.00	$3/AC	1/8		
1	2	116	262	11/80	L MATHENY	DOMESTIC PRODUCERS	30.00	2.00	$2/A	1/8	$50/W	
1	2	116	151	7/80	L. K. MATHENY, ETAL	DOMESTIC PRODUCERS	30.00	2.00	$2/A	1/8	$50/W	
1	4	118	106	11/80	R. NICHOLSON	CARSON PETROLEUM	27.00	4.00	$6/AC	1/8		
1	6	118	104	11/80	R. NICHOLSON	CARSON PETROLEUM	70.00	4.00	$6/AC	1/8		
1	5	113	537	2/80	R. POST	D & H OIL CO.	54.00	4.00	$3/AC	1/8		
1	9	115	439	6/80	S.K. MCCLAIN	D & H OIL CO.	8.00	5.00	$3/A	1/8		
1	1	120	64	4/80	V.H. KUCK	MAGNUM OIL CORP	56.00	1.00	$3.00/A	1/8		
1	5	118	401	12/80	W. HEFLIN	GREAT NORTHERN DEV. CO.	35.00	2.00	$2/A	1/8		
1	8	118	397	12/80	W. HEFLIN	GREAT NORTHERN DEV. CO.	17.00	2.00	$2/AC	1/8		
1	5	121	275	7/81	A. GOLDEN	FLUHARTY ENTERPRISES	58.00	1.00	$3/AC	1/8	$3/AC	
1	7	122	177	10/81	B. SCHWARTZMAN	CHASE PETROLEUM	91.00	1.00	$5/AC	1/8	$5/AC	
1	4	120	214	4/81	G. GASTON	FLUHARTY ENTERPRISES	74.00	1.00	$10/AC	1/8		
1	3	122	68	9/81	G. S. KNIGHT	APEX RESOURCES	14.50	.50	$5.00/A	1/8		
1	6	121	736	9/81	H. GOLDEN	CNG PRODUCING CO.	88.00	10.00	$1/AC	1/8		$300/W
1	4	120	210	4/81	J HINKLE	FLUHARTY ENTERPRISES	74.00	1.00	$5/AC+$1000/W	1/8		
1	.	122	42	9/81	J. SMITH	DONALD MICHELS	61.00	2.00	$5.00/A	1/8		
1	6	120	304	5/81	L. NICHOLSON	JUSTIN L. HENDERSON	9.50	3.00	$3.00/A	1/8		
1	6	122	87	9/81	M. DEVERICKS	CARSON PETROLEUM	31.00	10.00	$5/AC	1/8		
1	5	212	273	7/81	M. LACKEY	FLUHARTY ENTERPRISES	58.00	1.00	$3/AC	1/8	$3/AC	
1	4	120	212	4/81	O. CORDER	FLUHARTY ENTERPRISES	74.00	1.00	$10/AC	1/8		
1	.	120	5	4/81	PRESTON CO. CINDER CO.	D & H OIL CO.	340.00	10.00	$3/AC	1/8		
1	6	120	302	5/81	R. COX	CARSON PETROLEUM	69.00	5.00	$3/AC	1/8		
1	4	121	675	8/81	R. ROGERS	CNG PRODUCING CO.	38.60	5.00	$1/AC	1/8		$300/W
1	7	121	732	9/81	S. MORAN, ETAL	CNG PRODUCING CO.	53.00	5.00	$1/A	1/8		$300/W
1	.	121	590	8/81	W. FREEMAN ETAL	CARSON PETROLEUM	91.11	3.00	$2/AC	1/8		
1	4	124	796	4/82	A. BOLTE	PATRICIA JONES	40.00	2.00	$5.00/A	5/32		
1	7	123	154	1/82	B. LEGGETT	CHASE PETROLEUM	36.50	1.00	$5/AC	1/8	$5/AC	
1	7	124	70	3/82	B. LEGGETT	CHASE PETROLEUM	36.50	1.00	$5/AC	1/8	$5/AC	

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 09-DODDRIDGE

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	5	128	423	12/82	E. HARBERT	CNG PRODUCING CO.	26.50	5.00	$4/AC	1/8		$300/W
1	5	128	435	12/82	E. HARBERT	CNG PRODUCING CO.	132.00	5.00	$4/AC	1/8		$300/W
1	2	126	429	7/82	F. REED	C & P OIL & GAS CO.	67.50	1.00	$6/A	1/8	$50/W	
1	4	128	227	11/82	G. GILBERT	SWIFT ENERGY CO	80.00	2.00	$5.00/A	1/8		
1	8	128	439	12/82	J. HEFLIN ETAL	CNG PRODUCING CO.	97.00	2.00	$2/AC	1/8		$300/W
1	3	123	611	3/82	J. STATLER	COLORADO EMPIRE DRILLING CO	17.00	1.00	$15/AC	5/32	$50/W	
1	3	123	608	3/82	J. STATLER	COLORADO EMPIRE DRILLING CO	53.00	1.00	$15/AC	5/32	$50/W	
1	4	124	810	4/82	J. STATLER	COLORADO EMPIRE DRILLING CO	91.00	1.00	$15/AC	5/32	$50/W	
1	6	128	427	12/82	M. BISKING	CNG PRODUCING CO.	25.00	3.00	$2/AC	1/8		$300/W
1	6	128	431	12/82	M. BISKING	CNG PRODUCING CO.	6.00	3.00	$2/AC	1/8		$300/W
1	5	128	57	11/82	N.H. THOMAS HPS	J &J ENTERPRISES,INC.	50.00	1.00	$3.00/A	1/8		
1	7	124	76	3/82	O. LEGGETT	CHASE PETROLEUM	36.50	1.00	$5/AC	1/8	$5/AC	
1	3	128	61	11/82	R. DAVIS	RICHARD L. MCQUAID	134.00	2.00	$5.00/A	1/8		
1	7	124	72	3/82	R. LEGGETT	CHASE PETROLEUM	36.50	1.00	$5/AC	1/8	$5/AC	
1	7	124	74	3/82	V. LEGGETT	CHASE PETROLEUM	36.50	1.00	$5/AC	1/8	$5/AC	
1	3	124	42	3/82	WM. C. HURTT ETAL	SWIFT ENERGY CO.	108.00	2.00	$9.26/A	3/16		
1	3	129	626	3/83	A. DOAK	CNG PRODUCING CO.	191.00	5.00	$2/AC	1/8		$300/W
1	5	133	744	11/83	A. DOAK	CNG PRODUCING CO.	55.00	10.00	$2/AC	1/8		$300/W
1	5	129	329	1/83	C. WILSON	CNG PRODUCING CO.	112.00	1.00	$2/AC	1/8		$300/W
1	2	132	29	6/83	F. REED	C & P OIL & GAS CO.	67.50	1.50		1/8	$50/W	
1	7	132	663	9/83	J. LEGGETT	CHASE PETROLEUM	120.00	2.00	$5/AC	1/8	$5/AC	
1	3	129	618	3/83	L. CARDOT, ETAL	CNG PRODUCING CO.	19.00	5.00	$2/AC	1/8		$300/W
1	7	132	330	9/83	L. KIGER	CHASE PETROLEUM	50.50	1.00	$5/AC	1/8	$5/AC	
1	6	129	622	3/83	L. WOLFE	CNG PRODUCING CO.	52.00	3.00	$1/AC	1/8		$300/W
1	7	132	408	9/83	M. MCMAHON	CHASE PETROLEUM	50.50	1.00	$5/AC	1/8	$5/AC	
1	7	132	290	9/83	R. HOLLAND	CHASE PETROLEUM	50.50	1.00	$5/AC	1/8	$5/AC	
1	4	133	543	11/83	W. DAVIDSON	CHESTERFIELD ENERGY	87.00	2.00	$3/A	1/8	$300/W	
1	7	132	370	9/83	W. MEYER	CHASE PETROLEUM	50.50	1.00	$5/AC	1/8	$5/AC	
1	5	129	514	3/83	W. TETRICK	CNG PRODUCING CO.	36.05	5.00	$2/AC	1/8		$300/W
1	5	129	326	3/83	W. TETRICK	CNG PRODUCING CO.	112.00	1.00	$2/AC	1/8		$300/W
1	0	0138	61	11/84	CHIPPS, D.D.	ARTISIAN WELLS	36.00	1.00	$10/A	1/8		
1	3	134	227	1/84	G.S. KNIGHT	MIKE STORMS, CRUDE OIL CO,	14.50	1.00	$2.75/A	1/8		
1	0	0145	480	8/84	LEGGETT, R.	SAM GASTON	30.00	1.50		1/8		
1	0	0138	24	9/84	MARIN, EVELYN MAE	DEVON ENVESTOPS	27.00	3.00	$6/A	1/8		
1	0	0145	498	9/84	REED, FRANKIE	WEST VIRGINIA ENERGIES	70.00	1.00	$5/A	1/8		
1	0	0145	162	9/85	GALLIEN PROPERTIES INC.	RANGER PETROLEUM	67.00	2.00	$2.5/A	1/8		
1	0	0145	431	9/85	HALDEMAN, SUSAN ET VIR	STONEWALL GAS	96.00	2.00	$10/A	1/8		
1	0	0145	321	11/85	MARTIN, CARL ET UX	CLARENCE RUTSCHELKNAUS	40.00	2.00	$5/A	1/8		
1	0	0145	589	10/85	STICKLE, EDNA	CNG DEVELOPMENT	31.50	1.00	$2/A	1/8		
1	0	0071	240	12/85	WAUGH, KATHY ET VIR	STONEWALL GAS	96.00	1.00	$10/A	1/8		
1	0	0145	196	11/85	WELCH, MARY	ANVIL OIL AND GAS	97.62	1.00	$20/A	1/8		
1	0	0145	37	11/85	WHITE, ORA VIRGINIA	CNG DEVELOPMENT	70.00	1.00		1/8	$100/Y	
1	0	0146	73	2/86	ROGERS, RUTH D.	CNG DEVELOPMENT	233.00	5.00	$2/A	1/8		
1	0	0146	25	3/86	SUTTON, LORA	STONEWALL GAS	96.00	2.00	$10/A	1/8		

*** COUNTY TOTAL *** 6,367.57

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 10-FAYETTE

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	33	324	56	9/81	M. BUTCHER	EASTERN AMERICAN ENERGY	174.00	2.00	$3/A	5/32		
3	0	0430	415	11/84	BEHMIND LAND CO.	ASHLAND EXPLORATION	11,720.00	5.00	$2/A	1/8	$200/Y	
3	0	0427	683	7/84	CALVIN WARNER; MARY AND EDWARD LONG	ASHLAND EXPLORATION	88.17	5.00	$1/A	1/8		
3	0	0427	244	6/84	CHARLES AND SARA MILLER	UNION DRILLING	55.00	5.00	$5/A	1/8	$5/A	
3	0	0425	743	5/84	CLAUDE AND HELEN WISEMAN	CABOT OIL AND GAS	78.20	5.00	$3/A	1/8	$3/A	
3	0	0428	365	8/84	GEORGE AND MARION JONES; PATTY JONES	CABOT OIL AND GAS	1,340.00	5.00	$3/A	1/8	$3/A	
3	0	0428	462	8/84	JAK TRUST	ASHLAND EXPLORATION	82.66	2.00	$1/A	1/8		
3	0	0428	638	9/84	LILLIAN AND ROSA GREEN	CABOT OIL AND GAS	58.00	3.00	$3/A	1/8	$3/A	
3	0	0427	383	7/84	ROGER AND MITZI THOMPSON	CABOT OIL AND GAS	60.00	3.00	$2/A	1/8	$2/A	
3	0	0429	378	10/84	WILLIAM BURLEE, SR., TRUST	CABOT OIL AND GAS	1,333.00	5.00	$2/A	1/8	$2/A	
3	0	0432	51	1/85	BETTY AND VIRGIL MOORE	CITIES SERVICE	52.75	5.00		1/8	$1/A	
3	0	0436	274	8/85	CAMPBELL, ROSA	CITIES SERVICE OIL AND GAS	47.75	5.00	$1/A	1/8	$1/A	
3	0	0438	608	11/85	CHAPMAN, EVELYN	CABOT OIL AND GAS	179.00	5.00	$2/A	1/8	$2/A	$2/A
3	0	0435	45	6/85	CHARLES AND VIRGINIA KEENAM	JAMES F. SCOTT	2.50	1.00	$40/A	1/8		
3	0	0439	400	12/85	COLE, TOM	SCOTT OIL	58.49	.66	$5/A	1/8		
3	0	0439	402	12/85	CONLEY, GLADYS	SCOTT OIL	8.50	.50	$5/A	1/8		
3	0	0437	530	10/85	CRADDOCK, ROBERT	CABOT OIL AND GAS	59.25	2.00	$5/A	1/8	$2/A	$2/A
3	0	0437	41	9/85	DARLINGTON, L.	CABOT OIL AND GAS	105.00	5.00	$3/A	1/8	$2/A	$2/A
3	0	0439	238	12/85	DTA LAND COMPANY	CABOT OIL AND GAS	2,387.50	5.00	$4/A	1/8	$2/A	
3	0	0432	269	2/85	GEORGE AND MADELINE CALLISON	COLUMBIA GAS TRANSMISSION	491.00	10.00		1/8		
3	0	0432	55	2/85	GLADYS TILLER	CITIES SERVICE	52.75	5.00		1/8	$1/A	
3	0	0432	341	3/85	GRADIE AND KAREN LEGG	CABOT OIL AND GAS	144.00	5.00	$2/A	1/8	$2/A	
3	0	0439	77	5/85	HARRY & JOYCE COOK; JAMES & MILDRED COOK	CABOT OIL AND GAS	72.00	5.00	$2/A	1/8	$2/A	
3	0	0433	20	4/85	ISABELLA SMITH	CABOT OIL AND GAS	15.00	5.00	$2/A	1/8	$2/A	
3	0	0431	412	1/85	J. H. WALTER, INC.	PEAKE OPERATING CO.	1,124.00	5.00	$1/A	5/32		
3	0	0434	366	5/85	JANET AND MUNZIE YOPPOLO	CITIES SERVICE	52.75	5.00		1/8	$1/A	
3	0	0439	236	12/85	LECHALK, GEORGE	CABOT OIL AND GAS	43.00	5.00	$5/A	1/8	$2/A	$2/A
3	0	0437	43	9/85	MCGRAN, PAUL	CABOT OIL AND GAS	228.23	10.00	$3/A	1/8	$2/A	$2/A
3	0	0439	14	11/85	MILLER, JR. PHILLIP	CABOT OIL AND GAS	30.00	5.00	$5/A	1/8	$2/A	$2/A
3	0	0438	325	11/85	NICHOLS, JAMES	CABOT OIL AND GAS	76.20	5.00	$5/A	1/8	$2/A	
3	0	0439	401	12/85	ROCK, MELISSA	SCOTT OIL	8.50	.50	$5/A	1/8		
3	0	0437	179	9/85	SEWELL DEVELOPMENT COMPANY	CABOT OIL AND GAS	77.00	5.00	$3/A	1/8	$2/A	$2/A
3	0	0433	171	4/85	SIGLER MINING, INC.	ASHLAND EXPLORATION	111.32	5.00	$2/A	1/8		
3	0	0436	100	7/85	SKAGGS, JACK	ASHLAND EXPLORATION	66.00	3.00	$1/A	1/8	$1/A	
3	0	0426	25	7/85	ST. MARTINS' EPISCOPAL CHURCH	TXO PRODUCTION	606.13	5.00	$2.5/A	1/8	$2.5/A	
3	0	0438	274	10/85	TOLLIVER, LEWIS	CABOT OIL AND GAS	85.00	3.00	$5/A	1/8	$2/A	$2/A
3	0	0434	104	4/85	VIRGINIA AND MICHAEL BARKER	CABOT OIL AND GAS	56.24	5.00	$2/A	1/8	$2/A	
3	0	0439	406	12/85	WAGONER, ROSEMARY	SCOTT OIL	8.50	.50	$5/A	1/8		
3	0	0439	603	1/86	BRITT, BEULAH	CABOT OIL AND GAS	45.00	5.00	$5/A	1/8	$2/A	$2/A
3	0	0440	68	1/86	COLE, ALICE	SCOTT OIL	1.50	1.00	$5/A	1/8		
3	0	0440	320	2/86	FARLEY, CLAUDE	CABOT OIL AND GAS	45.00	5.00	$5/A	1/8	$2/A	$2/A
3	0	0440	318	2/86	KESTER, BEULAH	CABOT OIL AND GAS	45.00	5.00	$5/A	1/8	$2/A	$2/A
3	0	0440	436	2/86	MONTGOMERY INVESTMENTS	SCOTT OIL	18.42	1.00	$5/A	1/8		
3	0	0440	437	2/86	MONTGOMERY INVESTMENTS	SCOTT OIL	22.50	1.00	$5/A	1/8		
3	0	0439	552	1/86	MUSICK, MARK	SCOTT OIL	2.00	1.00	$5/A	1/8		
3	0	0439	601	1/86	PAYNE, LORELL	CABOT OIL AND GAS	79.12	5.00	$5/A	1/8	$2/A	$2/A
3	0	0440	44	1/86	REED, ORVAL	CABOT OIL AND GAS	59.00	5.00	$5/A	1/8	$2/A	$2/A
3	0	0440	322	2/86	ROBERTSON, MARGARET	CABOT OIL AND GAS	45.00	5.00	$5/A	1/8	$2/A	$2/A

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
					*** COUNTY TOTAL ***		21,599.93					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 11-GILMER

REPORT NO. TXOILP1 PAGE 17
CURRENT DATE: 04/23/86

OIL AND GAS SALES AND LEASE REPORT

R G N	ST	OI BOOK	DEED NO	PAGE DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	2	306	269	1/79	G. REED	ROBT. B. REED JR.	96.00	2.00	$2.00/A	1/8		
1	3	306	258	6/79	O. HARDMAN	BRAXTON OIL & GAS CORP	41.00	1.00	$9.76/A	1/8		
1	3	306	227	5/79	O.N. BUSH	INTERSTATE DRILLING INC	27.00	1.00	$2.00/A	1/8		
1	6	306	348	7/79	R. MATZ	PETROLEUM SERVICES, INC	40.00	2.00	$1.00/A	1/8		
1	6	315	147	10/80	E. KERNS	TRIO PETROLEUM	33.00	3.00	$2.00/A	1/8		
1	6	309	517	2/80	G. ELLYSON	CONSOLIDATED GAS	25.00	20.00	$1/A	1/8		
1	6	311	522	5/80	I. SMITH	MPM PETROLEUM	33.00	1.00	$2/A	1/8		
1	6	311	359	4/80	J. BRUENL	UNION DRILLING	3.42	3.00	$2/A	1/8		
1	1	315	545	9/80	KANAWHA VALLEY BANK	STERLING DRILLING	99.00	.00	$3.00/A	1/8		
1	1	309	513	2/80	M. SUMPTER	CONSOLIDATED GAS	74.00	5.00	$.40/A	1/8		$300/M
1	1	315	398	11/80	R. MCRUAIN	CARSON PETROLEUM	23.00	1.50	$5.00/A	1/8		
1	3	316	395	6/81	A. JONES	TRIO PETROLEUM	.75	2.00	$2/A	1/8		
1	1	320	5	4/81	C.N. VAHORN	PETROLEUM DEVELOPMENT CORP	75.00	5.00	$2.00/A	1/8		
1	1	317	378	3/81	E. MILLER	S & S; INC.	5.66	1.50	$.70/A	1/8		
1		320	44	6/81	I, SMITH	INTERSTATE DRILLING	32.62	1.00	$4/A	1/8		
1	3	324	56	9/81	M. BUTCHER	EASTERN AMERICAN ENERGY	174.00	2.00	$3/A	5/32		
1	3	318	398	3/81	M. LYNCH	TRIO PETROLEUM CO	27.00	3.00	$3.00/A	1/8		
1	2	321	588	9/81	R. E. HINCKLE	PRICE OIL CO	60.00	2.00	$5.00/A	1/8		
1	6	330	485	11/82	B. YOUNG	EXPLORA RESOURCES	20.00	3.00	$7/A	1/8		
1	6	330	489	11/82	B. YOUNG	EXPLORA RESOURCES	46.00	3.00	$7/A	1/8		
1	2	329	418	9/82	C. COPELAND	INTERSTATE DRILLING	106.00	1.00		1/8		
1	1	324	10	1/82	C, VANHORN	CARNEGIE NATURAL GAS	106.00	5.00	$2/A	1/8		
1	2	329	654	10/82	E, BRANNON, HR	PALE PIPELINE CO	70.00	2.00	$3.00/A			
1	3	328	617	8/82	F. BARKER	EXXTRA OIL CO.	137.00	1.00	$3.50/A	1/8		
1		324	494	2/82	G, MILLER	EMPIRE OIL & GAS	15.00	1.00	$3/A,$100-BONUS	5/32		
1	2	329	420	9/82	M. OSBOURN	PACE PIPELINE	18.30	.33	$3/A			
1	1	325	438	3/82	PARKERSBURG NATL. BANK	SWIFT ENERGY CO	67.00	2.00	$2.50/A	1/8		
1	6	329	21	8/82	R. MATZ	SWIFT ENERGY	40.00	1.00	$5.00/A	1/8		
1	3	328	596	8/82	T. PETERS	EASTERN AMERICAN ENERGY	47.00	1.00	$5/A	1/8		
1	0	0340	61	11/83	ASTOR AND MARY BURTON	CONSOLIDATED GAS	33.00	10.00	$1/A	1/8		$75/Q
1	0	0334	244	4/83	ASTOR AND MARY BURTON,ETAL	CONSOLIDATED GAS	31.00	6.00	$1	1/8		$75/Q
1	3	339	249	10/83	B. WALKINS	TRIO PETROLEUM	47.00	5.00	$5/A	1/8		
1	3	339	253	10/83	B. WATKINS	TRIO PETROLEUM	108.80	5.00	$5/A	1/8		
1	3	340	53	11/83	C. KEITH	TRIO PETROLEUM	29.26	3.00	$5/A	1/8		
1	0	0333	448	3/83	C. O. DENNISON	CONTINENTAL PETROLEUM	58.00	2.00	$4/A	1/8		
1	1	340	436	12/83	C. SIMSEL	EASTERN AMERICAN ENERGY	916.00	2.00	$7.50/A-Y1,$2.50/A	1/8		
1	3	338	141	6/83	D. RILEY	EASTERN AMERICAN ENERGY	117.99	3.00	$4/A	1/8		
1	0	0339	213	9/83	EVELYN TOWNSEND	TRIO PETROLEUM	108.80	5.00	$5/A	1/8		
1	0	0340	57	11/83	FAY KELLER, ETAL	NACO OIL AND GAS	48.00	3.00	$4/A	1/8		
1	0	0333	467	3/83	GEORGIA BOTANICIAN	NACO OIL AND GAS	40.13	2.00	$5/A	1/8		
1	0	0333	366	4/83	GERALD LONGSWORTH	TRIO PETROLEUM	84.00	1.00	$3/A	1/8		
1	1	340	395	12/83	KANAWHA UNION BANK	KAISER EXPLORATION	37.50	3.00	$5/A	1/8		
1	1	339	569	10/83	M. COLLINS	SWIFT ENERGY	50.50	2.00	$10/A	1/8		
1	6	340	383	12/83	M. TONNER	NACO OIL AND GAS	54.00	2.00	$4/A	1/8		
1	0	0338	105	6/83	MARGARET AND EDWIN BRIDGES	SWIFT ENERGY	45.00	3.00	$5/A	1/8	$5/A	
1	0	0338	103	6/83	MARGARET AND EDWIN BRIDGES	SWIFT ENERGY	57.75	3.00	$5/A	1/8	$5/A	
1	0	0335	457	5/83	MAX AND JEAN MARSHALL	TRIO PETROLEUM	41.50	3.00	$5/A	1/8		
1	0	0338	121	6/83	NELLIE R. STUMP	PENNZOIL	46.00	5.00	$1/A	1/8	$1/A	
1	0	0338	127	6/83	NELSON AND EDITH BAILEY	NACO OIL AND GAS	75.00	2.00	$5/A	1/8		

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	0	0340	468	12/83	NELSON AND MARY GARRETT	WACO OIL AND GAS	25.50	2.00	$5/A	1/8		
1	2	339	734	11/83	R. RONITO	GENE STALNAKER	135.00	5.00	$4/A	1/8		
1	0	0333	137	2/83	ROBERT AND KIMBERLY MOORE	CONTINENTAL PETROLEUM	110.00	1.60	$2/A	1/8		
1	0	0335	503	6/83	SCOTT AND DALE ZINN; MARY LOCKARD	WACO OIL AND GAS	110.00	.50	$5/A	1/8	$5/A	
1	0	0334	10	4/83	THELMA GREGG	WACO OIL AND GAS	46.50	1.00	$6/A	1/8	$100/Y	
1	1	340	59	11/83	V. BELL	TRIO PETROLEUM	78.13	5.00	$5/A	1/8		
1	0	0339	91	9/83	WILLARD AND BETTY WRIGHT	WACO OIL AND GAS	46.00	.25	$5/A	1/8	$5/A	
1	0	0333	451	3/83	MORTHY AND GOLDIE CONRAD	CONTINENTAL PETROLEUM	58.10	5.00	$5/A	1/8		
1	0	0343	74	4/84	ARLEN GAIL LYDICK	WACO OIL AND GAS	22.00	1.00	$5/A	1/8	1/4 DEL REN	
1	0	0346	364	8/84	BERNARD AND MARY GRAVES	HARRY BUSH	40.00	2.00	$10/A	1/8		
1	0	0349	412	6/84	BETH G. EDMISTON, ETAL	CONTINENTAL PETROLEUM	73.00	2.00	$5/A	1/8		
1	1	342	410	2/84	C. BRADFIELD	PENNZOIL	39.00	10.00		1/8		
1	0	0343	82	4/84	CRYSTALLINE AND ALVIN BAILEY	WACO OIL AND GAS	22.00	1.00	$5/A	1/8	1/4 DEL REN	
1	0	0343	166	4/84	DORIS D. YULMAN	WACO OIL AND GAS	27.03	2.00	$5/A	1/8	1/4 DEL REN	
1	0	0348	51	12/84	FORREST AND ALPHA LEWIS	WACO OIL AND GAS	52.00	2.00	$5/A	1/8	1/4 DEL REN	
1	0	0344	264	6/84	GERALD B. BENNETT	WACO OIL AND GAS	69.25	1.00	$5/A	1/8	1/4 DEL REN	
1	0	0342	51	1/84	J.R. AND GARNETT KENNEDY	TRIO PETROLEUM	84.00	1.00	$3/A	1/8		
1	0	0344	107	5/84	JUNE AND JOHN HAMBY, ETAL	EASTERN AMERICAN ENERGY	58.00	5.00	$5/A	1/8	$5/A	
1	0	0344	130	5/84	L. G. DELONG	EASTERN AMERICAN ENERGY	264.00	3.00	$5/A	1/8	$5/A	
1	3	342	358	2/84	L. STONER	CONTINENTAL PETROLEUM	32.50	3.00	$5/A	1/8		
1	0	0347	163	10/84	LANE HUTTER	WACO OIL AND GAS	59.10	1.00	$5/A	1/8	1/4 DEL REN	
1	0	0346	362	8/84	LEAH AND FRANK MARTINO	WACO OIL AND GAS	23.00	2.00	$5/A	1/8	1/4 DEL REN	
1	0	0344	40	5/84	LEONA REED; ALVIN AND PEGGY REED	EASTERN AMERICAN ENERGY	39.00	2.00	$5/A	1/8	$5/A	
1	0	0348	145	12/84	MARVIN AND FRANCIS GAINER	C.E.D. ENERGY RESOURCES	60.00	3.00	$7/A	1/8	$7/A	
1	0	0344	52	5/84	MARY AND WILLIAM DAVIS, ETAL	EASTERN AMERICAN ENERGY	38.00	2.00	$6/A	1/8	$6/A	
1	0	0344	423	6/84	MARY L. LEWIS; ANN M. LEWIS	WACO OIL AND GAS	133.75	2.00	$5/A	1/8	1/4 DEL REN	
1	0	0347	181	10/84	MAX AND JEAN MARSHALL	TRIO PETROLEUM	132.70	1.00	$3/A	1/8		
1	0	0347	179	10/84	ORA BUTCHER	TRIO PETROLEUM	132.70	1.00	.06¢/A	1/8		
1	0	0344	103	5/84	THOMAS MOORE TRUST ETAL	EASTERN AMERICAN ENERGY	66.00	2.00	$5/A	1/8	$5/A	
1	0	0346	26	7/84	WILLIAM AND MARY DAVIS	CONTINENTAL PETROLEUM	80.50	3.00	$5/A	1/8		
1	0	0347	149	10/84	YULA INGRAM	TRIO PETROLEUM	84.00	1.00	$3/A	1/8		
1	0	0350	190	3/85	CHARLES & MADELINE GILBERT	L. ZANE SHUCK	55.00	2.00	$2/A	1/8		
1	0	0350	238	3/85	CLAUD AND GLADYS COBERLY	CNG DEVELOPMENT CO.	45.00	2.00	$2/A	1/8		
1	0	0351	179	5/85	DOROTHY TIERNEY; DOROTHY GUERIN	WACO OIL AND GAS	97.00	2.00	$5/A	1/8	1/4 DEL REN	
1	0	0351	155	5/85	EARL RAY DRINWATER	TRIO PETROLEUM	108.80	3.00	$1/A	1/8		
1	0	0350	120	2/85	JEAN AND RONDALL ALFRED	CONTINENTAL PETROLEUM	125.00	3.00	$5/A	1/8		
1	0	0351	139	5/85	SAM AND RENA MORRISON	WACO OIG	88.00	2.00	$5/A	1/8	1/4 DEL REN	
1	0	0350	161	3/85	UNA JARVIS,ETAL.	WACO O & G	80.00	2.00	$5/A	1/8	1/4 DELAY	
1	0	0350	76	2/85	WILLIAM AND NELLIE GAINER	C.E.D. ENERGY RESOURCES	60.00	3.00	$7/A	1/8	$7/A	
1	0	0351	114	5/85	WM. & DORTHEA WILFONG/ELLEN&IRA LATIMER	EASTERN AMERICAN ENERGY	120.00	5.00	$5/A	1/8	$5/A	

*** COUNTY TOTAL *** 6,583.54

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 12-GRANT

OIL AND GAS SALES AND LEASE REPORT

R G N	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6	.	128	512	./ .		COLUMBIA GAS	.00	.00	$1.00/A			
6	.	128	693	./ .		EXXON	.00	.00	$1.00/A			
6	.	128	192	./ .		EXXON	.00	.00	$1.00/A			
6	.	131	146	./ .		CHAMPLAIN OIL	.00	.00	$1.00/A			
6	.	131	758	./ .		STERLING DRILLING & PROD.	.00	.00	$1.00/A			
6	.	131	774	./ .		UPSHUR AGENCY	.00	.00	$2.00/A			
6	.	131	772	./ .		UPSHUR AGENCY	.00	.00	$5.00/A			
6	.	131	778	./ .		UPSHUP AGENCY	.00	.00	$5.00/A			
6	2	126	102	3/79	H.K. ALT	EXXON CORP.	329.25	7.00	$1/AC	1/8	$1/AC	
6	2	126	111	4/79	ROMNEY ORCHARDS, INC.	EXXON CORP.	580.00	5.00	$1/AC	1/8	$1/AC	
6	5	128	516	3/80	D. SHREVE	COLUMBIA GAS TRANS. CORP.	540.50	5.00	$1/AC	1/8	$1/AC	$300/M
6	5	129	44	4/80	E. AMYOMER ETAL	COLUMBIA GAS TRANS. CORP.	131.50	5.00		1/8		$300/M
6	3	130	677	10/80	E. SIMMONS	STERLING DRILLING	146.15	10.00	$1/AC	1/8	$1/AC	
6	5	129	699	4/80	G. BALDWIN	L.D. BURKE	1,003.00	.00	$1/A,$2/A-BONUS	1/8	$1/A,$2/A-BONUS	
6	5	128	540	3/80	H. HUNTZING	COLUMBIA GAS TRANS. CORP.	165.00	5.00	$1/AC	1/8	$1/AC	$300/M
6	2	130	62	8/80	H.R. MCCULLOH	STERLING DRILLING	174.08	10.00	$1/AC	1/8	$1/AC	
6	2	129	489	1/80	J. RIZZO	EXXON CORP	100.00	10.00	$1/AC	1/8	$1/AC	
6	5	128	631	4/80	K. MCDNALL	UPLAND RESOURCES	847.00	10.00	$1/AC	1/8	$1/AC	$1/AC
6	3	130	54	8/80	LANDIMER, INC.	STERLING DRILLING	153.90	10.00	$1/A	1/8	$1/A	
6	.	129	177	6/80	N. ROHRBOUGH JR.	D & H OIL CO.	94.00	10.00	$1/AC,$2/AC-BONUS	1/8		
6	5	132	944	7/80	P. HOVIS, ETAL	H. HOFFMAN ETAL	909.39	5.00	$4/AC	1/8	$50/M	
6	5	130	428	10/80	R. KESSEL	CHAMPLIN PETROLEUM CO.	130.00	10.00	$1/AC	1/8	$1/AC	
6	.	128	252	1/80	R. MCCALLEY	UPLAND RESOURCES INC.	125.00	10.00	$1/AC	1/8		
6	3	130	675	10/80	R. SITES	STERLING DRILLING	19.50	10.00	$1/AC	1/8	$1/AC	
6	2	130	926	11/80	R. WILSON, JR.	CHAMPLIN PETROLEUM CO.	228.00	10.00	$1/AC	1/8	$1/AC	
6	5	129	179	6/80	R.M. WARNER	D AND H OIL COMPANY	35.00	10.00	$1/A-Y1$25/A-BONUS	1/8		
6	5		.	5/81	A. EVANS	CABOT OIL & GAS CORP	57.00	3.00	$5/AC	1/8	$5/AC	$2/AC
6	5	131	701	4/81	D. HANLIN	UPSHUR AGENCY	104.86	5.00	$5/AC	1/8	$50/M	$5/AC
6	3	132	620	7/81	B. HAYS, JR.	STERLING DRILLING	425.00	10.00	$1/A	1/8	$1/A	
6	2	132	742	4/81	C.L. COOK	C.E. BECK	272.81	10.00	$1/A	1/8	$1/A	
6	5	132	739	3/81	C.L. HALTERMAN	C.E. BECK	96.50	10.00	$1/A	1/8	$1/A	
6	5	133	668	5/81	D.D. HANLIN	C.E. BECK	117.20	10.00	$1/A	1/8	$1/A	
6	5	133	69	6/81	J. FRYE	COLUMBIA GAS TRANS. CORP.	975.00	5.00	$1/AC	1/8	$1/AC	$1/AC
6	2	133	695	11/81	J. KEPLINGER	BRIDGEWATER OIL CO.	50.00	5.00	$1/AC	1/8	$50/M	$2/AC
6	5	132	226	5/81	J. MEASENFORTH	PETROLEUM DEVELOPMENT CORPORATION	90.80	5.00	$3/A	1/8		
6	5	132	630	8/81	L.K. GROVES	STERLING DRILLING	180.00	10.00	$1/A	1/8	$1/A	
6	5	133	396	5/81	N. MCDONALD	UPSHUR AGENCY	77.00	5.00	$5/AC	1/8	$50/M	$2/AC
6	5	133	701	11/81	S. HARMAN, ETAL	ROYAL RESOURCES CORP	36.85	10.00	$1/AC	1/8	$50/M	
6	3	131	758	2/81	S.A. SMITH	STERLING DRILLING	217.65	10.00	$1/A	1/8	$1/A	
6	2	133	385	5/81	W.W. LAWRENCE, JR.	C.E. BECK	130.00	10.00	$1/A	1/8	$1/A	
6	5		.	3/82	D.W. WARNER	C.E. BECK	63.00	10.00	$1/A-Y1.$25/A-Y6	1/8	$1/A-Y1$25/A-Y6	
6	3	134	591	1/82	J.E. HARDY	C.E. BECK	83.00	10.00	$1/A	1/8	$1/A	
6	2	134	594	2/82	M.I. FRIEDMAN	C.E. BECK	82.00	10.00	$1/A	1/8	$1/A	
6	5	135	753	5/82	S. REXRODE	COLUMBIA GAS TRANS. CORP.	35.00	5.00	$1/AC	1/8	$1/AC	$300/M
6	5	138	821	10/83	EVER INC.	UNION DRILLING	353.00	5.00	$3/AC	1/8	$3/AC	
6	5	138	816	10/83	EVER INC.	UNION DRILLING	274.00	5.00	$3/AC,$10/AC-BONUS	1/8	$3/AC	
6	3	137	285	3/83	M. COSNER	C.E. BECK	1.00	10.00	$1/A	1/8		
6	3		.	3/83	M. DOLLY	C.E. BECK	27.00	10.00	$1/A	1/8	$1/A	
6	3	137	217	1/83	V. KISAMORE	C.E. BECK	60.00	10.00	$1/A-Y1$25/A-Y6	1/8	$1/A-Y1$25/A-Y6	

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
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OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED PAGE										
N	ST	BOOK	NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
*	**	****	****	*****	**********	**********	**********	********	**********	**********	**********	**********
						*** COUNTY TOTAL ***	9,519.94					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 13-GREENBRIER

REPORT NO. TXOILP1 PAGE 21
CURRENT DATE: 04/23/86

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	3	21	453	3/79	F. JARRETT	R. GADDY	346.00	10.00	$1/A	1/8	$1/A	
1	10	21	456	3/79	F. JARRETT	R. GADDY	569.50	10.00	$.50/A	1/8	$.50/A	
1	17	21	479	3/79	G. CHILDERS	R. GADDY	133.00	10.00	$1/A	1/8	$1/A	
1	2	21	482	3/79	K. BOSWELL	R. GADDY	301.00	10.00	$1/A	1/8	$1/A	
1	7	21	392	3/79	M. MITCHAM	R. GADDY	75.36	10.00	$1/A	1/8	$1/A	$1/A
1	8	21	377	3/79	N. HENSLEY	R. GADDY	273.00	10.00	$1/A	1/8	$1/A	
1	7	21	496	10/79	R. ELLIS	AMERICAN PUBLIC ENERGY	92.00	10.00	$1/A	1/8	$50/W	$2/A
1	9	21	500	10/79	R. RODGER	AMERICAN PUBLIC ENERGY	171.00	10.00	$1/A	1/8	$50/W	$2/A
1	8	23	329	12/80	C. HELHORN	ARCO	85.00	10.00	$1/A	1/8	$1/A	
1	8	23	251	6/80	D. CHRISTIAN	R. GADDY	38.50	10.00	$1/A	1/8	$1/A	
1	2	24	428	9/80	H.E. SHIFFLETT	STERLING DRILLING	116.50	10.00	$1/AC			
1	8	23	299	12/80	L. SPARKS	ROYAL RESOURCES	98.00	10.00	$1/A	1/8	$50/W	$2/A
1	3	23	367	12/80	L.M. POLAN	STERLING DRILLING	534.13	10.00	$1/A	1/8	$1/A	
1	9	23	216	9/80	M. ERSKINE	R. GADDY	197.00	10.00	$1/A	1/8	$1/A	
1	2	23	370	12/80	M. PEPRY	STERLING DRILLING	624.50	10.00	$1/A	1/8	$1/A	
1	12	23	395	5/80	M. PERSINGER	R. GADDY	349.92	10.00	$1/A	1/8	$1/A	
1	.	24	277	8/80	M.S. PERRY	BUEL H. NEECE	26.00	10.00	$1.00/A			
1	7	21	556	1/80	P. GABBERT	ROYAL RESOURCES	98.50	10.00	$1/A	1/8	$50/W	
1	8	23	230	5/80	R. LOUDERMILK	R. GADDY	113.39	10.00	$1/A	1/8	$1/A	
1	2	23	387	4/81	C. BOGGS	B. NEECE	54.00	10.00	$1/A	1/8	$1/A	
1	17	24	230	12/81	C. BUSKIRK	AMOCO	665.89	10.00	$1/A,$25/A-Y6	1/8	$1/A	$3/A
1	2	24	40	10/81	D. CALDWELL	C.E. BECK	210.00	10.00	$1.00/A			
1	2	24	222	12/81	D. POVIRK	C.E. BECK	483.00	10.00	$1/A, $25/A-Y6	1/8	$1/A	$1/A
1	9	24	73	10/81	D. WYLIE	AMOCO PRODUCTION	323.00	10.00	$1/A,$25/A-Y6	1/8	$1/A	$1/A
1	12	24	283	8/81	E. BREIT	S&S, INC.	118.00	5.00	$4/A	1/8	$50/W	
1	12	24	281	8/81	E. BREIT	S & S, INC.	22.00	5.00	$4/A	1/8	$50/W	
1	12	24	279	8/81	E. BREIT	S & S, INC.	619.00	5.00	$4/A	1/8	$50/W	
1	5	23	363	2/81	H. MOORE	STERLING DRILLING	93.92	10.00	$1/A	1/8	$1/A	
1	9	24	219	10/81	I. PORTER	C.E. BECK	2,331.00	10.00	$1/A;$25/A-Y6	1/8	$1/A	$1/A
1	2	24	285	11/81	L. CALHOUN	AMOCO PRODUCTION CO.	211.00	2.00	$1.00/A			
1	2	23	379	3/81	M. CHESTNUT	SOUTHERN ENERGY	33.00	10.00	$1/A	1/8	$1/A	
1	9	23	355	2/81	O. TIFFANY	ARCO	45.00	10.00	$1/A	1/8	$1/A	
1	3	23	351	2/81	R. COUSINS	ARCO	302.00	10.00	$1/A	1/8	$1/A	
1	9	23	389	4/81	R. SMITH	ARCO	96.00	10.00	$1/A	1/8	$1/A	
1	5	24	129	10/81	R. WOOD	S & S, INC.	375.00	5.00	$1/A-Y1,$2/A,$9/A-B0	1/8	$4/A	
1	2	24	225	12/81	V. SPANGLER	C.E. BECK	100.00	10.00	$1/A, $25/A-Y6	1/8	$1/A	$1/A
1	7	23	365	2/81	W. REED	STERLING DRILLING	100.00	10.00	$1/A	1/8	$1/A	
1	7	23	353	2/81	W. THORN	ARCO	267.70	10.00	$1/A	1/8	$1/A	
1	3	23	357	2/81	W.V. INDUSTRIAL PARKS SALES	STERLING DRILLING	379.40	10.00	$1/A	1/8	$1/A	
1	5	24	499	7/82	A. BOSTIC	C.E. BECK	7.00	10.00	$1/A	1/8	$1/A	
1	8	24	233	2/82	A. CALDWELL	C.E. BECK	51.00	10.00	$1/A,$25/A-Y6	1/8	$1/A	$1/A
1	5	24	490	7/82	A. WILLIAMS	C.E. BECK	6.00	10.00	$1/A	1/8	$1/A	
1	10	24	558	9/82	B. TULLIS	C.E. BECK	332.80	10.00	$1/A,$25/A-Y6	1/8	$1/A	$1/A
1	2	24	406	3/82	B.J. RYDER	C.E. BECK	30.00	10.00	$1.00/A			
1	5	24	457	2/82	C. KESSLER	C.E. BECK	72.00	10.00	$1/A,$25/A-Y6	1/8	$1/A	$1/A
1	17	24	412	3/82	C.E. BECK	C.E. BECK	5.10	10.00	$1/A,$25/A-Y6	1/8	$1/A	$1/A
1	2	24	507	9/82	D. JOHNSON	C.E. BECK	167.00	5.00	$1/A	1/8	$1/A	
1	5	24	384	1/82	E. LYALL	C.E. BECK	41.00	10.00	$1.00/A			
1	3	24	427	4/82	E. MCCLINTIC	J & J ENTERPRISES	22.00	5.00	$7/A	1/8	$50/W	

OIL AND GAS SALES AND LEASE REPORT

R G N	OI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	5	24	198	1/82	E. HYLES	J. STEELE	142.19	10.00	$1/A	1/8	$1/A	
1	5	24	502	7/82	F. HARRIS	C.E. BECK	1.00	5.00	$1/A	1/8	$1/A	
1	12	24	249	2/82	G. BRETT	J & J ENTERPRISES	86.00	5.00	$5/A	1/8	$50/W	
1	12	24	247	2/82	G. BRETT	J & J ENTERPRISES	35.00	5.00	$5/A	1/8	$50/W	
1	12	24	450	4/82	G. DEEM	CNG RODUCING	85.00	5.00	$2/A	1/8		$300/W
1	2	24	475	1/82	G. HODGES	C.E. BECK	37.93	10.00	$1/A, $25/A-Y6	1/8	$1/A	$1/A
1	9	24	364	2/82	G. TOTTEN	C.E. BECK	65.00	10.00	$1/A,$25/A-Y6	1/8	$1/A	
1	5	24	192	1/82	I. MITCHELL	J. STEELE	313.49	10.00	$1/A	1/8	$1/A	
1	2	24	487	6/82	J. LYALL	C.E. BECK	40.00	5.00	$1/A	1/8	41/A	
1	2	24	472	6/82	J.H. KINCAID	C.E. BECK	76.00	5.00	$1/AC			
1	17	24	418	2/82	J.H. WHITE	C.E. BECK	43.85	10.00	$1/AC			
1	10	24	403	3/82	L. NAPIER	C.E. BECK	332.80	10.00	$1/A,$25/A-Y6	1/8	$1/A	$1/A
1	10	24	533	9/82	M. WADE	C.E. BECK	332.80	10.00	$1/A,$25/A-Y6	1/8	$1/A	$1/A
1	2	24	496	6/82	M.B. MAY	C.E. BECK	167.00	5.00	$1/AC			
1	5	24	481	1/82	O.M. SHARP	C.E. BECK	33.00	10.00	$1/AC			
1	17	24	439	2/82	P. WILLIAMS	AMOCO	177.00	10.00	$1/A,$25/A-Y6	1/8	$1/A	
1	17	24	442	2/82	P.C. WILLIAMS JR.	AMOCO PRODUCTION	105.00	10.00	$1/AC			
1	17	24	445	2/82	P.C. WILLIAMS JR.	AMOCO PRODUCTION	664.00	10.00	$1/AC			
1	5	24	235	2/82	R. ELSWICK	C.E. BECK	71.20	10.00	$1/A,$25/A-Y6	1/8	$1/A	$1/A
1	2	24	409	2/82	R. SCOTT	C.E. BECK	30.00	10.00	$1/A,$25/A-Y6	1/8	$1/A	$1/A
1	5	24	179	1/82	V. LOW	AMOCO	211.00	2.00		1/8		
1	17	24	228	1/82	W. ALDERMAN	C.E. BECK	78.00	10.00	$1/A, $25/A-Y6	1/8	$1/A	
1	17	24	367	2/82	W.A. ALDERMAN	C.E. BECK	74.65	10.00	$1.00/A			
1	17	24	415	3/82	W.L. SWEET	C.E. BECK	6.00	10.00	$1/AC			
1	8	24	638	10/83	B. BRANDT	GREENBRIAR GAS DEVELOPMENT	107.00	1.00	$1/A	1/8		
1	12	24	671	12/83	G. BOLEY	CNG DEVELOPMENT	50.00	10.00	$3/A	1/8		$300/W
1	5	24	555	2/83	J. GOODWIN	C.E. BECK	48.00	5.00	$1/A	1/8	$1/A	
1	12	24	657	7/83	S. MILLER	CNG DEVELOPMENT	58.62	5.00	$3/A	1/8		$300/W
						*** C O U N T Y T O T A L ***	15,238.64					

STATE OF WEST VIRGINIA
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5	9	235	784	3/79	A. PEER	COLUMBIA GAS	495.00	2.00	$1/A	1/8		$300/W
5	5	242	506	12/79	A.P. BENNETT	COLUMBIA GAS TRANSMISSION	70.00	10.00	$1.00/A			
5	9	239	740	11/79	B. PEER	COLUMBIA GAS	495.00	1.00	$1/A	1/8		$300/W
5	9	240	414	12/79	C. HAINES	CONSOLIDATED GAS	7.00	20.00	$1/A	1/8		$300/W
5	9	240	434	12/79	C. HOTT	CONSOLIDATED GAS	22.10	10.00	$1/A	1/8		$300/W
5	9	239	167	9/79	E. ELAH	CONSOLIDATED GAS	118.00	3.00	$1/A	1/8		$225/W
5	5	242	510	12/79	J.B. BUTLER	COLUMBIA GAS TRANSMISSION	80.00	10.00	$1.00/A			
5	9	238	585	8/79	K. REXRODE	COLUMBIA GAS	65.00	20.00				$300/W
5	5	236	659	5/79	KNIPLAND CORP.	EXXON	296.00	10.00	$1/A,$3/A-BONUS	1/8	$1/A	
5	7	239	744	11/79	PANCAKE MOTOR CO.	EXXON	158.50	10.00	$1/A	1/8		
5	1	236	673	5/79	R. GERIS	EXXON	32.60	10.00	$1/A	1/8	$1/A	
5	9	238	699	9/79	T. JAMES	CONSOLIDATED GAS	21.00	5.00	$1/A	1/8		$225/W
5	5	239	749	11/79	T. ZEBLEY	EXXON	150.00	10.00	$1/A	1/8	$1/A	$300/W
5	10	241	521	2/80	C. POWNALL	UPLAND RESOURCES,INC.	628.00	10.00	$1/A	1/8	$1/A	$1/A
5	5	241	364	2/80	D. COOPER	CONSOLIDATED GAS	1,064.00	10.00	$1/A	1/8		$300/W
5	2	241	531	2/80	F. SPAID	ROYAL RESOURCES	227.00	10.00	$1/AC	1/8	$50/W	$2/AC
5	10	241	525	2/80	G. GARLAND	UPLAND RESOURCES, INC.	108.00	10.00	$1/A	1/8	$1/A	$1/A
5	6	241	380	2/80	G. LUDWICK	EXXON	276.00	10.00	$1/A	1/8	$1/A	
5	6	241	368	2/80	H. ELLITRITZ	EXXON	660.00	10.00	$1/A	1/8	$1/A	
5	5	242	522	5/80	H. STOKLOSA	COLUMBIA GAS	60.00	10.00	$1/AC	1/8	$1/AC	$300/W
5	1	242	518	5/80	I. LOY	COLUMBIA GAS	272.00	10.00	$1/AC	1/8	$1/AC	$300/W
5	9	242	78	4/80	L. BERRY	CONSOLIDATED GAS	16.47	10.00	$1/AC	1/8		$300/W
5	2	241	533	2/80	L. HAWKINS	ROYAL RESOURCES	80.00	10.00	$1/AC	1/8	$50/W	$2/AC
5	5	242	514	5/80	M. BRILL	COLUMBIA GAS	131.00	10.00	$1/AC	1/8	$1/AC	$300/W
5	2	241	529	2/80	P. HOLLIDAY	ROYAL RESOURCES	42.00	10.00	$1/A	1/8	$50/W	$2/AC
5	2	241	535	2/80	W. RILEY	ROYAL RESOURCES	130.00	10.00	$1/AC	1/8	$50/W	$2/AC
5	5	242	526	5/80	W. STARLING	COLUMBIA GAS	60.00	10.00	$1/AC	1/8	$1/AC	$300/W
5	5	249	752	5/81	ANN-POE CORP	C.E. BECK	76.25	10.00	$1/AC	1/8	$1/AC	
5	9	249	754	5/81	B. BASALAY	C.E. BECK	7.67	10.00	$1/AC	1/8	$1/AC	$1/AC
5	1	252	379	9/81	CONSOLIDATED ORCHARD CO.	AMINOIL USA, INC.	478.60	5.00	$1/AC	1/8	$1/AC	
5	1	252	382	9/81	CONSOLIDATED ORCHARD CO.	AMINOIL USA, INC.	664.35	5.00	$1/AC	1/8	$1/AC	
5	9	249	591	4/81	D. WALKER	C.E. BECK	10.20	10.00	$1/AC	1/8	$1/AC	
5	2	249	747	5/81	D.K. RUSSELL & SONS INC.	AMOCO	283.00	10.00	$1/AC	1/8	$1/AC	
5	5	252	53	9/81	E. BALDWIN	HAMPSHIRE GAS CO.	462.00	10.00	$1/AC	1/8	$1/AC	$1/AC
5	9	249	729	5/81	G. HOTT	COLUMBIA GAS	87.00	10.00	$1/AC	1/8		
5	9	249	734	5/81	G. HOTT	COLUMBIA GAS	87.00	20.00				$300/W
5	5	250	260	5/81	H. ALBRIGHT	CHARLEMAGNE INV. CORP.	87.00	10.00	$2/AC	1/8	$1/AC	
5	5	252	531	7/81	H.A. MULLEDY	C.E. BECK	20.00	10.00	$1.00/A			
5	7	249	750	4/81	J. ADKINS	C.E. BECK	325.75	10.00	$1/AC	1/8	$1/AC	$1/AC
5	7	252	376	9/81	J. BARTON	AMINOIL USA, INC.	310.00	10.00	$1/AC	1/8	$1/AC	$1/AC
5	5	252	425	10/81	J. DODGINS	HAMPSHIRE GAS CO.	129.43	10.00	$1/AC	1/8	$1/AC	
5	9	251	399	8/81	J. THURSTON	CNG. PRODUCING CO.	122.00	5.00	$1/AC	1/8		
5	5	252	57	9/81	M. MORELAND	HAMPSHIRE GAS CO.	242.00	10.00	$1/AC	1/8	$1/AC	$1/AC
5	9	249	589	4/81	S. THOMAS	C.E. BECK	5.29	10.00	$1/AC	1/8	$1/AC	
5	.	254	635	2/82	B. WILSON	UPLAND RESOURCES	280.00	3.00	$3/AC	1/8		
5	9	254	660	2/82	C.E. FRYE FARMS INC.	AMOCO. PROD. CO.	379.00	10.00	$1/AC,$25/AC-6TH YR	1/8	$1/AC	
5	6	256	785	7/82	D. POLING	ROYAL RESOURCES	117.00	10.00	$1/AC	1/8	$50/W	$2/AC
5	5	254	522	2/82	E. BELT	AMINIOL USA, INC.	65.00	5.00	$1/AC	1/8	$50/W	$2/AC
5	5	250	231	7/82	I.P. PASECHIP	HAMPSHIRE GAS CO	137.50	5.00	$3.00/A			

OIL AND GAS SALES AND LEASE REPORT

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5	5	254	666	2/82	J. HOUCK	C.E. BECK	90.69	10.00	$1/AC$7.50/AC-6TH YR	1/8	$1/AC	$1/AC
5	5	258	631	10/82	J. KIDWELL	HAMPSHIRE GAS CO.	245.00	10.00	$1/AC	1/8	$1/AC	$1/AC
5	.	256	131	5/82	J. MASON	AMOCO. PROD. CO.	859.00	10.00	$1/AC,$25/AC-6TH YR	1/8	$1/AC	
5	7	256	765	5/82	J. PANCAKE	C.E. BECK	84.20	10.00	$1.00/A			
5	6	257	543	6/82	J.D. THOMAS	C.E. BECK	20.00	10.00	$1.00/A			
5	9	255	21	1/82	J.O. COOPER	C.E. BECK	1.00	5.00	$1.00/A			
5	5	258	391	7/82	K.J. HODSON	HAMPSHIRE GAS CO.	219.00	10.00	$3.00/A			
5	1	254	669	2/82	L. LEVIN	C.E. BECK	429.50	10.00	$1/AC,$15/AC-6TH YR	1/8	$1/AC	
5	9	258	395	9/82	L.M. HASTINGS	HAMPSHIRE GAS CO.	23.89	10.00	$3.00/A			
5	7	255	583	1/82	POTOMAC IMPROVEMENT CO.	C.E. BECK	859.00	10.00	$1.00/A			
5	7	255	576	4/82	R. DEAN	C.E. BECK	17.00	10.00	$1/AC,$25/AC-6TH YR	1/8	$1/AC	
5	5	259	653	11/82	R. HAINES	HAMPSHIRE GAS CO.	100.00	10.00	$1/AC	1/8	$1/AC	$1/AC
5	5	259	221	10/82	R.J. KNOTTS	HAMPSHIRE GAS CO.	50.00	10.00	$1/AC	1/8	$1/AC	
5	9	256	127	5/82	S. ALDERMAN	C.E. BECK	1.00	5.00	$1/AC	1/8	$1/AC	$/1AC
5	2	256	41	5/82	W. COTTRELL ETAL	NEW FRONTIER EXPLORATION	200.00	5.00	$1/AC	1/8	$1/AC	
5	5	259	645	11/82	W. LANDIS	HAMPSHIRE GAS CO.	113.00	10.00	$1/AC	1/8	$1/AC	
5	1	256	60	5/82	W. WARNKE ETAL	NEW FRONTIER EXPLORATION	185.00	5.00	$1/AC	1/8	$1/AC	
5	5	265	1	8/83	C. MARTIN	HAMPSHIRE GAS CO.	105.50	10.00	$1/AC	1/8	$1/AC	$1/AC
5	1	260	456	1/83	C. MILLER	CONSOLIDATED GAS SUPPLY	119.00	20.00	$1/AC	1/8		$300/M
5	9	264	403	8/83	D. HUDSON	COLUMBIA GAS TRANS. CORP.	128.00	20.00				$2/AC OR $300/M
5	9	264	407	8/83	D. HUDSON	COLUMBIA GAS TRANS. CORP.	128.00	10.00	$1/AC	1/8		
5	9	264	674	8/83	E. BARNES	HAMPHIRE GAS CO.	52.42	10.00	$1/AC	1/8	$1/AC	$1/AC
5	9	264	392	8/83	F. COMBS	COLUMBIA GAS TRANS. CORP.	7.00	10.00	$1/AC	1/8	$1/AC	
5	9	263	296	6/83	H. STUELER, ETAL	COLUMBIA GAS TRANS. CORP.	90.00	10.00	$1/AC	1/8	$1/AC	
5	9	260	589	2/83	J. RACEY	HAMPSHIRE GAS CO.	136.00	10.00	$1/AC	1/8	$1/AC	
5	5	266	17	10/83	J.B. LEWIS	HAMPSHIRE GAS CO.	215.32	10.00	$1/AC	1/8	$1/AC	$1/AC
5	5	260	593	2/83	L. KNOTTS	HAMPSHIRE GAS CO.	25.50	10.00	$1/AC	1/8	$1/AC	
5	9	265	17	6/83	L.R. GREEN	HAMPSHIRE GAS CO.	24.00	10.00	$1/AC	1/8	$1/AC	$1/AC
2	0	0200	214	12/83	NANCY AND ROBERT SNOWDEN	KAISER EXPLORATION AND MINING	258.00	3.00	$5/A	1/8	$5/A	
5	9	266	119	10/83	O. FRYE	HAMPSHIRE GAS CO.	142.00	10.00	$1/AC	1/8	$1/AC	
5	5	263	282	6/83	R. MCNAIR	HAMPSHIRE GAS CO.	44.58	10.00	$1/AC	1/8	$1/AC	
5	9	266	115	10/83	T. FUNK	HAMPSHIRE GAS CO.	28.86	10.00	$1/AC	1/8	$1/AC	
5	0	0000	446	3/84	ANN M. HILL	HAMPSHIRE GAS	42.21	10.00	$1/A	1/8	$1/A	
2	0	0190	484	2/84	ARDELLA CASTO	DEVON ENERGY CORP. AND MYCOTEX GAS TRANS	83.00	1.00	$5/A	1/8	$5/A	
5	0	0000	230	9/84	ELSIE M. LOY	HAMPSHIRE GAS	129.00	10.00	$1/A	1/8	$1/A	
2	0	0195	462	10/84	EVA JUNE AND WILLIAM G. WILSON	KAISER EXPLORATION AND MINING CO.	51.00	3.00	$5/A	1/8	$5/A	
5	0	0000	216	6/84	FRANK G. CLEMSON	HAMPSHIRE GAS	105.00	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	226	9/84	GOLDA FULTZ	HAMPSHIRE GAS	150.00	10.00	$1/A	1/8	$1/A	
5	0	0000	454	2/84	H. EALER;HN &SALLY KIRCHIRD;H.HAASE	HAMPSHIRE GAS	30.00	3.00	$1/A	1/8	$1/A	$1/A
2	0	0195	484	9/84	JUDA WESTBURG	CARL E. SMITH PETROLEUM, INC.	30.00	5.00	$5/A	1/8		
5	0	0000	184	3/84	KARL V. SHANHOLTZER	HAMPSHIRE GAS	160.00	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	192	3/84	KARL V. SHANHOLTZER	HAMPSHIRE GAS	324.00	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	346	2/84	LOY DOLAN	HAMPSHIRE GAS	13.18	10.00	$1/A	1/8	$1/A	$1/A
2	0	0195	490	11/84	MARY CAMDEN STARCHER	SPARTAN GAS COMPANY	350.00	5.00	$5/A	1/8		
5	0	0000	210	5/84	PEOPLE'S NATIONAL BANK LEESBURG	HAMPSHIRE GAS	93.00	10.00	$1/A	1/8	$1/A	$1/A
2	0	0195	705	12/84	R. O. SAYRE	TXO PRODUCTION CORP.	80.00	5.00	$1/A	1/8	$1/A	
5	0	0000	165	2/84	ROBERT G. SCEARCE	HAMPSHIRE GAS	181.50	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	200	8/84	ROBERT L. & ROSCOE L. BELT	HAMPSHIRE GAS	89.00	10.00	$1/A	1/8	$1/A	$1/A
2	0	0195	468	10/84	ROBERT R. AND EDYTH NUZUM	KAISER EXPLORATION AND MINING CO.	183.00	2.00	$5/A	1/8	$5/A	

STATE OF WEST VIRGINIA
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5	0	0000	159	2/84	S.I.SHILKO & H.A. NEWMAN,JR.	HAMPSHIRE GAS	38.62	10.00	$1/A	1/8	$1/A	
5	0	0000	236	8/84	TEDDY J. & BRENDA SMITH	HAMPSHIRE GAS	42.73	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	244	8/84	WALLACE J. & MARY ANN SMITH	HAMPSHIRE GAS	24.38	10.00	$1/A	1/8	$1/A	
5	0	0000	352	3/84	WINIFRED TUTWILER	HAMPSHIRE GAS	13.18	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	399	2/85	ANDREW D. HOTT	HAMPSHIRE GAS	30.00	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	393	2/85	GLADYS V. MORELAND	HAMPSHIRE GAS	14.89	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	357	2/85	KENNETH H. ARNOLD	HAMPSHIRE GAS	40.00	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	415	4/85	LOIS M. HOCKENSMITH	HAMPSHIRE GAS	127.00	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	218	3/85	LOUIS H. & EULA P. GRABIEL	HAMPSHIRE GAS	147.00	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	423	5/85	LYLE F. & RACHEL A. HILL	HAMPSHIRE GAS	59.21	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	345	4/85	MABLE V. LANHAM	HAMPSHIRE GAS	16.54	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	385	4/85	MONTAIN HERITAGE REALTY CO.	HAMPSHIRE GAS	642.25	10.00	$1/A	1/8	$1/A	$1/A
2	0	0200	55	5/85	ROBERT L. AND JOANN RHODES	CARL E. SMITH PETROLEUM, INC.	163.00	1.00	$5/A	1/8		
5	0	0000	407	2/85	ROBERT W. & CONSTANCE GREENSTREET	HAMPSHIRE GAS	30.16	10.00	$1/A	1/8	$1/A	$1/A
2	0	0200	182	5/85	SHEILA AND MICHAEL CESTARIC	KAISER EXPLORATION AND MINING	6.00	5.00	$30/A	1/8	$30/A	
5	0	0000	365	4/85	THOMAS E. MATTHEWS	HAMPSHIRE GAS	299.13	10.00	$1/A	1/8	$1/A	$1/A
					*** C O U N T Y T O T A L ***		18,930.55					

STATE OF WEST VIRGINIA
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OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED, PAGE BOOK	NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	4	25	602	10/79	J.S. THOMAS	GLOBE REFRACTORIES	65.00	10.00	$2/A	1/8	$2.00/A	
5	3	24	584	11/80	D.M. GREEN	C.O.G. SERVICES,INC	3.00	10.00	$6.67/A	1/8	$2.00/A	$2.00/A
5	3	24	580	1/81	A. L. REED	GLOBE REFRACTORIES	13.00	3.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	3	24	668	3/81	A.F. KLAKOS	GLOBE REFRACTORIES	103.00	3.00	$2.00/A	1/8	$2.00/A	$2.00/A
5	1	25	240	10/81	BARONE REALTY SERVICE CO	GLOBE REFRACTORIES	71.00	1.00	$2.00/A	1/8	$2.00/A	
5	4	25	628	3/81	C. LESTER SIX	GLOBE REFRACTORIES	2.00	1.00	$10.00/A	1/8	$2.00/A	$1.00/A
5	3	24	568	2/81	C.P. GROSSI	GLOBE REFRACTORIES	1.00	10.00	$20.00/A	1/8	$2.00/A	$1.00/A
5	4	25	633	3/81	C.R. & P.H. SIX	GLOBE REFRACTORIES	129.00	1.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	4	24	651	1/81	D.C. KINSELL	GLOBE REFRACTORIES	61.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	4	25	269	10/81	D.E. SANTEE	GLOBE REFRACTORIES	110.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	3	24	572	2/81	E. GRACE	GLOBE REFRACTORIES	21.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	3	25	285	9/81	E. GRINES	GLOBE REFRACTORIES	107.00	1.00	$2/A	1/8	$2.00/A	
5	3	24	576	2/81	F. MURRAY	C.O.G. SERVICES,INC	1.00	10.00	$20.00/A	1/8	$2.00/A	$1.00/A
5	1	25	42	5/81	F.P. & M.J. LARRIMORE	GLOBE REFRACTORIES	73.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	3	24	564	2/81	H. DESIMONE	GLOBE REFRACTORIES	50.00	5.00	$2.00/A	1/8	$2.00/A	
5	3	24	664	3/81	J.A. SHREVE	GLOBE REFRACTORIES	110.00	3.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	3	25	62	4/81	J.E. JOSSI	GLOBE REFRACTORIES	2.00	3.00	$10.00/A	1/8	$1.00/A	$1.00/A
5	3	25	614	2/81	J.J JANURA	GLOBE REFRACTORIES	86.00	3.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	1	25	277	7/81	J.M FRANKOVITCH	GLOBE REFRACTORIES	38.00	10.00	$2.00/A	1/8	$1.00/A	$1.00/A
5	1	25	289	10/81	J.P HUKILL	GLOBE REFRACTORIES	179.00	1.00	$2/A	1/8	$2.00/A	
5	3	25	54	4/81	J.W & GRACE HARLESS	GLOBE REFRACTORIES	1.00	3.00	$20.00/A	1/8	$1.00/A	$1.00/A
5	4	25	623	3/81	J.W SIX	GLOBE REFRACTORIES	14.00	1.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	3	24	532	1/81	J.W. MASTRANTONI	GLOBE REFRACTORIES	107.00	10.00	$1.21/A	1/8	$2.00/A	$1.00/A
5	3	24	680	3/81	JOHN L. & MARGUERITE CARSON	GLOBE REFRACTORIES	138.00	5.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	1	25	244	9/81	L. M. BENNETT	GLOBE REFRACTORIES	100.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	4	24	672	3/81	L. MONROE	GLOBE REFRACTORIES	27.00	10.00	$2.00/A	1/8	$1.00/A	$1.00/A
5	4	25	618	3/81	L. SIX	GLOBE REFRACTORIES	5.00	1.00	$4.00/A	1/8	$1.00/A	$1.00/A
5	4	25	636	3/81	LEONARD & HAZEL SIX ETAL	GLOBE REFRACTORIES	110.00	1.00	$2.00/A	1/8	$1.00/A	$1.00/A
5	1	25	281	8/81	M.E FRANKOVITCH	GLOBE REFRACTORIES	110.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	4	25	50	4/81	N.W. & E.R. KNIGHT	GLOBE REFRACTORIES	2.00	10.00	$10.00/A	1/8	$2.00/A	$1.00/A
5	3	25	58	4/81	NELLIE KLAKOS	GLOBE REFRACTORIES	7.00	3.00	$6.67/A	1/8	$1.00/A	
5	3	24	660	3/81	NEW CUMBERLAND VOLUNTEER FIRE CO.	GLOBE REFRACTORIES	10.00	10.00	$2.00/A	1/8	$1.00/A	$1.00/A
5	3	25	606	2/81	NR BUSICK	GLOBE REFRACTORIES	77.00	3.00	$2/A	1/8	$2.00/A	$1.00/A
5	3	25	610	2/81	NR BUSICK	GLOBE REFRACTORIES	77.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	3	24	592	1/81	O.K. LAWYER	GLOBE REFRACTORIES	1.00	10.00	$20.00/A	1/8	$2.00/A	$1.00/A
5	3	24	656	3/81	OAK GLEN DEVELOPMENT ETAL	GLOBE REFRACTORIES	84.00	20.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	3	24	552	2/81	P. BARNHART	GLOBE REFRACTORIES	130.00	3.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	3	24	524	2/81	P.E. PUGH	GLOBE REFRACTORIES	1.00	10.00	$20.00/A	1/8	$1.00/A	$1.00/A
5	3	24	528	2/81	P.E. PUGH	GLOBE REFRACTORIES	1.00	10.00	$20.00/A	1/8	$1.00/A	$1.00/A
5	5	17	61	9/81	R. HEALEY	DELTA DRILLING	154.00	5.00	$1.67/A	1/8	$1/67/A	
5	3	24	568	1/81	R. PHILLIPS	GLOBE REFRACTORIES	76.00	5.00	$2.00/A	1/8	$2.00/A	
5	3	24	544	2/81	R.A. SHAW	GLOBE REFRACTORIES	20.00	1.00	$2.00/A	1/8	$2.00/A	
5	3	24	520	2/81	R.L. CARSON	GLOBE REFRACTORIES	211.00	10.00	$2.00/A	1/8	$2.00/A	
5	3	24	548	2/81	S. A. MINESINGER	GLOBE REFRACTORIES	70.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	3	24	540	2/81	V. LEIBOWITZ	GLOBE REFRACTORIES	80.00	1.00	$2.00/A	1/8	$2.00/A	
5	4	25	46	5/81	V.E & M.L STREETS	GLOBE REFRACTORIES	32.00	3.00	$2.00/A	1/8	$2.00/A	$1.00/A
5	3	24	560	2/81	W. GRAHAM	GLOBE REFRACTORIES	70.00	5.00	$2.00/A	1/8	$2.00/A	
5	1	25	273	7/81	W.B. CULLEY	GLOBE REFRACTORIES	260.00	2.00	$2.00/A	1/8	$2.00/A	
5	3	24	506	1/81	W.J. HERRON	GLOBE REFRACTORIES	40.00	10.00	$2.00/A	1/8	$2.00/A	$1.00/A

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 15-HANCOCK

REPORT NO. TXDILP1 PAGE 27
CURRENT DATE: 04/23/86

OIL AND GAS SALES AND LEASE REPORT

R G	DI	BOOK	DEED PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	4 25		36	4/81	WATERFORD PARK	GLOBE REFRACTORIES	600.00	10.00	$2.00/A	1/8	$2.00/A	
5	4 25		265	4/81	WATERFORD PARK	GLOBE REFRACTORIES	383.00	10.00	$2.00/A	1/8	$2.00/A	
5	3 24		676	3/81	WILLIAM F & CATHERINE MARSH	GLOBE REFRACTORIES	15.00	10.00	$2.00/A	1/8	$2.00/A	$3.00/A
5	3 17		108	2/82	I. SNYDER	CABOT	20.00	5.00	$5/A			

*** COUNTY TOTAL *** 4,258.00

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 16-HARDY

REPORT NO. TXOILP1 PAGE 28
CURRENT DATE: 04/23/86

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6	5	162	340	12/79	A KERNS	C.E. BECK	187.00	10.00	$1.00/A	1/8	$1.00/A	$1.00/A
6	2	155	304	4/79	B. HAMILTON	COLUMBIA GAS	266.40	10.00	$1/A	1/8		
6	2	155	309	4/79	B. HAMILTON	COLUMBIA GAS	266.40	20.00	$1/A			$1/A
6	1	156	374	6/79	B. HOEN	WEAVER OIL & GAS	8,550.00	10.00	$.05/A	1/8		
6	1	157	333	7/79	C. DOVE	OKMAR OIL	36.00	10.00	$1/A	1/8	$1/A	$1/A
6	2	154	625	1/79	C. FUNKHOUSER	COLUMBIA GAS	90.00	5.00	$1/A	1/8		$300/W
6	3	156	325	9/79	B. HANSE	OKMAR OIL	250.00	10.00	$1/A	1/8	$1/A	$1/A
6	5	162	353	12/79	H. DASHER	C.E. BECK	129.00	10.00	$1.00/A	1/8	$1.00/A	$1.00/A
6	3	158	200	11/79	I. VANMETER	EXXON	24.52	10.00	$1/A	1/8	$1/A	
6	3	158	194	11/79	J. ALDEN	EXXON	7.12	10.00	$1/A	1/8	$1/A	
6	3	158	197	11/79	J. JOHNSON	EXXON	.00	10.00		1/8	$50/W	
6	2	154	768	3/79	J. MILTON	OKMAR OIL	383.50	5.00	$1/A	1/8	$1/A	$1/A
6	2	156	87	4/79	M. SHUPP	COLUMBIA GAS	22.00	5.00	$1/A	1/8	$1/A	$300/W
6	.	162	337	12/79	MOUNTAIN FARMS	C.E. BECK	144.00	10.00	$1.00/A	1/8	$1.00/A	
6	1	157	329	9/79	P. MILLER	OKMAR OIL	97.00	10.00	$1/A	1/8	$1/A	$1/A
6	2	155	313	2/79	W. MALCOLM	COLUMBIA GAS	154.00	5.00	$1/A	1/8	$1/A	$300/W
6	3	163	73	8/80	A. ELKINS	STERLING DRILLING	417.50	10.00	$1/A	1/8	$1/A	
6	5	164	612	8/80	F. WILLIAMS	CHAMPLIN PETROLEUM	228.00	10.00	$1/A	1/8	$1/A	
6	5	164	608	12/80	G. HALTERMAN	CHAMPLIN PETROLEUM	119.12	10.00	$1/A	1/8	$1/A	
6	2	162	346	6/80	G. JENKINS	C.E. BECK	177.05	10.00	$1/A	1/8	$1/A	$1/A
6	2	162	348	6/80	G. WHETZELL	C.E. BECK	50.00	10.00	$1/A	1/8	$1/A	$1/A
6	5	162	352	6/80	H. ZIRK	C.E. BECK	76.00	10.00	$1/A	1/8	$1/A	$1/A
6	5	162	344	6/80	J. DOVE	C.E. BECK	106.00	10.00	$1/A	1/8	$1/A	$1/A
6	5	163	281	5/80	J.W. VETTER	C.E. BECK	51.00	10.00	$1.00/A	1/8	$1.00/A	$1.00/A
6	1	163	276	5/80	K.C. LUDWIG	C.E. BECK	17.00	10.00	$1.00/A	1/8	$1.00/A	$1.00/A
6	3	163	62	8/80	R. SMITH	STERLING DRILLING	20.25	10.00	$1/A	1/8	$1/A	
6	3	163	275	4/80	R.H. LEIGH	C.E. BECK	91.14	10.00	$1.00/A	1/8	$1.00/A	$1.00/A
6	3	162	342	6/80	S. MONGOLD	C.E. BECK	31.00	10.00	$1/A	1/8	$1/A	$1/A
6	2	162	356	6/80	TURNER HAMS, INC.	C.E. BECK	26.25	10.00	$1/A	1/8	$1/A	$1/A
6	2	160	379	3/80	V. MOYERS	ROYAL RESOURCES	73.00	10.00	$1/A	1/8	$50/W	
6	2	160	377	3/80	W. SHIPE	ROYAL RESOURCES	130.00	10.00	$.50/A	1/8	$50/W	
6	1	165	63	7/80	W.H. HEWITT	C.E. BECK	64.00	10.00	$1.00/A	1/8	$1.00/A	$1.00/A
6	5	166	355	3/81	A. HYDE	CHAMPLIN PETROLEUM	228.00	10.00	$1/A	1/8	$1/A	
6	1	165	440	2/81	B. BOWERS	EXXON	.00	10.00		1/8	$50/W	
6	2	165	566	1/81	C. DOVE	COLUMBIA GAS TRANSMISSION	70.00	5.00	$1.00/A	1/8		$300/W
6	5	167	768	7/81	D. CAIN	AMINOIL	82.00	10.00	$1/A	1/8	$50/W	$2/A
6	5	166	185	8/81	H. ORTGIES	AMOCO	37.20	10.00	$1/A	1/8	$1/A	
6	5	167	770	7/81	J. HARDY	AMINOIL	55.00	10.00	$1/A	1/8	$50/W	$2/A
6	2	23	379	3/81	M. CHESTNUT	SOUTHERN ENERGY	33.00	10.00	$1/A	1/8	$1/A	
6	5	167	659	6/81	M. WILLIAMS	CHAMPLIN PETROLEUM	228.00	10.00	$1/A	1/8	$1/A	
6	1	167	772	7/81	P. HELTZEL	AMINOIL	118.00	10.00	$1/A	1/8	$50/W	$2/A
6	3	163	349	4/81	R. L. ORNDORFF	COLUMBIA GAS TRANSMISSION	156.00	10.00	$1.00/A	1/8		
6	3	166	6	1/81	R. L. ORNDURFF	COLUMBIA GAS TRANSMISSION	210.00	20.00	$1.00/A			$300/W
6	3	165	744	1/81	R. L. ORNFURFF	COLUMBIA GAS TRANSMISSION	243.00	20.00	$1.00/A			$300/W
6	1	167	38	6/81	R. RAINES	CHAMPLIN PETROLEUM	109.75	10.00	$1/A	1/8	$1/A	
6	1	166	365	4/81	R. SERRAPERE	EXXON	.00	10.00		1/8	$50/W	
6	2	168	575	10/81	R. SHARP	WEEKS PETROLEUM	93.82	5.00	$1/A	1/8	$1/A	
6	.	168	99	8/81	T. HUTCHLER	MORRIS EXPLORATION	683.00	10.00	$1/A	1/8	$1/A	
6	3	167	766	./81	W. HAGGERTY	AMINOIL	210.00	10.00	$1/A	1/8	$50/W	$2/A

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6	5	168	358	4/81	W.D. MCCLOUD	STERLING DRILLING	986.33	10.00	$1.00/A	1/8	$1.00/A	
6	2	170	772	3/82	A. ASHBY	C.E. BECK	49.00	10.00	$1/A, $25/A-Y6	1/8	$1/A	$1/A
6	.	173	192	9/82	C. COMBS	COLUMBIA GAS TRANSMISSION	42.34	20.00	$2.00/A			$300/W
6	.	173	187	9/82	C. COMBS	COLUMBIA GAS TRANSMISSION	42.34	10.00	$1.00/A	1/8		
6	5	171	163	4/82	C. PEED	C.E. BECK	203.00	10.00	$1/A, $25/A-Y6	1/8	$1/A	
6	.	172	573	6/82	C.D WILLIAMS	C.E. BECK	25.10	10.00	$1./A.Y1,$25./A.Y6	1/8	$1.00/A	
6	1	170	769	3/82	D. RIGLER	C.E. BECK	60.00	10.00	$1/A, $25/A-Y6	1/8	$1/A	$1/A
6	5	170	766	3/82	D. VANCE	C.E. BECK	60.00	10.00	$1/A,$25/A-Y6	1/8	$1/A	$1/A
6	2	170	684	3/82	E. SOUDER	ROYAL RESOURCES	50.00	10.00	$1/A	1/8	$50/W	
6	3	171	180	4/82	G. KINCAID	NEW FRONTIER EXPLORATION	168.00	5.00	$1/A	1/8		
6	5	170	506	2/82	H. WHETZEL	NEW FRONTIER EXPLORATION	314.00	5.00	$1/A	1/8	$1/A	
6	2	170	379	1/82	J. BASYE	NEW FRONTIER EXPLORATION	49.00	5.00	$1/A	1/8	$1/A	
6	2	170	381	1/82	J. BASYE	NEW FRONTIER EXPLORATION	73.00	5.00	$1/A	1/8	$1/A	
6	5	171	160	4/82	N. REED	C.E. BECK	203.00	10.00	$1/A,$25/A-Y6	1/8	$1/A	
6	3	171	182	4/82	R. ELOSSER	COLUMBIA GAS	43.00	20.00				$300/W
6	3	171	186	4/82	R. ELOSSER	COLUMBIA GAS	43.00	10.00	$1/A	1/8		
6	2	170	385	1/82	R. WHETZEL	NEW FRONTIER EXPLORATION	24.00	4.00	$1/A	1/8	$1.A	
6	2	170	383	1/82	R. WHETZEL	NEW FRONTIER EXPLORATION	100.00	5.00	$1/A	1/8	$1/A	
6	2	172	117	7/82	W. BEAN	SHENANDOAH ENERGY	68.00	10.00	$1/A	1/8	$50/W	$2/A
6	2	175	129	5/83	C. FULTZ	COLUMBIA GAS	5.00	20.00				$300/W
6	2	175	133	5/83	C. FULTZ	COLUMBIA GAS	5.00	10.00	$1/A	1/8		
6	2	175	364	5/83	D. MONGOLD	COLUMBIA GAS	130.00	10.00	$1/A	1/8		
6	1	169	161	11/83	G. SMITH	CNG PRODUCING	3.00	5.00		1/8		$300/W
6	2	169	157	11/83	R. MILLER	CNG PRODUCING	3.00	10.00		1/8		$300/W
6	3	175	369	5/83	W. WOLFE	COLUMBIA GAS	206.00	20.00				$300/W
6	3	180	313	1/84	L. POLING	OKMAR OIL	2,272.00	10.00	$1/A	1/8	$1/A	$1/A
6	.	180	321	1/84	P. BEAN	OKMAR OIL	404.00	10.00	$1/A	1/8	$1/A	$1/A
6	3	180	317	1/84	T. HANSE	OKMAR OIL	524.00	10.00	$1/A	1/8	$1/A	$1/A
					*** C O U N T Y T O T A L ***		20,996.13					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 17-HARRISON

OIL AND GAS SALES AND LEASE REPORT

R G DI	ST	DEED BOOK	NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	26	1078	402	5/79	A. WEBB	W.B. BERRY	49.10	2.00	$2/AC	1/8	$300/W	
1	18	1076	925	2/79	A.L. MCQUAID	LILLIAN BOGGESS ETAL	38.00	1.00	$1.00/A	1/8		
1	10	1083	1112	9/79	A.P. LOCKARD	APPALACHIAN ENERGIES INC	33.00	2.00	$2.67/AC	1/8		
1	10	1078	452	5/79	B. KOURPAS	W.B. BERRY	63.00	3.00	$1/AC	1/8	$300/W	
1	21	1078	1004	5/79	B. REGER	W.B. BERRY	148.00	1.00	$2/AC	1/8	$300/W	
1	10	1078	427	4/79	D. RILEY	APPALACHAIN ENERGY, INC	48.50	1.00	$2.00/A	1/8		
1	10	1103	1108	9/79	DAVID HARDESTY	APPALACHIAN ENERGIES INC	96.00	1.00	$2/AC	1/8		
1	10	1078	411	5/79	E. ASHER	APPALACHIAN ENERGIES INC.	44.00	1.00	$2/AC	1/8		
1	13	1077	470	4/79	E. CUROTZ	W.B. BERRY	60.00	2.00	$1/AC	1/8	$300/W	
1	18	1076	1095	4/79	F. ROGERS	W.B. BERRY	49.00	1.00	$1/AC	1/8	$300/W	
1	10	1078	411	3/79	G.V. ASHER	APPALACHAIN ENERGY	44.00	1.00	$2.00/A	1/8		
1	10	1076	266	3/79	J. BRENNAN	APPALACHIAN ENERGIES INC	25.30	.25	$2/A	1/8		
1	28	1078	450	5/79	J. KENDALL	W.B. BERRY	72.00	3.00	$1/AC	1/8	$300/W	
1	13	1078	454	5/79	L. WRIGHT	W.B. BERRY	10.00	3.00	$1/AC	1/8	$300/W	
1	18	1076	262	3/79	O. SWIGER	W.B. BERRY	51.50	1.00	$1/AC	1/8		
1	18	1076	264	3/79	R. TETER	W.B. BERRY	30.00	1.00	$1/AC	1/8		
1	18	1079	544	6/79	W. LYON	W.B. BERRY	55.00	1.00	$2/AC	1/8	$300/W	
1	13	1099	40	12/80	A. REYNOLDS	J & J ENTERPRISES	263.50	1.00	$3.00/A	1/8		
1	18	1091	855	5/80	A. WEIFORD	J.F. SCOTT (SCOTT OIL & GAS)	42.00	2.00	$2/AC	1/8		
1	35	1097	414	10/80	B. SCOTT	J.F. SCOTT (SCOTT OIL & GAS)	21.00	3.00	$3/AC	1/8		
1	13	1095	206	8/80	G. BARNES	J.F. SCOTT (SCOTT OIL & GAS)	30.00	2.00	$3/AC	1/8		
1	26	1095	1071	9/80	G. VINCENT	A.L. MCQUAID-APPALACHIAN MIN. CO.	20.50	1.00	$2/AC	1/8		
1	18	1087	386	1/80	H. ARNETT	J.F. SCOTT (SCOTT OIL & GAS)	16.00	10.00	$1/AC	1/8		
1	23	1089	659	3/80	J. PERRY	J & J ENTERPRISES	60.50	1.00	$2.00/A	1/8		
1	18	1091	852	5/80	J. ROBINSON	J.F. SCOTT (SCOTT OIL & GAS)	42.00	10.00	$2/AC	1/8		
1	35	1097	463	10/80	J.J. DAY	ALLEGHENY LAND & MINERAL CO	160.00	5.00	$2/AC	1/8		
1	1	1088	918	2/80	L. D JARRIS	J&J ENTERPRISES	330.00	2.00	$3.00/A	1/8		
1	18	1092	220	6/80	M. HUZUM	APPALACHIAN ENERGIES INC	60.00	2.00	$3/AC	1/8		
1	35	1096	1052	10/80	M. WINDOM	J.F. SCOTT (SCOTT OIL & GAS)	92.00	3.00	$2/AC	1/8		
1	21	1096	741	10/80	H.L. HUTCHINSON,HEIRS	A.L. MCQUAID-APPALACHIAN MIN. CO.	287.05	1.00	$2/AC	1/8		
1	18	1083	862	7/80	O. SHARP	EQUITABLE GAS CO.	60.00	10.00	$2/AC	1/8	$2/AC	$300/W
1	13	1095	204	8/80	T. BARNES	J.F. SCOTT (SCOTT OIL & GAS)	30.00	2.00	$3/AC	1/8		
1	28	1089	425	2/80	UNION NATIONAL BANK	J & J ENTERPRISES	83.40	5.00	$3.00/A	1/8		
1	18	1087	391	1/80	W. BOCK ETAL	J.F. SCOTT (SCOTT OIL & GAS)	16.00	10.00	$1/AC	1/8		
1	13	1109	361	11/81	C. WHITE	CNG PRODUCING CO.	24.00	5.00	$2/AC	1/8		$300/W
1	10	1101	90	3/81	C. WILSON	APPALACHIAN ENERGIES INC	33.00	2.00	$2/AC,$1000-BONUS	1/8		
1	10	1101	120	2/81	D.R. MILLER	J & J ENTERPRISES	27.84	2.00	$2.00/A	1/8		
1	26	1099	523	1/81	E. FLANAGAN,ETAL	A.L. MCQUAID-APPALACHIAN MIN. CO.	17.00	1.00	$2/AC	1/8		
1	10	1108	176	10/81	E. STOUT ETAL	CNG. PRODUCING CO.	72.00	5.00	$2/AC	1/8		$300/W
1	18	1113	739	11/81	EC. SWIGER	CONSOLIDATED GAS SUPPLY	280.00	10.00	$1/AC	1/8		
1	10	1100	197	2/81	H.WILLIAMSON	APPALACHIAN ENERGIES INC.	33.00	2.00	$2/AC	1/8		
1	35	1104	483	6/81	J. BALALA	C.W. MUTSCHELKNAUS	71.00	2.00	$3/AC	1/8		
1	32	1106	583	8/81	J. WILLIAMS	ALLEGHENY LAND & MINERAL CO.	100.00	3.00	$2/AC	1/8		
1	32	1110	365	12/81	K. COATS	CHASE PETROLEUM	62.00	10.00	$4/AC	1/8	$4/AC	
1	26	1109	1100	11/81	M. BASNETT	CNG PRODUCING CO	50.00	5.00	$1/AC	1/8		$300/W
1	26	1110	441	12/81	M. BROWN,ETAL	CNG PRODUCING CO	43.00	5.00	$2/AC	1/8		$300/W
1	26	1107	1086	9/81	M. MALSON	EASTERN ENERGY RESOURCES CO.	60.00	3.00	$2/AC	1/8	$50/YR	
1	28	1105	32	7/81	M. WARDER	J & J ENTERPRISES	72.00	.50	$3/AC	1/8		
1	32	1110	375	12/81	P. DUBLIN	CHASE PETROLEUM	62.00	1.00	$4/AC	1/8	$4/AC	

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1	32	1107	1084		9/81	R. LYONS ETAL	EASTERN ENERGY RESOURCES CO.	60.00	5.00	$2/AC	1/8	$50/YR	
1	26	1099	461		1/81	S, HOVIS	A.L. MCQUAID-APPALACHIAN MIN. CO.	173.00	1.00	$2/AC	1/8		
1	18	1107	184		9/81	W. WINDOM ETAL	C.W. NUTSCHELKNAUS	32.91	1.00	$2/AC	1/8		
1	26	1121	710		12/82	A. COHEN	ENSOURCE INC.	78.00	2.00	$5/AC	1/8	$50/YR	
1	10	1115	948		5/82	A.E. JOSEPH ETAL	CNG PRODUCING CO.	22.00	5.00	$2/AC	1/8		$300/W
1	23	1118	323		9/82	A.F. DAUGHERTY	C.N.G. PRODUCING CO.	58.00	10.00	$2/AC	1/8		$300/W
1	26	1122	35		12/82	D. FRAME	J & J ENTERPRISES	176.00	2.00	$4/AC	1/8		
1	18	1114	885		5/82	E. HAWKINS,ETAL	C.N.G. PRODUCING CO.	217.00	5.00	$2/AC	1/8		$300/W
1	18	1112	420		5/82	E. PATTERSON	CONSOLIDATED GAS SUPPLY	105.00	10.00	$1/AC	1/8		
1	1	1117	918		9/82	E. ROY ETAL	C.N.G. PRODUCING CO.	32.00	10.00	$3/A	1/8		$300/W
1	13	1117	326		8/82	E. SCHMIDT ETAL	CNG PRODUCING CO.	140.00	5.00	$2/AC	1/8		$300/W
1	32	1113	782		4/82	F. GULAS	C & P OIL & GAS CO.	112.00	2.00	$7.50/AC	1/8	50/YR	
1	23	1118	893		4/82	F. LAYMAN	CONSOLIDATED GAS SUPPLY	130.00	10.00	$1/AC	1/8		
1	32	1116	581		7/82	G. ALBRIGHT	CNG PRODUCING CO.	91.00	5.00	$2/AC	1/8		$300/W
1	10	1113	745		4/82	K. HAUGHT	C.N.G. PRODUCING CO.	101.00	5.00	$2/AC	1/8		$300/W
1	35	1120	316		11/82	L. GOLDEN ETAL	ALLEGHENY LAND AND MINERAL CO.	240.00	2.00	$10/AC	1/8		
1	26	1121	712		12/82	M, COURTNEY	ENSOURCE INC	50.00	2.00	$5/AC	1/8	50/YR	
1	21	1113	749		4/82	M. WOLFE	C.N.G. PRODUCING CO.	46.00	5.00	$2/AC	1/8		$300/W
1	10	1117	777		5/82	O.M. DAVIS	CONSOLIDATED GAS SUPPLY	8.00	10.00	$2/AC	1/8		
1	26	1121	570		12/82	R. BIANCO	ENSOURCE INC	54.50	1.00	$5/AC	1/8	$50/YR	
1	10	1118	869		9/82	R. SUMMERS ETAL	CNG PRODUCING CO	257.00	5.00	$2/AC	1/8		$300/W
1	32	1111	234		1/82	W. ARNETT,ETAL	CNG. PRODUCING CO.	80.00	10.00	$2/AC	1/8		$300/W
1	26	1117	902		8/82	W. ORR	C.N.G. PRODUCING CO.	108.00	5.00	$2/AC	1/8		$300/W
1	23	1119	131		6/82	Z. ZIMKOWSKI	CONSOLIDATED GAS SUPPLY	130.00	10.00	$1/AC	1/8		
1	32	1124	1139		4/83	C. DAVISSON	RICHARD L. MCQUAID	57.00	3.00	$10/AC	1/8	$300/W	
1	32	1124	1141		4/83	C. DAVISSON	RICHARD L. MCQUAID	57.00	3.00	$10/AC	1/8	$300/W	
1	28	1130	608		9/83	C, FEOPPEL	W.B. BERRY	77.00	1.00	$2/A	1/8	$300/W	
1	26	1123	594		2/83	J, R. MCCARTY	A.L. MCQUAID	5.00	2.00	$5/AC	1/8	$300/W	
1	28	1132	650		11/83	L, YATES	W.B. BERRY	77.00	1.00	$1.7/A	1/8	$300/W	
1	26	1123	59		2/83	M. TIANO	RICHARD L. MCQUAID	72.00	2.00	$5/AC	1/8	$300/W	
1	26	1123	592		2/83	O, CUNNINGHAM	A.L. MCQUAID	5.00	2.00	$3/AC	1/8	$300/W	
1	32	1124	1137		4/83	R, DAVISSON	RICHARD L. MCQUAID	57.00	3.00	$10/AC	1/8	$300/W	
1	18	1131	663		10/83	R. RICHARDSON ETAL	W.B. BERRY	30.00	1.00	$5/A	1/8	$300/W	
1	0	1142	908		10/84	ASH, JACKSON ET AL	MID-EASTERN ENERGY	20.00	2.00	$5/A	1/8	$50/Y	$5/A
1	35	1134	183		1/84	C. CRISS	W.B. BERRY	26.00	1.00	.20¢/A	1/8	$300/W	
1	0	1142	171		10/84	CENTRAL PITTSBURGH COAL	EXPLORA RESOURCES	65.72	1.00	$5/A	1/8	$5/A	
1	0	1142	910		10/84	COOK, JOE	G.B. HEFNER AND ASSOCIATES	10.00	2.00	$5/A	1/8	$50/Y	$5/A
1	0	1134	604		5/84	DAVIS, GEORGE ET AL	W.B. BERRY	128.00	2.00	$2/A	1/8	$300/Y	
1	35	1134	187		1/84	H. POST, ETAL	W.B. BERRY	26.00	1.00	.20¢/A	1/8	$300/W	
1	0	1141	606		9/84	HILL, RUSS	DOLPHIN PETROLEUM	65.00	.08	$10/A	1/8	$10/A	
1	0	1144	789		12/84	HORNER, PAUL ET AL	EASTERN AMERICAN ENERGY	161.00	3.00	$5/A	1/8	$5/A	
1	10	1134	606		2/84	J. HESS	W.B. BERRY	128.00	2.00	.63¢/A	1/8	$300/W	
1	0	1138	163		5/84	KENNEY, JAMES	ENSOURCE	17.00	1.00	$5/A	1/8	$50/Y	
1	35	1134	185		1/84	L. BURNSIDE ETAL	W.B. BERRY	26.00	1.00	.20¢/A	1/8	$300/W	
1	0	1142	912		10/84	LAWSON, FRED	MID-EASTERN ENERGY	35.00	2.00	$3/A	1/8	$50/Y	
1	0	1137	337		4/84	LEWIS, GARNET	KEPCO	26.00	1.00	$5/A	1/8	$5/A	
1	0	1139	941		7/84	LUCAS, VAN ET AL	BERRY ENERGY CONSULTANTS	44.75	2.00	$8/A	1/8	$300/Y	
1	0	1144	676		12/84	LYON, H. ET AL	RICHARD MCQUAID	23.00	2.00	$5/A	1/8	$300/Y	
1	0	1138	856		6/84	MCCOY, PAUL	MCALPIN MINERALS	156.00	2.00	$7/A	1/8	$300/Y	

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1	0	1143	603	11/84	NIXON, JESSE	EASTERN AMERICAN ENERGY	5.63	1.00	$5/A	1/8	$5/A	
1	0	1139	490	7/84	NOWSCO WELL SERVICE	DAVID B. BERRY	17.56	2.00	$7/A	1/8	$300/Y	
1	0	1142	918	10/84	RITTER, ETHEL	ALAMCO	240.00	2.00	$10/A	1/8	$10/A	
1	0	1140	736	8/84	ROBEY, JEREMIAH	BERRY ENERGY CONSULTANTS	52.50	2.00	$5/A	1/8	$300/Y	
1	0	1142	388	10/84	SEDON, DOROTHY	J&J ENTERPRISES	150.00	1.00	$5/A	1/8	$5/A	
1	0	1138	862	6/84	SHAFFER, DAVID	MCALPIN MINERALS	18.88	2.00	$7/A	1/8	$300/Y	
1	0	1138	1102	6/84	SMITH, FRANK	W.B. BERRY	50.00	1.00	$7/A	1/8	$300/Y	
1	0	1142	1058	10/84	THOMPSON, LARRY	M&T ENERGY	239.50	1.00	$5/A	1/8	$5/A	
1	0	1140	290	7/84	WARNER, DANNY	HYDROCARBON ENERGIES	36.00	1.00	$2.8/A	1/8		
1	0	1135	1061	4/84	WILLIAMS, DANE	WILLIAM H. BOWIE	9.00	1.00	$5/A	1/8	$5/A	
1	0	1150	686	6/85	ANDERSON, E.	EDMUND J. MATKO	46.00	5.00	$1/A	1/8	$300/Y	
1	0	1152	1021	8/85	ARBOGAST, ROGER	RICHARD L. MCQUAID	40.00	1.00	$7/A	1/8	$500/M	
1	0	1145	794	1/85	BAILEY, ARTHUR	CRUDE OIL AND GAS	32.91	2.00	$2/A	1/8	$2/A	
1	0	1145	798	1/85	BAILEY, EMMA	CRUDE OIL AND GAS	32.91	2.00	$2/A	1/8	$2/A	
1	0	1145	802	1/85	BAILEY, MARY	CRUDE OIL AND GAS	73.00	2.00	$2/A	1/8	$2/A	
1	0	1154	109	9/85	BURNSIDE, W.J.	ANVIL OIL	56.00	5.00	$5/A	1/8		
1	0	1155	611	11/85	CARR, ROD	EXPLORA RESOURCES	45.00	2.00	$5/A	1/8	$5/A	
1	0	1145	254	1/85	CLARK, F.	A.L. MCQUAID	136.00	1.00	$7/A	1/8	$300/Y	
1	0	1152	157	7/85	DEEM, P.	DENEX PETROLEUM	52.38	.50	$5/A	1/8	$50/Y	
1	0	1151	853	7/85	FEOPPEL, CHARLES	DENEX PETPOLEUM	52.38	.50	$5/A	1/8	$50/Y	
1	0	1150	688	6/85	FLOWERS, AGNES	EDMUND J. MATKO	46.00	5.00	$1/A	1/8	$300/Y	
1	0	1145	818	1/85	HALL, ALTON	CRUDE OIL AND GAS	73.00	2.00	$2/A	1/8	$2/A	$2/A
1	0	1147	135	3/85	HEFLEY, DONNA	CRUDE OIL AND GAS	47.00	2.00	$5/A	1/8	$5/A	$3/A
1	0	1154	110	9/85	HELMICK, PATRICIA	ANVIL OIL	56.00	5.00	$5/A	1/8		
1	0	1147	139	3/85	KELLEY, HAROLD	CRUDE OIL AND GAS	47.00	2.00	$5/A	1/8	$5/A	$3/A
1	0	1148	363	4/85	KENNEY, JAMES	ENSOURCE	17.00	1.00	$5/A	1/8	$50/Y	
1	0	1147	144	3/85	KERSEY, DON JR.	CRUDE OIL AND GAS	47.00	2.00	$5/A	1/8	$5/A	$3/A
1	0	1147	148	3/85	KERSEY, HENRY III	CRUDE OIL AND GAS	47.00	2.00	$5/A	1/8	$5/A	$3/A
1	0	1156	252	11/85	LAMBIE, EDITH ET AL	DENEX PETROLEUM	19.11	2.00	$10/A	1/8	$50/Y	$10/A
1	0	1145	252	1/85	LANG, HAZEL	A.L. MCQUAID	136.00	1.00	$7/A	1/8	$300/Y	
1	0	1145	170	1/85	LAROSA, JAMES	HYDROCARBON ENERGIES	88.83	.50	$10/A	5/32		
1	0	1152	621	8/85	LODGE, JOHN	DENEX PETROLEUM	52.38	.50	$5/A	1/8	$50/Y	
1	0	1153	424	9/85	LODGE, WM.	DENEX PETROLEUM	52.38	.50	$5/A	1/8	$50/Y	
1	0	1155	861	11/85	MARTIN, R.	EXPLORA RESOURCES	33.00	3.00	$6/A	1/8	$6/A	
1	0	1155	617	11/85	MARTIN, WAYNE	EXPLORA RESOURCES	45.00	2.00	$5/A	1/8	$5/A	
1	0	1145	822	1/85	MCCARTNEY, BETTY	CRUDE OIL AND GAS	73.00	2.00	$2/A	1/8	$2/A	$2/A
1	0	1149	389	5/85	MCCUSKEY, CHRISTINE	CNG DEVELOPMENT	84.00	5.00	$2/A	1/8	$2/A	
1	0	1147	875	4/85	OELZE, OPAL	CNG DEVELOPMENT	106.00	1.00	$2/A	1/8	$2/A	
1	0	1147	52	3/85	POSEY, CARL	MANNA OIL AND GAS	102.00	2.00	$5/A	1/8		
1	0	1149	160	5/85	POSEY, CARL	MANNA OIL AND GAS	53.85	10.00	$3/A	1/8	$50/Y	$2/A
1	0	1147	879	4/85	PRIOM AND QUEEN	CNG DEVELOPMENT	106.00	1.00	$2/A	1/8	$2/A	
1	0	1147	871	4/85	QUEEN, CHARLES ET AL	CNG DEVELOPMENT	106.00	1.00	$2/A	1/8	$2/A	
1	0	1152	370	8/85	ROBINSON, A.	OAK HILL INDUSTRIES	98.52	2.00	$5/A	1/8		
1	0	1145	1091	1/85	ROWAND, FRANK	EASTERN AMERICAN ENERGY	43.00	1.00	$5/A	1/8	$5/A	
1	0	1145	1095	2/85	ROWAND, FRANK	EASTERN AMERICAN ENERGY	65.21	2.00	$5/A	1/8	$5/A	
1	0	1147	70	3/85	SMITH, HAZEL	MANNA OIL AND GAS	67.00	2.00	$5/A	1/8	$50/Y	$2/A
1	0	1147	1054	3/85	SMITH, HAZEL	MANNA OIL AND GAS	68.86	3.00	$5/A	1/8	$50/Y	$2/A
1	0	1149	362	5/85	TELLURIC CO.	MANNA OIL AND GAS	84.00	2.00	$5/A	1/8		
1	0	1152	377	8/85	UNDERWOOD, MAX	OAK HILL INDUSTRIES	98.52	2.00	$5/A	1/8		

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1 0	1149	512	5/85	WINDOM, MARTIN	DENEX PETROLEUM	84.00	3.00	$5/A	1/8	$50/Y	
					*** C O U N T Y T O T A L ***	10,864.88					

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2	1	156		63	4/80	E. GREEN	DEVON CORP	90.00	3.00	$3.00/A	1/8		
2	4	156		191	5/80	E.E. SIMMONS	KAISER EXPLORATION	118.00	3.00	$2.00/A	1/8		
2	4	156		193	5/80	E.E. SIMMONS	KAISER EXPLORATION	84.60	3.00	$2.00/A	1/8		
2	.	156		291	5/80	G. SMITH	SANTA FE DRILLING	50.00	5.00	$1.00/A	1/8		
2	4	156		58	3/80	H. KESSEL	DEVON CORP	187.50	3.00	$3.00/A	1/8		
2	4	156		82	4/80	J.J. CASTO HRS.	DEVON CORP	70.00	3.00	$3.00/A	1/8		
2	2	156		273	5/80	L. HAYES	KAISER EXPLORATION	32.50	10.00	$2.00/A	1/8		
2	.	156		289	5/80	R. D. KITTLE	SANTA FE DRILLING	108.00	1.00	$5.00/A	1/8		
2	,	156		401	5/80	W.K. RECTOR	KAISER EXPLORATION	102.75	3.00	$2.00/A	1/8		
2	1	160		93	12/81	J. L. NESSELRODE	KAISER EXPLORATION	99.00	10.00	$2.00/A	1/8		
2	7	168		436	9/81	J. MINOR	CITIES SERVICE	55.50	5.00	$5.00/A	1/8		
2	4	168		251	12/81	J. PARSONS	KAISER EXPLORATION	67.00	10.00	$2.00/A	1/8		
2	2	168		227	7/81	M. CAYTON	COLUMBIA GAS	129.00	5.00	$1.00/A	1/8		
2	7	171		106	6/81	MEMORIAL MEDICAL CENTER	CITIES SERVICE	1,262.40	3.00	$1.00/A	1/8		
2	1	168		46	10/81	N.S. DARST	KAISER EXPLORATION	65.00	3.00	$2.00/A	1/8		
2	4	168		373	12/81	R. C. CRALLE	DELTA DRILLING	52.75	5.00	$1.00/A	1/8		
2	7	168		35	12/81	R. PARSONS	MORRIS EXPLORATION	25.00	2.00	$7.00/A	1/8		
2	7	168		98	9/81	R.B. KNOPP ETAL	CITIES SERVICE	63.00	5.00	$1.00/A	1/8		
2	4	171		253	4/82	D. LOONEY	KAISER EXPLORATION	14.30	10.00	$2.00/A	1/8		
2	.	171		131	2/82	E. STARCHER HRS	CITIES SERVICE	43.00	10.00	$1.00/A	1/8		
2	1	171		4	5/82	G. HENDERSHOT	PETROLEUM SERVICE, INC.	50.00	1.00	$10.00/A	1/8		
2	.	171		111	6/82	G. STARCHER	CITIES SERVICE	19.75	3.00	$1.00/A	1/8		
2	7	171		199	1/82	J. LIVELY	CITIES SERVICE	101.00	10.00	$1.00/A	1/8		
2	1	171		259	4/82	H. SLAVEN	KAISER EXPLORATION	31.50	3.00	$3.00/A	1/8		
2	7	171		191	3/82	O.B TAYLOR	CITIES SERVICE	85.00	5.00				
2	7	171		187	3/82	P. MCGEE	CITIES SERVICE	85.00	5.00	$1.00/A	1/8		
2	7	171		4	5/82	W. RHODES	PETROLEUM SERVICES, INC	41.00	1.00	$10.00/A	1/8		
						*** COUNTY TOTAL ***		3,132.55					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 20-KANAWHA

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	15	205	14	11/79	B. PRICE	W. B. MAXWELL	30.00	10.00	$1/AC	1/8		
2	24	205	134	12/79	J. COMBS	CITIES SERVICES	81.00	10.00		1/8	$1/AC	
2	25	205	153	12/79	K. DUKE	RAY RESOURCES	137.00	3.00	$2/AC	1/8		
2	15	205	83	11/79	D. FACEMIRE	C. C. DODD	51.00	5.00	$2/AC	1/8		$2/AC
2	16	205	121	12/79	R. CULPEPPER	APPALACHIAN EXPLORATION & DEV. INC.	429.50	5.00	$2/AC	1/8	$2/AC	$2/AC
2	8	205	91	11/79	W. P. DODD	STERLING DRILLING	30.00	5.00	$2/AC	1/8	$2/AC	
2	15	205	215	12/79	WOODY ROYALTY CO.	A. PURSLEY & M. THOMAS	70.00	10.00		1/8		
2	25	205	493	2/80	C. CUPPY	ENERGEX CORP.	18.00	2.00	$2/AC	1/8	$50/W	$2/AC
2	25	205	638	2/80	E. BOGGESS	ENERGEX CORP.	28.00	2.00	$2/AC	1/8	$50/W	$2/AC
2	15	205	436	1/80	G. PAINTER	GARY ENERGY CORP.	70.00	10.00		1/8		
2	15	205	433	1/80	NATIONAL BANK OF COMMERCE	QUAKER STATE	30.00	3.00	$1/AC	1/8		$2/AC
2	24	206	3	3/80	O. PAINTER	STONESTREET INC.	120.00	10.00	$1/AC	1/8		
2	24	205	397	1/80	R. BOYCE	STERLING DRILLING	46.75	5.00	$3/AC	1/8	$3/AC	
2	3	205	328	1/80	SHORK LAND CO.	W. B. C. EXPL & DEV. CO.	1,762.70	10.00		1/8	$500/W	
2	25	205	645	2/80	MR. BACON	CITIES SERVICES	191.00	5.00	$1/AC	1/8	$1/AC	
2	1	211	164	9/81	C. HAYES EST.	C.C. DODDS	44.00	5.00	$2.00/A	1/8		
2	15	213	1	2/81	E. KENDALL	HILLIAM HUNT	218.00	2.00	$5.00/A	1/8		
2	24	211	83	11/81	G.T. BOGGESS	SHELDON & SHELDON	80.00	2.00	$6.00/A	1/8		
2	24	211	77	11/81	I. FISHER	SHELDON & SHELDON	102.00	3.00	$6.00/A	1/8		
2	24	211	87	11/81	L. PRESTLY	SHELDON & SHELDON	87.00	3.00	$6.00/A	1/8		
2	15	211	29	7/81	M. BURGESS	QUAKER ST.	40.00	3.00	$1.00/A	1/8		
2	0	0047	429	10/81	ODESSA LEWIS	CABOT OIL AND GAS	329.00	10.00	$2/A	1/8	$2/A	$2/A
2	0	0047	553	11/81	RALPH G. DUNN	CABOT OIL AND GAS	101.00	5.00	$2/A	1/8	$2/A	$2/A
2	24	211	71	10/81	S. ROLLINS	STONESTREET,INC	87.00	3.00	$3.00/A	1/8		
2	15	211	8	9/81	V.C. HAYES EST.	C.C. DODDS	84.00	5.00	$2.00/A	1/8		
2	21	211	166	12/81	W.B. CUNNINGHAM	LIPSHUP AGENCY	100.00	5.00	$5.00/A	1/8		
2	15	214	1	5/82	B. WALLS	QUAKER STATE	40.00	2.00	$1.00/A	1/8		
2	15	214	36	6/82	C. DUNCAN	QUAKER STATE	40.00	2.00	$1.00/A	1/8		
2	0	0049	815	12/82	CAROL H. AND CHARLES E. FULTZ	PEAKE OPERATING	62.00	3.00	$5/A	1/8	$5/A	$2/A
2	15	214	4	5/82	H. CAVENDER	BOW VALLEY PETROLEUM	43.00	3.00	$5.00/A	1/8		
2	16	214	64	6/82	H. JOHNSON	CABOT OIL LAND GAS	49.00	5.00	$5.00/A	1/8		
2	0	0049	435	9/82	HELEN CALLAWAY HALL ET AL	PEAKE OPERATING	120.00	3.00	$5/A	1/8	$5/A	
2	19	217	79	12/82	J. LILLY	CABOT	14.80	5.00	$5/AC	1/8	$5/AC	
2	15	214	30	5/82	J. WALL	QUAKER STATE	40.00	2.00	$1.00/A	1/8		
2	25	212	1	3/82	K. WHITTINGTON	BOW VALLEY PETROLEUM	52.00	2.00	$5/AC	1/8	50/M	$45/AC
2	1	214	51	6/82	M. SPANGLER	QUAKER STATE	60.00	2.00	$1.00/A	1/8		
2	24	214	49	7/82	M.V FISHER	JOHN BOGGESS ASSO.	164.00	2.00	$6.00/A	1/8		
2	0	0049	286	9/82	MARY LOU MERRYLEES ET AL	CABOT OIL AND GAS	5.00	3.00	$2/A	1/8	$2/A	$2/A
2	0	0049	288	10/82	THOMAS AND FLORA COOPER	CABOT OIL AND GAS	45.00	5.00	$3/A	1/8	$3/A	$2/A
2	1	214	33	6/82	W. ALLEN	QUAKER STATE	48.00	3.00	$1.00/A	1/8		
2	25	213	18	4/82	W. HARSHBARGER	ALLEGHENY & WESTERN ENERGY CORP.	45.00	1.00	$2/AC	1/8	$50/W	$2/AC
2	16	217	85	3/83	A. SMITH	PEAKE OP.	25.00	3.00	$12/A	1/8		
2	15	217	113	2/83	B. BROCK	PATRO ASSOCIATES	250.00	1.00		1/8		
2	16	216	38	1/83	D. G. BRYANT	CABOT	41.00	3.00	$5.00/A	1/8		
2	28	216	266	2/83	D.A. BIGGS	CABOT	23.00	5.00	$5.00/A	1/8		
2	16	216	36	2/83	DICKINSON CO	CABOT	133.75	.00	$5.00/A	1/8		$2/AC
2	28	216	272	2/83	G. LORIAN	CABOT	20.00	3.00	$5.00/A	1/8		
2	25	219	129	8/83	G.V. HOLLIES	BOW VALLEY PETROLEUM	.00	5.00	$5.00/A	1/8		
2	0	0050	257	1/83	GERTRUDE AND MAYO MCKINSTER	PEAKE OPERATING	160.00	2.00	$5/A	1/8	$5/A	$2/A

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	15	216	67	2/83	H. HOFFMAN	QUAKER STATE	41.00	2.00	$12/AC	1/8	$12/AC	$12/AC
2	25	216	130	2/83	H. LILLY	ALLEGHANY & WESTERN	124.00	2.00	$5.00/A	1/8		
2	25	216	122	2/83	H. LILLY	ALLEGHANY & WESTERN	98.00	2.00	$5.00/A	1/8		
2	25	216	126	2/83	K. G. CUNNINGHAM	ALLEGHANY & WESTERN	19.00	1.00	$3.00/A	1/8		
2	24	218	300	6/83	L. PRESLEY	DEVON ENERGY CORP	85.50	3.00	$3.00/A	1/8		
2	16	217	747	5/83	L.A. ORR	STERLING DRILLING	114.00	1.00	$5.00/A	1/8		
2	28	217	536	4/83	L.G. SKIDMORE	CABOT	9.00	1.00	$5.00/A	1/8		
2	1	216	136	2/83	M. ALLEN	CHESTER DODD	95.00	5.00	$5/AC	1/8	$5/AC	
2	0	0050	458	7/83	MARGARET AND MARVIN GARNER	PEAKE OPERATING	50.00	3.00	$5/A	1/8	$5/A	$2/A
2	16	217	709	5/83	N. DUNLAP	PEAKE OPERATING	73.00	3.00	$5.00/A	1/8		
2	1	219	1	6/83	O. SHARPE	QUAKER STATE	100.79	5.00	$1.00/A	1/8		
2	16	218	35	6/83	O. SPENCER	PEAKE OP. CO.	30.00	3.00	$10.00/A	1/8		
2	1	216	59	1/83	O.P. RUCKER	QUAKER ST	187.00	2.00	$1.00/A	1/8		
2	15	216	51	1/83	R. CARNES	STERLING DRILLING	66.00	2.00	$5.00/A	1/8		
2	15	219	21	8/83	V. CARNES	QUAKER STATE	88.00	2.00	$1.00/A	1/8		
2	24	216	482	./83	W.J. PAXTON	QUAKER STATE	117.50	5.00	$1.00/A	1/8		
2	28	216	40	1/83	W.L. ROY	PEAKE OPERATING	30.00	1.00	$5/AC	1/8		
2	15	216	285	1/83	W.P. DODD	BOW VALLEY	80.00	1.00	$5.00/A	1/8		$6/AC
2	15	216	53	1/83	W.T. HUNT	STERLING DRILLING	72.00	3.00	$5.00/A	1/8		
2	0	0225	556	7/84	BOGGESS, R.	PEAKE OPERATING	62.00	3.00	$10/A	1/8		
2	0	0053	192	7/84	BOYD R. CRAWFORD ET AL	CNG DEVELOPMENT	42.00	5.00	$2/A	1/8		
2	0	0225	628	9/84	CARMAR CORPORATION	CABOT	57.00	5.00	$3/A	1/8		
2	0	0225	590	8/84	CNB TRUSTEE	STERLING DRILLING	162.00	2.00	$5/A	1/8		
2	0	0225	43	9/84	CREASY, ERMA	CABOT	114.00	5.00	$3/A	1/8		
2	0	0225	588	9/84	CUNNINGHAM, J.	CABOT	52.00	5.00	$2/A	1/8		
2	0	0225	45	5/84	DAPBY, MYRTLE ET AL	CNG DEVELOPMENT	55.00	10.00	$1/A	1/8		
2	0	0225	35	9/84	EAGAN, PERCY	CABOT	40.00	3.00	$3/A	1/8		
2	0	0225	553	7/84	EHMAN, A.	PEAKE OPERATING	105.00	3.00	$10/A	1/8		
2	0	0225	543	9/84	FRIZZELL, E.	PEAKE OPERATING	31.00	3.00	$10/A	1/8		
2	0	0225	568	8/84	GARNES, J.	PEAKE OPERATING	110.00	3.00	$10/A	1/8		
2	0	0225	550	4/84	GHINLAND PARK CORPORATION	PEAKE OPERATING	280.00	2.00	$5/A	1/8		
2	0	0225	610	9/84	HAYES, CLYDE	QUAKER STATE	84.00	5.00	$1/A	1/8		
2	0	0225	541	8/84	LEWIS, KENNETH	PEAKE OPERATING	85.00	3.00	$5/A	1/8		
2	0	0225	41	9/84	MCCABE, B.	CABOT	63.00	1.00	$2/A	1/8		
2	0	0225	37	9/84	MCCABE, B.	CABOT	53.00	1.00	$2/A	1/8		
2	0	0225	499	9/84	MCKINNEY, TOLBERT	PEAKE OPERATING	35.00	3.00	$10/A	1/8		
2	0	0225	626	8/84	NEWHOUSE, L.	PEAKE OPERATING	26.00	3.00	$10/A	1/8		
2	0	0225	606	9/84	PLUMLEY, DENVIL	QUAKER STATE	37.50	1.00	$1/A	1/8		
2	0	0225	577	7/84	ROBINSON, W.	PEAKE OPERATING	136.70	3.00	$10/A	1/8		
2	0	0225	533	7/84	SIMPSON, C.	PEAKE OPERATING	18.00	3.00	$10/A	1/8		
2	0	0225	39	9/84	THORNHILL, E.	CABOT	38.00	5.00	$5/A	1/8		
2	0	0052	788	7/84	WILLIAM F. BURLESON	CNG DEVELOPMENT	41.00	2.00	$4/A	1/8		
2	0	0225	503	8/84	WITHROW, ARBUTUS	PEAKE OPERATING	42.00	3.00	$10/A	1/8		
2	0	0225	565	7/84	WOODRUM PARK, INC.	PEAKE OPERATING	75.00	2.00	$10/A	1/8		
2	0	0227	98	2/85	BACON, B.	CABOT	165.00	5.00	$5/A	1/8		
2	0	0227	116	4/85	BECKNER, MINA	BOW VALLEY	53.00	3.00	$5/A	1/8		
2	0	0227	1	3/85	COX, BARBARA	OIL REFINING CORPORATION	150.00	3.00	$1/A	1/8		
2	0	0227	398	5/85	DAWSON, L.	KAISER EXPLORATION	36.10	1.00	$5/A	1/8		
2	0	0227	5	2/85	DIXSON, J.	QUAKER STATE	213.00	5.00	$1/A	1/8		

OIL AND GAS SALES AND LEASE REPORT

R G DI DEED PAGE H ST BOOK NO DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2 0 0227 392 5/85	FABER, D.	KAISER EXPLORATION	45.00	5.00	$5/A	1/8		
2 0 0227 340 4/85	FARISS, W.	QUAKER STATE	85.00	2.00	$1/A	1/8		
2 0 0227 418 3/85	HOLSTEIN, E.	CABOT	77.00	5.00	$5/A	1/8		
2 0 0227 386 4/85	HUGHES, K.	CABOT	12.00	5.00	$5/A	1/8		
2 0 0227 94 2/85	LACY, JERRY	PEAKE OPERATING	70.00	3.00	$10/A	1/8		
2 0 0227 87 1/85	LAKEWOOD IN THE HILLS	PEAKE OPERATING	76.00	2.00	$5/A	1/8		
2 0 0227 92 1/85	LEASURE, C.	PEAKE OPERATING	18.00	1.00	$10/A	1/8		
2 0 0227 39 2/85	MCCABE, B.	CABOT	63.00	1.00	$5/A	1/8		
2 0 0227 114 3/85	MEDLEY, G.	CITIES SERVICE	20.00	5.00	$1/A	1/8		
2 0 0227 110 3/85	MEDLEY, W.	CITIES SERVICE	58.00	5.00	$1/A	1/8		
2 0 0065 151 5/85	MELTON, JAMES	KAISER EXPLORATION AND MINING	205.00	5.00	$5/A	1/8	$5/A	
2 0 0227 13 2/85	METZ, BETHEL	OIL REFINING CORPORATION	57.50	2.00	$1/A	1/8		
2 0 0227 90 3/85	MILLER, HELEN	PEAKE OPERATING	12.00	3.00	$16/A	1/8		
2 0 0227 100 3/85	O'DELL, MAXINE	CABOT	12.00	5.00	$2/A	1/8		
2 0 0227 388 5/85	RAY, J.	KAISER EXPLORATION	57.50	3.00	$5/A	1/8		
2 0 0227 404 4/85	RUSSELL, R.	MORRIS EXPLORATION	23.80	1.00	$10/A	1/8		
2 0 0227 373 3/85	SLACK, CHARLES	TXO PRODUCTION	291.08	3.00	$2.5/A	1/8		
2 0 0227 369 3/85	SUMMERS, JOANNE	CITIES SERVICE	52.00	5.00	$1/A	1/8		
2 0 0227 85 4/85	WAIDLING, DONALD	PEAKE OPERATING	33.00	3.00	$10/A	1/8		
2 0 0227 395 3/85	WICKLINE, W.	KAISER EXPLORATION	91.50	5.00	$5/A	1/8		
2 0 0227 382 5/85	YODER, DORA	CABOT	201.00	10.00	$5/A	1/8		
		*** COUNTY TOTAL ***	11,350.97					

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1		388	17	1/79	B. J. BRICKLEY	KEY OIL	25.00	.00	$2.00/A	1/8		
1		388	11	1/79	J. CHRISMAN	KEY OIL	27.00	.00	$2.00/A	1/8		
1	1	388	256	7/80	A ALKINE	CONSOLIDATED GAS SUPPLY	74.00	3.00	$1.00/A			
1	3	388	133	8/80	D. LOUDIN	ROCKWELL PETROLEUM	75.25	2.00	$3.00/A	1/8		
1	6	388	24	8/80	G. STRADER	ALTON SKINNER	72.00	.00	$2.00/A	1/8		
1	3	388	99	7/80	GUFFEY OIL & GAS ROYALTIES INC.	E. DAVISSON HARDMAN	171.00	.00	$2.00/A	1/8		
1	1	388	135	2/80	H. CRAWFORD	ROCKWELL PETROLEUM	55.00	.00	$2.00/A	1/8		
1	2	388	202	9/80	L. H. DOLAN	ROBT. E. FOX	55.00	.00	$3.00/A	1/8		
1	1	388	298	9/80	M. HOBART	STERLING DRILLING	123.00	3.00	$4.00/A	1/8		
1	2	388	131	6/80	M. KEITH	ROCKWELL PETROLEUM	107.00	.00	$4.00/A	1/8		
1	4	388	237	8/80	R MACE	INTERSTATE DRILLING	15.00	1.00	$4.00/A	1/8		
1	6	388	282	8/80	R. FLUHARTY	UNION DRILLING	33.00	1.50	$2.00/A			
1	1	388	237	9/80	R. SKINNER	GMR INC.	75.00	2.00	$2.00/A	1/8		
1	1	397	1	5/81	A.K. ANDERSON	AUGUST PETROLEUM	462.00	.00	$5.00/A	1/8		
1	2	397	121	4/81	B. COLLINS	TRIO PETROLEUM CORP	57.00	.00	$2.00/A	1/8		
1	1	397	388	7/81	B. GERWIG	INTERSTATE DRILLING	13.00	2.00	$1.00/A	1/8		
1	1	397	582	7/81	C. LAVON	AUGUST PETROLEUM	125.00	5.00	$5.00/A			
1	2	398	110	8/81	E. MURPHY	CARSON PETROLEUM	263.00	.00	$5.00/A	1/8		
1	1	398	112	9/81	E.P. CURRENCE	UNION DRILLING	61.00	.00	$4.00/A	1/8		
1	6	397	671	9/81	H.R. MCWHORTER	STERLING DRILLING	50.00	.00	$5.00/A			
1	3	398	96	8/81	J. MORRIS	EASTERN AMERICAN ENERGY	.00	2.00	$4.00/A	1/8		
1	1	397	585	9/81	M. R. CRAWFORD	AUGUST PETROLEUM	107.00	2.00	$5.00/A			
1	6	397	165	7/81	M.E. SMITH	KEPCO INC	37.00	5.00	$2.00/A			$1.50/AC
1	2	397	40	7/81	P. MONEYPENNY	EASTERN AMERICAN ENERGY	78.00	.00	$5.00/A	1/8		
1	1	397	268	7/81	R. BULL	KEY OIL CO	115.00	3.00	$5.00/A	1/8		
1	1	409	237	9/81	S. MCQUAIN	AUGUST PETROLEUM	59.00	3.00	$10./A Y1;$2./A			
1	3	397	67	9/81	T BUTCHER	J & J ENTERPRISES	64.19	.00	$1.50/A			
1	2	398	121	9/81	W. FLESHMAN	TRIO PETROLEUM	131.00	.00	$3.00/A	1/8		
1	1	397	428	4/81	W.ANDERSON ETAL	DELTA DRILLING CO	150.00	5.00	$2.00/A			
1	2	406	519	7/82	A.P. HEATH	CONTINENTAL PETROLEUM	80.00	1.00	$5.00/A			
1	3	402	758	3/82	C. WAGGONER	CARSON PETROLEUM	55.00	3.00	$5/A	1/8		
1	2	404	681	5/82	E. GLANCY	SANTA FE DRLG.	175.00	.25	$12/A	5/32	$3000/Y	
1	2	406	238	5/82	J.W RUMBACH	EASTERN AMERICAN ENERGY	104.00	1.00	$5.00/A			
1	2	411	310	11/82	M. CONLEY	UNION DRLG.	83.00	5.00	$1.25/A	1/8	$1.25/A	
1	2	411	138	11/82	M. HERTZ	CONTINENTAL PETRO.	38.75	1.00	$5/A	1/8		
1	3	402	613	3/82	M. OSBORNE	EASTERN AMERICAN ENERGY	128.00	3.00	$4/A	1/8		
1	2	402	73	2/82	S. ARENE	EASTERN AMERICAN ENERGY	160.00	.75	$5/A	5/32		
1	1	408	524	8/82	V. GOSNEY	DEVON ENERGY	143.00	3.00	$5/A	1/8		
1	4	401	275	1/82	V. MILES	CHESTERFIELD ENERGY	17.00	1.00	$6/A	1/8		
1	1	406	33	6/82	W. BARNES	CHESTERFIELD ENERGY	67.00	1.00	$5/A	1/8		
1	3	420	187	8/83	A.O'HARA	CONTINENTAL PETROLEUM	17.70	5.00	$5/A	1/8		
1	2	414	551	3/83	H. LOUGH	UNION DRILLING	180.00	3.00		1/8		
1	4	418	190	6/83	O. FRIEND	KEPCO	101.75	1.00	$5/A	1/8	$5/A	
1	2	420	471	9/83	R. LAWSON	EASTERN AMERICAN ENERGY	75.00	2.00	$4/A	1/8		
1	2	423	408	11/83	W. PUMPHREY	TRIO PETROLEUM	131.00	2.00	$5/A	1/8		
1	1	423	587	1/84	D. MOODY	INTERSTATE DRILLING	19.25	2.00	$5/A	1/8		
1	0	0429	56	7/84	ROY SIMONS, ETAL	UNION DRILLING, INC.	22.72	5.00	$5/A	1/8	$5/A	
1	0	0438	514	6/85	BERTIE MORRISON	CNG DEVELOPMENT	7.00	5.00	$2/A	1/8	$2/A	
1	0	0438	197	5/85	C AND D THAXTON	UNION DRILLING, INC.	15.00	5.00	$5/A	1/8	$5/A	

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	0	0438	371	6/85	C AND N KNIGHT	PDC	20.00	2.00	$7.5/A	1/8	$300/Y	
1	0	0438	426	5/85	C AND V CUNNINGHAM	STONEWALL GAS	178.00	2.00	$5/A	1/8	$5/A	
1	0	0438	564	6/85	CHARLES LIVELY TRUST	J AND J ENTERPRISES	114.25	2.00	$10/A	1/8	$50/Y	
1	0	0438	104	5/85	E AND B SAMPLES	UNION DRILLING, INC.	46.00	5.00	$5/A	1/8	$5/A	
1	0	0438	450	4/85	ED CLARK	STONEWALL GAS	117.00	3.00	$2/A	1/8	$2/A	
1	0	0438	225	5/85	GORE CORPORATION	J AND J ENTERPRISES	100.00	3.00	$10/A	1/8	$2/A	
1	0	0438	293	5/85	GUFFEY OIL AND GAS	CONTINENTAL PETROLEUM	30.00	2.00	$5/A	1/8		
1	0	0438	114	5/85	H. F. BAILEY	JAMES F. SCOTT	34.00	1.00	$5/A	1/8		
1	0	0439	103	6/85	J AND A DENT	WEST VIRGINIA ENERGIES	27.00	1.00	$9/A	1/8	$1/A	
1	0	0438	127	5/85	J AND M SHEARER	CONTINENTAL PETROLEUM	9.00	1.00	$5/A	1/8		
1	0	0439	178	6/85	K AND S KAYSER	ANVIL OIL	52.00	3.00	$5/A	1/8		
1	0	0439	0	6/85	K AND S KAYSER	ANVIL OIL	111.50	3.00	$5/A	1/8		
1	0	0439	114	6/85	K. BOOTH	ROCKWELL PETROLEUM	6.75	2.00	$5/A	1/8		
1	0	0439	116	6/85	K. BOOTH	ROCKWELL PETROLEUM	35.00	2.00	$5/A	1/8		
1	0	0438	711	6/85	L AND J COURTNEY	EXPLORA RESOURCES	36.00	5.00	$5/A	1/8	$5/A	
1	0	0439	21	6/85	MARIE BARNETT	ROCKWELL PETROLEUM	25.00	10.00	$4/A	1/8		
1	0	0438	375	6/85	P AND J PRITT	PDC	29.00	2.00	$7.5/A	1/8	$300/Y	
1	0	0439	151	7/85	P AND Z LOSH	WEST VIRGINIA ENERGIES	27.00	1.00	$5/A	1/8	$300/Y	
1	0	0438	175	5/85	P. FISHER, ETAL	UNION DRILLING, INC.	36.00	3.00	$5/A	1/8	$5/A	
1	0	0438	171	5/85	P. FISHER, ETAL	UNION DRILLING, INC.	46.00	3.00	$5/A	1/8	$5/A	
1	0	0438	438	6/85	R AND A COFFINDAFFER	STONEWALL GAS	45.00	3.00	$5/A	1/8	$5/A	
1	0	0438	440	6/85	R AND A COFFINDAFFER	STONEWALL GAS	256.00	3.00	$5/A	1/8	$5/A	
1	0	0019	464	5/85	ROBERT GARY, ETAL	CNG DEVELOPMENT	152.00	3.00	$2/A	1/8	$2/A	
1	0	0439	3	6/85	S. A. AND IRENE HALL, JR.	ARIES PETROLEUM	208.00	2.00	$4/A	1/8	$1/A	
1	0	0438	509	6/85	S. FUCCY, ETAL	BERRY ENERGY CONSULTANTS, INC.	134.00	1.00	$1.75/A	1/8	$300/Y	
1	0	0438	223	5/85	UNION NATIONAL BANK FOR S. MORRIS	J AND J ENTERPRISES	100.00	3.00	$10/A	1/8	$2/A	
1	0	0438	422	6/85	W AND G WEBER	STONEWALL GAS	114.75	2.00	$5/A	1/8	$5/A	
1	0	0436	680	4/85	W. W. AND ELLEN GAGNE	STONEWALL GAS	167.00	2.00	$5/A	1/8	$1.25/A	
						*** C O U N T Y T O T A L ***	6,575.86					

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	2	39	263	6/79	G. LAWRENCE	PENNZOIL CO	73.00	10.00		1/8		
2	2	39	234	5/79	HAMLIN REALTY	PENNZOIL CO	45.00	10.00	$1/A	1/8	$1/AC	
2	2	39	347	10/79	M.L. LANGSTAFF	PENNZOIL CO.	120.00	10.00	$1/A	1/8		$1/AC
2	2	39	315	8/79	R. LAWRENCE	PENNZOIL CORP	73.00	10.00	$1/A	1/8		
2	1	39	510	10/79	W.G. CHILDERS	DORAN & ASSOCIATES	163.00	2.00	$3/A	1/8		
2	1	39	343	10/79	WM. CHILDERS	DORAN & ASSOCIATES	163.00	2.00	$1/A	1/8		$3/AC
2	2	39	540	7/80	B. MAY	STERLING PRODUCTION	104.00	3.00	$3/A	1/8		
2	2	39	391	1/80	C.A. SMITH	A.E. KNOBLER	76.00	.50	$1/A	1/8		$3/AC
2	9		.	9/80	G.V. CANTERBURY	NORMAN L. BOTKIN	294.39	1.00	$1/A	1/8	$50/W	$2/AC
2	2	39	396	1/80	I. HELBERT	PENNZOIL CORP	45.00	10.00	$1/A	1/8		
2	1	39	607	10/80	J.C. SMITH	CABOT	153.50	.00	$2/A	1/8		
2	1	39	481	6/80	L.D. EDWARDS	CABOT	60.00	5.00	$2/A	1/8		
2	1	39	481	7/80	L.D. EDWARDS	CABOT OIL & GAS	60.00	5.00	$2/A	1/8	$2/AC	$2/AC
2	6	39	531	7/80	M. ADKINS HEIRS	JOHN JAY WHITE	180.00	5.00	$3/A	1/8		
2	4	39	534	7/80	SPEARS HEIRS	DYER WELL SERVICE	40.00	1.00	$2/A	1/8		
2	1	39	444	5/80	T. MARTIN	R.L. BOOSER	110.00	5.00	$3/A	1/8		
2	7	39	455	5/80	W. ELLIS	PENNZOIL	60.00	5.00	$1/A	1/8		
2	2	39	441	3/80	W. LEE	RAY RESOURCES	86.00	2.00	$2/A	1/8	$50/W	$3/A
2	2	39	441	4/80	W.W. LEE	RAY RESOURCES	86.00	2.00	$2/A	1/8	$50/W	$3/AC
2	8	39	630	2/81	A. MITCHELL	CITIES SERVICE	105.00	10.00	$1/A	1/8		
2	.	40	309	12/81	B. MCGHEE	LINCOLN PRODUCTION CO.	65.00	1.00	$2/A	1/8		
2	1	39	643	2/81	B.D. ALFORD	ALFRED E. KNOBLER	19.15	1.00		1/8		
2	.	40	252	9/81	D. STOWERS	CLINT HURT & ASSO.	49.00	5.00	$4/A	1/8		
2	.	40	254	9/81	D. STOWERS	CLINT HURT & ASSO.	201.50	5.00	$4/A	1/8		
2	2	39	671	2/81	D.R PAULEY	CABOT OIL & GAS	39.00	5.00	$2/A	1/8	$2/AC	
2	.	40	263	7/81	E. KEENEY	CITIES SERVICE	105.00	10.00	$1/A	1/8		
2	.	40	167	7/81	F. DAVIS	R.H. ADKINS	147.50	5.00	$4/A	1/8		
2	.	40	267	11/81	H. RABEC	CABOT	60.00	1.00	$3/A	1/8		
2	4	39	632	2/81	H.D. LUCAS	ALFRED E. KNOBLER	15.00	1.00	$3.00/A	1/8		
2	.	40	159	7/81	J.A. HOLLEY	PEAKE OPERATING	100.00	5.00	$1.20/A	1/8		
2	.	40	261	11/81	N. PORTER	SPARTAN GAS CO	65.00	3.00	$3/A	1/8		
2	.	40	163	7/81	P. THOMAS	R.H. ADKINS	65.00	5.00	$5./A	1/8		
2	.	40	250	10/81	T POLITINO	CLINT HURT & ASSO.	30.00	.00	$4/A	1/8		
2	.	41	363	3/82	B. MCNEELY	COLUMBIA GAS	170.00	10.00	$2/A	1/8		
2	.	41	263	6/82	E MOORE	PENNZOIL	83.50	5.00	$1/A	1/8		
2	.	41	109	7/82	E, WATTS	GRADEY SHELTON	60.00	8.00	$1/A	1/8		
2	9	41	54	5/82	F.W. CARRIER	PENNZOIL CO	54.00	5.00	$1/A	1/8		
2	.	41	101	6/82	G. EVICKS	COLUMBIA GAS	49.00	10.00	$2/A	1/8		
2	2	41	74	6/82	G. MORRISON HEIRS	PENNZOIL CO	115.00	5.00	$1/A			
2	.	41	273	7/82	G. YEAGER	ALLEGHANY & WESTERN	106.00	3.00	$3/A	1/8		
2	2	41	66	6/82	HAMLIN REALTY CO	PENNZOIL CO	30.00	5.00	$1/A			
2	2	41	70	6/82	HAMLIN REALTY CO	PENNZOIL CO	45.00	5.00	$1/A			
2	2	41	62	6/82	HAMLIN REALTY CO.	PENNZOIL CO	60.00	5.00	$1/A	1/8		
2	.	41	168	6/82	J. BELCHER	PENNZOIL CO	45.00	4.00	$1/A	1/8		
2	2	41	26	4/82	K. STEVENS	STERLING DRILLING	54.50	2.00	$5.00/A	1/4		
2	2	41	58	5/82	L. JACKSON	PENNZOIL CO	96.00	10.00	$1/A	1/8		
2	2	41	32	5/82	M STOWERS	STERLING DRILLING	54.00	2.00	$5/A	1/8		
2	.	41	105	6/82	M. CANTERBURY	LINCOLN PRODUCTION	100.00	1.00	$2/A	1/8		
2	.	41	222	6/82	M. HAYES	STERLING DRILLING	139.00	2.00	$5/A	1/8		

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	4 41		38	5/82	O VANCE	GRADY SHELTON	56.50	3.00	$1/A	1/8		
2	7 41		24	5/82	O.C. CLARK	STERLING DRILLING	30.00	2.00	$5.00/A	1/8		
2	. 41		177	7/82	P CONLEY	PENNZOIL CO	83.50	5.00	$1/A	1/8		
2	. 41		341	8/82	P. ADKINS	O.C. HALCOLM	119.00	10.00	$1/A	1/8		
2	. 41		99	6/82	T. HARDIN	PENNZOIL CO	83.50	5.00	$1/A	1/8		
2	5 41		21	6/82	T. LOVEJOY	KING ENTERPRISES	70.00	.00	$5.00/A	1/8		
2	9 41		746	3/83	B.H. INGRAHAM	PENNZOIL CO.	25.00	5.00		1/8		
2	1 41		691	2/83	F. MILLER	TEDDY & CARL BRAGG	160.00	.50	$2/A	1/8	$2/AC	
2	2 41		718	2/83	F.C. THOMPSON	PENNZOIL CO	25.00	5.00		1/8		
2	5 41		730	2/83	J. HADDOX	CABOT OIL & GAS	20.00	5.00	$2/A	1/8	$2/AC	$2/AC
2	2 41		710	2/83	K.O.A.G., INC	PENNZOIL CO.	50.00	5.00		1/8		
2	1 41		722	2/83	M.L. LANGSTAFF	PENNZOIL CO	258.50	5.00	$1/A	1/8	$1/AC	
2	2 41		.	2/83	M.L. LANGSTAFF	PENNZOIL CORP	56.00	6.00		1/8		
2	2 41		741	3/83	M.P. VLK	PENNZOIL CO.	123.00	5.00		1/8		
2	9 41		734	3/83	M.E. BLOUNT	PENNZOIL CO.	116.00	5.00		1/8		
2	7 41		714	2/83	S. BECKETT	SOUTHEASTERN GAS CO.	150.00	2.00	$10/A	1/8	$10/AC	
2	2 41		706	2/83	W.L. SCHMIDT	PENNZOIL CO.	50.00	5.00		1/8		
2	2 41		701	2/83	W.P. WHITE	PENNZOIL CO.	72.00	5.00	$1/A	1/8	$1/AC	
2	9 41		738	3/83	W.T INGRAHAM	PENNZOIL CO.	25.00	5.00		1/8		
					*** C O U N T Y T O T A L ***		5,892.04					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 23-LOGAN

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OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	2	33	114	7/80	G. BALLARD	AED	2.00	5.00	$2/A	1/8		
4	2	33	116	7/80	G. BALLARD	AED	4.40	5.00	$2/A	1/8		
4	2	33	118	7/80	G. BALLARD	AED	16.00	5.00	$2/A	1/8		
4	2	33	120	7/80	G. BALLARD	AED	30.00	5.00	$2/A	1/8		
4	2	33	122	7/80	G. BALLARD	AED	53.00	5.00	$2/A	1/8		
4	8		.	11/81	BRUCE MCDONALD HOLDING CO.	J. SCOTT	157.00	5.00	$4/A			
4	8	33	43	4/81	BRUCE MCDONALD HOLDING CO.	CNG PRODUCING	252.03	5.00	$2/A			
4	8	418	427	11/81	BRUCE MCDONALD HOLDING CO.	JAMES F. SCOTT	197.10	5.00	$3/A	1/8		
4	8	418	438	11/81	BRUCE MCDONALD HOLDING CO.	JAMES F. SCOTT	173.96	5.00	$3.91/A	1/8		
4	8	418	470	11/81	BRUCE MCDONALD HOLDING CO.	JAMES F. SCOTT	688.11	.00	$3/A	1/8		
4	8	33	447	8/81	C. ALTIZER	J. SCOTT	60.00	10.00	$3/A			
4	8	33	472	8/81	C. VANCE	J. SCOTT	15.00	3.00	$3/A			
4	8	33	449	8/81	F. MCCOY	J. SCOTT	17.00	3.00	$3/A			
4	8	33	497	9/81	F. WATERS	J. SCOTT	16.00	3.00	$3/A			
4	8	33	445	8/81	H. WEST	J. SCOTT	25.00	7.00	$3/A			
4	.	33	499	9/81	J. TOLER	J. SCOTT	7.00	3.00	$3/A			
4	8	33	501	9/81	L. HINCHMAN	J. SCOTT	11.00	3.00	$3/A			
4	8	418	459	11/81	P. C. MINTER	JAMES F. SCOTT	515.76	5.00	$1.00/A	1/8		
4	2	33	451	5/81	T. STEVENS	CABOT OIL & GAS	27.00	5.00	$2/A			
4	8	418	449	11/81	W.W MCDONALD LAND CO.	JAMES F. SCOTT	340.00	3.00	$3/A	1/8		
4	2	33	753	8/82	A.C JOHNSON	PENNZOIL CO.	17.00	7.00	$1/A			
4	2	33	714	3/82	B.R. SIPPLES	CABOT OIL & GAS	62.00	5.00	$2/A			
4	2	33	700	2/82	D. MCKENY	CABOT OIL & GAS	58.00	5.00	$2/A			
4	2	34	78	9/82	D. WEAVER	PENNZOIL CO.	65.00	10.00		1/8		
4	2	33	778	9/82	F. HAINOR	PENNZOIL CO.	100.00	10.00	$1/A			
4	2	33	631	1/82	F. PORTER	CABOT OIL & GAS	150.00	5.00	$2/A	1/8		
4	4	33	718	3/82	F. PORTER	CABOT OIL & GAS	177.00	5.00	$2/A			
4	2	33	702	2/82	F. THOMPSON	CABOT OIL & GAS	60.00	5.00	$2/A			
4	2	33	767	9/82	F.G COLVIN	PENNZOIL CO.	54.00	10.00	$1/A			
4	2	33	792	9/82	H. WHITE	PENNZOIL CO	10.00	10.00	$1/A			
4	2	33	796	9/82	J. CRADDOCK	PENNZOIL CO	6.70	10.00	$1/A			
4	2	33	712	3/82	J. JUSTICE JR	CABOT OIL & GAS	375.87	5.00	$2/A			
4	2	34	58	10/82	J.E GREEVER	PENNZOIL CO.	54.00	10.00	$1/A	1/8		
4	2	423	38	5/82	L. BALDWIN	KAISER ENERGY	82.00	5.00	$2/A	1/8		
4	2	33	720	4/82	L. SAUNDERS	CABOT OIL & GAS	60.00	5.00	$2/A			
4	2	33	724	3/82	M.M. LUCAS	CABOT OIL & GAS	110.00	5.00	$2/A			
4	2	33	635	1/82	N. HAINER	CABOT	60.71	5.00	$2/A	1/8		
4	2	33	784	9/82	N.J. BARKER	PENNZOIL CO.	21.00	10.00	$1/A			
4	2	33	706	2/82	O. BALL	CABOT OIL & GAS	48.00	5.00	$2/A			
4	2	33	774	9/82	O. STOWERS	PENNZOIL CO.	30.00	10.00	$1/A			
4	2	34	66	9/82	R.E HAGER	PENNZOIL CO	10.00	10.00	$1/A	1/8		
4	2	34	74	9/82	R.E. HAGER	PENNZOIL CO	65.00	10.00	$1/A	1/8		
4	2	33	788	9/82	R.R CREMEANS	PENNZOIL CO	23.25	10.00	$1/A			
4	2	33	757	9/82	RALEIGH-BOONE SERVICE CO.	PENNZOIL CO.	30.25	10.00	$1/A			
4	2	33	704	2/82	S. BROWN	CABOT OIL & GAS	60.00	5.00	$2/A			
4	2	34	70	10/82	T. HAGER	PENNZOIL CO	8.10	10.00		1/8		
4	2	33	666	1/82	T. MULLINS	CABOT	6.00	5.00	$4.35/A	1/8		
4	2	33	633	1/82	T. MULLINS	CABOT	127.60	5.00	$2/A	1/8		
4	2	33	708	3/82	T.L. MURPHY	CABOT OIL & GAS	77.75	5.00	$3/A			

OIL AND GAS SALES AND LEASE REPORT

R G H	DI	ST	BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	2	33		710	3/82	T.L. MURPHY	CABOT OIL & GAS	40.00	5.00	$3/A			
4	2	33		727	4/82	T.T. LULAS	CABOT OIL & GAS CORP	110.00	5.00	$2/A			
4	2	33		749	9/82	V. SIMMONS	PENNZOIL CO.	20.00	7.00	$1/A			
4	2	34		409	8/83	A. STOKERS	KAISER ENERGY	33.50	10.00	$3/A	1/8		
4	2	34		273	6/83	C. CHAPMAN	KAISER ENERGY	150.00	10.00	$2/A	1/8		
4	2	34		260	6/83	D. BYRNSIDE	KAISER ENERGY	107.00	10.00	$2/A	1/8		
4	2	34		276	6/83	F. PORTER	KAISER ENERGY	38.00	10.00	$3/A	1/8		
4	8	34		455	12/83	G. ALLEN	BEREA OIL & GAS	403.00	3.00	$5/A			
4	2	34		344	8/83	H. MCNEELY	KAISER ENERGY	75.00	10.00	$3/A	1/8		
4	2	34		282	7/83	J. MCKINNEY	KAISER ENERGY	42.00	10.00	$3/A	1/8		
4	2	34		291	6/83	M. SIMPKINS	KAISER ENERGY	74.00	5.00	$2/A	1/8		
4	2	34		279	7/83	P. LUCAS	KAISER ENERGY	35.16	10.00	$3/A	1/8		
4	2	34		285	7/83	P. LUCAS	KAISER ENERGY	137.75	10.00	$3/A	1/8		
4	2	34		294	7/83	S. RICHARDSON	KAISER ENERGY	40.00	5.00	$3/A	1/8		
4	2	34		257	6/83	T. BALL	KAISER ENERGY	107.00	10.00	$2/A	1/8		
							*** COUNTY TOTAL ***	6,029.02					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 24-MARION

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	.	651	309	12/83	E. BOICE	JAMES SCOTT	5.50	3.00	$5/AC	1/8		
4	0	0862	417	9/85	HALL, BYRON	JACK AND RALPH PAPKS	50.00	3.00	$5/A	1/8		
4	0	0864	622	2/86	HARBERT, RICHARD	KEELEX	55.00	2.00	$8/A	1/8	$8/A	
						COUNTY TOTAL	110.50					

OIL AND GAS SALES AND LEASE REPORT

R G NI	OI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	4	479	466	9/79	G. IPAVIS	PAN AMERICAN EXPLORATION	134.00	10.00	$1/A	1/8	$50/W	$1/A
5	13	479	667	12/79	H. MCMORTER	PAN AMERICAN EXPLORATION	111.00	10.00	$1/A	1/8	$50/W	$1/A
5	9	479	579	11/79	H. WILSON	AED	109.22	10.00	$1/A	1/8	$1/A	$2/A
5	14	479	512	9/79	H. WITZGALL	PAN AMERICAN EXPLORATION	146.00	10.00	$1/A	1/8	$50/W	$1/A
5	13	479	476	9/79	L. YANAK	PAN AMERICAN EXPLORATION	25.00	10.00	$1/A	1/8	$50/W	$1/A
5	13	470	687	9/79	L.M. WILLIAMS	PAN AMERICAN EXPLORATION	40.00	10.00	$1/A	1/8		$1/A
5	9	479	697	9/79	M.D. BOBBS	PAN AMERICAN EXPLORATION	76.00	5.00	$1/A	1/8		$2/A
5	.	479	432	9/79	P. AMRHEIN	PAN AMERICAN EXPLORATION	31.00	10.00	$1/A	1/8	$50/W	$1/A
5	13	479	679	12/79	R. MARSH	PAN AMERICAN EXPLORATION	21.00	10.00	$1/A	1/8	$50/W	$1/A
5	9	479	693	12/79	R. SMITH	PAN AMERICAN EXPLORATION	101.00	10.00	$1/A	1/8	$50/W	$1/A
5	9	479	645	9/79	S.K. LYONS	PAN AMERICAN EXPLORATION	118.00	5.00	$1/A	1/8		$1/A
5	14	479	488	9/79	W. BEAN	PAN AMERICAN EXPLORATION	102.00	10.00	$1/A	1/8	$50/W	$1/A
5	13	479	685	12/79	W. SCOTT	PAN AMERICAN EXPLORATION	70.00	10.00	$1/A	1/8	$50/W	$1/A
5	14	479	503	9/79	W. SHOOK	PAN AMERICAN EXPLORATION	43.00	10.00	$1/A	1/8	$50/W	$1/A
5	4	484	194	5/80	A.L. HIEBERGALL	INTERNATIONAL EXPLORATION	53.00	5.00	$2/A	1/8		
5	7	484	245	6/80	B. EVANS	STERLING DRILLING	112.00	5.00	$3/A	1/8	$3/A	
5	7	484	247	6/80	B. EVANS	STERLING DRILLING	151.00	5.00	$3/A	1/8	$3/A	
5	.	484	288	8/80	B. HOWARD	CARL E. SMITH	70.00	5.00	$2/A	1/8		
5	5	484	343	9/80	C. HARBOUR	MOBAY CHEMICAL	71.00	10.00	$5/A	1/8	$5/A	$1/A
5	7	484	139	6/80	C. HINERMAN	D & H OIL CO	150.00	10.00	$5/A	1/8		
5	9	484	20	1/80	C. RICHARDSON	AED	109.22	10.00	$1/A	1/8	$1/A	$2/A
5	5	484	393	12/80	C. WORKMAN	JOHN RICHMOND	141.00	5.00	$2/A	1/8	$50/W	$2/A
5	5	484	153	2/80	C.F VAN SCYOC	D & H OIL CO.	110.00	5.00	$5/A	1/8		
5	14	484	291	8/80	D. CROW	INTERNATIONAL EXPLORATION	38.00	5.00	$2/A	1/8	$50/W	$1/A
5	13	484	330	9/80	D. HAZLETT	UNIVERSAL MINERALS	14.00	10.00	$1/A	1/8	$1/A	
5	5	484	351	9/80	K. MCINTIRE	MOBAY CHEMICAL	71.00	10.00	$5/A	1/8	$5/A	$1/A
5	14	484	186	6/80	M. ALLEN	INTERNATIONAL EXPLORATION	29.00	10.00	$2/A	1/8	$50/W	$1/A
5	3	484	117	5/80	M. BOYD	CARL E. SMITH	110.88	5.00		1/8		
5	3	484	410	11/80	M. STRAHL	CABOT OIL & GAS CORP	133.00	5.00	$1/A	1/8		
5	13	484	230	6/80	R. DAGUE	PANAMERICAN EXPLORATION	23.00	10.00	$2/A	1/8	$50/W	$1/A
5	5	484	353	9/80	R. TRUEX	MOBAY CHEMICAL CORP	71.00	10.00	$5/A	1/8		
5	3	484	398	12/80	S. RICHMOND	CARL E. SMITH INC.	80.00	5.00	$2/A	1/8		
5	4	484	269	6/80	STANFORD MERCER EST.	INTERNATIONAL EXPLORATION	29.00	5.00	$2/A	1/8		
5	13	484	202	6/80	W. BROENSEN	INTERNATIONAL EXPLORATION	67.00	10.00	$2/A	1/8	$50/W	$1/A
5	15	484	548	4/81	A. ASTON	ASHLAND EXPLORATION	64.00	5.00	$1/A	1/8	$1/A	
5	9	484	432	2/81	C. BOBBS	CONSOLIDATED GAS	61.00	5.00	$.50/A	1/8		$300/W
5	15	484	658	5/81	C. FITZSIMMONS	PETROLEUM DEVELOPMENT	121.00	5.00	$5/A	1/8	$5/A	$300/W
5	15	495	34	8/81	D. BAYLES	PETROLEUM DEVELOPMENT	103.00	5.00	$2.50/A	1/8		$300/Y
5	4	484	582	4/81	D. HUNT	RICHMOND MINERALS	28.00	5.00	$2/A	1/8	$50/W	
5	12	484	418	1/81	E. SHAFER	COLUMBIA GAS	113.00	5.00	$1/A	1/8		$300/W
5	.	484	466	3/81	G. SIBURT	JOHN RICHMOND	36.00	.00	$2/A	1/8	$50/W	
5	12	495	42	11/81	H. DOUGHERTY	EASTERN DRILLING MUD SERVICES	52.00	5.00	$1/A	1/8		
5	15	484	650	5/81	H. MURPHY	PETROLEUM DEVELOPMENT	23.00	5.00	$5/A	1/8	$5/A	$300/W
5	12	484	711	9/81	J. GARDENER	KAND H. ENERGY	52.00	1.00	$5/A	1/8		
5	12	495	27	10/81	J. GORBY III	BRAXTON OIL AND GAS	67.00	1.00	$10/A	1/8		
5	14	484	576	4/81	L.D COFFIELD	PETROLEUM DEVELOPMENT	128.00	5.00	$5/A	1/8		$300/Y
5	15	484	634	4/81	L.K. BUSH ETAL	PETROLEUM DEVELOPMENT	47.00	5.00		1/8		$6.38/AC
5	15	484	592	4/81	M. KITTLE	ASHLAND EXPLORATION	172.00	5.00	$1/A	1/8	$1/A	
5	4	484	480	3/81	MARSHALL CO.WV AIRPORT AUTHORITY	CARTER-JONES LUMBER	126.78	5.00	$2/A	1/8	$50/W	

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 25-MARSHALL

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	14	484	598	4/81	R. ASTON	ASHLAND EXPLORATION	32.00	5.00	$1/A	1/8	$1/A	
5	4	484	440	3/81	R. BASSETT	JOHN RICHMOND	7.00	5.00	$2/A	1/8	$50/W	
5	3	484	514	3/81	R. MYERS	MOBAY CHEMICAL	150.00	5.00	$5/A	1/8	$5/A	$1/A
5	4	484	644	5/81	R. MYERS	MOBAY CHEMICAL	44.60	10.00	$5/A	1/8	$5/A	$1/A
5	15	484	586	3/81	W COFFIELD	ASHLAND EXPLORATION	88.00	5.00	$1/A	1/8		
5	4	484	458	3/81	W. BONAR	JOHN RICHMOND	126.00	5.00	$2/A	1/8	$50/W	
5	3	495	180	2/82	C. KNIGHT	SUN VALLEY OIL	220.00	3.00	$5/A	1/8	$5/A	
5	7	495	259	4/82	D. PIZER	WHITHAM OIL AND GAS	56.00	3.00	$5/A	1/8	$5/A	
5	15	495	178	2/82	E. FRANCIS	SUN VALLEY OIL	185.00	3.00	$5/A	1/8	$50/W	$2/A
5	3	495	257	4/82	E. GALL	WHITHAM OIL & GAS	276.00	1.00	$1/A	1/8		
5	7	495	364	7/82	E. MCGUFFIE ESTATE	PETROLEUM DEVELOPMENT	96.00	3.00	$5/A	1/8	$5/A	
5	7	495	83	1/82	J. BURLEY	WHITHAM OIL & GAS	621.00	5.00	$1/A	1/8	$1/A	
5	12	495	410	10/82	J. THOMAS	DORAN & ASSO.	103.00	.50	$4.85/A	1/8		
5	12	495	250	4/82	J. THOMAS	K & H ENERGY	103.00	.50	$10/A	1/8		
5	15	495	246	1/82	J.L. HEENOUSE	ASHLAND EXPLORATION	12.00	10.00	$1/A	1/8		
4	2	423	38	5/82	L. *BALOHIN*	*KAISER ENERGY*	82.00	5.00	$2/A	1/8		
5	4	495	531	11/82	M. CHAPLIN	J. RICHMOND	238.00	5.00	$5/A	1/8	$50/W	
5	7	495	393	9/82	M. MEAD	PENNZOIL	937.00	5.00	$1/A	1/8	$1/A	
5	3	495	166	2/82	R. BUSHOVISKY	PETROLEUM DEVELOPMENT	83.00	5.00	$5/A	1/8	$5/A	$300/W
5	9	495	525	8/82	R. RAYL	JOHN RICHMOND	127.00	5.00	$5/A	1/8		
5	3	495	208	3/82	T. BROWN	CABOT OIL AND GAS	104.25	5.00	$5/A	1/8	$5/A	
5	7	495	202	3/82	T. CONAWAY	WHITHAM OIL & GAS	490.00	6.00		1/8		
5	12	495	172	2/82	T. ELLIOT	COLUMBIA GAS	170.00	3.00	$5/A	1/8		$300/W
5	7	495	578	12/82	T. SICKLES	HADDAD & BROOKS	157.00	5.00	$5/A	1/8	$5/A	
5	7	495	360	3/82	V.S. BAKHASHI	PETROLEUM DEVELOPMENT	32.00	3.00	$5/A	1/8		$300/Y
5	5		.	5/83	A.J. BABE	P.P.G. INDUSTRIES	57.48	5.00	$5/A			
5	5	495	636	1/83	B. HENRY	MOBAY CHEMICAL	63.00	4.00	$5/A	1/8	$5/A	
5	5		.	6/83	B.O SMITH	P.P.G. INDUSTRIES	163.00	5.00	$5/A			
5	5		.	5/83	C.E. DARRAH	P.P.G. INDUSTRIES	171.00	5.00	$5/A			
5	5		.	5/83	C.E. DARRAH	P.P.G. INDUSTRIES	130.00	5.00	$5/A			
5	5		.	7/83	C.L. COFFIELD	P.P.G. INDUSTRIES	65.00	5.00	$5/A			
5	5	495	602	1/83	D. ALEXANDER	MOBAY CHEMICAL	74.00	2.00	$5/A	1/8	$5/A	
5	7	505	26	5/83	D. TAYLOR	HADDAD & BROOKS	130.00	5.00	$5/A	1/8	$5/A	
5	5		.	5/83	D.G. ANDERSON	P.P.G. INDUSTRIES	52.00	5.00	$5/A			
5	15	495	698	3/83	E. MICKEY	HAUGHT	59.00	2.00	$5/A	1/8		
5	5		.	6/83	E. WILSON	P.P.G. INDUSTRIES	203.00	5.00	$5/A			
5	5		.	6/83	G. RUFAN	P.P.G. INDUSTRIES	41.65	5.00	$5/A			
5	5	505	284	12/83	G. WOLFE EST.	NORTHEAST EXPLORATION	66.00	3.00	$6/A	1/8	$1/A	
5	5	505	288	12/83	H. BUTLER	NORTHEAST EXPLORATION	26.00	5.00	$5/A	1/8	$1/A	
5	5	495	676	3/83	H. TAYLOR	MOBAY CHEMICAL	121.00	10.00	$5/A	1/8	$1/A	$1/A
5	5		.	5/83	H.C. SMITH	P.P.G. INDUSTRIES	103.66	5.00	$5/A			
5	5		.	5/83	H.L HENRY	P.P.G. INDUSTRIES	71.00	5.00	$5/A			
5	5		.	7/83	J. GORBY	P.P.G. INDUSTRIES	187.00	5.00	$5/A			
5	7	505	30	5/83	J. HEILMAN	HADDAD & BROOKS	130.00	5.00	$5/A	1/8	$5/A	
5	12	505	201	10/83	J. THOMAS	DORAN & ASSO.	103.00	2.00	$2/A, PAID-UP	1/8		
5	5	505	302	12/83	J. WAYNE	NORTHEAST EXPLORATION	186.00	5.00	$7.50/A	1/8	$1/A	
5	5		.	5/83	J.D. CAMPBELL	P.P.G. INDUSTRIES	565.00	5.00	$5/A			
5	5		.	6/83	K.M PICKERING	P.P.G. INDUSTRIES	17.50	5.00	$5/A			
5	5	505	213	10/83	L. ARNOLD	HADDAD & BROOKS	120.00	5.00	$5/A	1/8	$1/A	$1/A

OIL AND GAS SALES AND LEASE REPORT

R G N	ST	OI BOOK	DEED NO	PAGE DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	5	505	290	12/83	L. PERSINGER	NORTHEAST EXPLORATION	196.00	3.00	$6/A-Y1,$7.50/A-Y2	1/8	$1/A	
5	5	505	206	12/83	L. REED	NORTHEAST EXPLORATION	77.00	5.00	$5/A	1/8	$1/A	
5	5		.	5/83	M.G. FRANCIS	P.P.G. INDUSTRIES	78.00	5.00	$5/A			
5	5		.	5/83	M.G. FRANCIS	P.P.G. INDUSTRIES	48.00	5.00	$5/A			
5	5		.	5/83	R. BLAKE	P.P.G. INDUSTRIES	67.00	5.00	$5/A			
5	3	495	701	3/83	R. COINER	HAUGHT	142.00	2.00	$5/A	1/8		
5	5		.	8/83	R. COZART	P.P.G. INDUSTRIES	130.00	5.00	$5/A			
5	5	505	89	8/83	R. SHIELDS	MOBAY CHEMICAL	128.00	5.00	$5/A	1/8	$1/A	$1/A
5	5	495	644	1/83	R. WOOD	MOBAY CHEMICAL	50.50	10.00	$5/A	1/8	$5/A	
5	5		.	6/83	R.C. KELLER	P.P.G. INDUSTRIES	172.00	5.00	$5/A			
5	5	495	628	1/83	T. HARBISON	MOBAY CHEMICAL	63.00	2.00	$5/A	1/8	$5/A	
5	5	505	116	10/83	T. WADE	PPG INDUSTRIES	38.00	5.00	$5/A			
5	5		.	6/83	T.G. WADE	P.P.G. INDUSTRIES	38.00	5.00	$5/A			
5	5		.	5/83	W.J. BRAUER	P.P.G. INDUSTRIES	66.00	5.00	$5/A			
					*** COUNTY TOTAL ***		12,694.74					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 26-MASON

REPORT NO. TXOILP1 PAGE 48
CURRENT DATE: 04/23/86

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	0	0055	230	8/83	ADAMS, ROGER	UNION DRILLING	32.50	5.00	$5/A	1/8	$5/A	
4	0	0053	420	2/83	ADKINS, H.	UNION DRILLING	36.00	10.00	$5/A	1/8	$5/A	
4	0	0053	267	1/83	BLAIN, IRVIN	UNIVERSAL PETROLEUM	80.00	5.00	$5/A	1/8	$5/A	$200/Y
4	0	0054	733	6/83	CULLEN, JOHN	KAISER EXPLORATION AND MINING	117.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0055	205	7/83	DAVIS, JAMES	CABOT OIL AND GAS	30.50	2.00	$5/A	1/8	$5/A	
4	0	0054	673	6/83	DEWHURST, DAVID	KAISER EXPLORATION AND MINING	34.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0054	676	6/83	DEWHURST, DAVID	KAISER EXPLORATION AND MINING	33.25	5.00	$5/A	1/8	$5/A	$1/A
4	0	0054	424	5/83	DRAIN, ROBERT	KAISER EXPLORATION AND MINING	32.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0055	96	7/83	DURST, CARROLL	KAISER EXPLORATION AND MINING	34.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0055	395	8/83	EDMONDS, JAPRETT	UNION DRILLING	66.50	5.00	$5/A	1/8	$5/A	
4	0	0054	179	4/83	FIELDS, MICHAEL	KAISER EXPLORATION AND MINING	74.68	1.00	$3/A	1/8	$3/A	$1/A
4	0	0055	616	11/83	FINLEY, RUSH	KAISER EXPLORATION AND MINING	60.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0054	367	5/83	GRESS, JAMES	KAISER EXPLORATION AND MINING	100.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0053	524	2/83	HILL, CECIL	UNIVERSAL PETROLEUM	125.00	5.00	$5/A	1/8	$5/A	
4	0	0054	584	6/83	HILL, CECIL	KAISER EXPLORATION AND MINING	40.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0054	433	5/83	KEEFER, CLYDE	KAISER EXPLORATION AND MINING	51.00	1.00	$5/A	1/8	$5/A	$1/A
4	0	0055	123	7/83	KEEFER, EVERETT	KAISER EXPLORATION AND MINING	117.00	1.00	$5/A	1/8	$5/A	$1/A
4	0	0055	89	7/83	KEEFER, MARY	CNG DEVELOPMENT	130.50	2.00	$2/A	1/8		$300/Y
4	0	0055	537	10/83	LAMBERT, M. ET AL	KAISER EXPLORATION AND MINING	198.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0056	14	12/83	LATHEY, ADRIAN	DEVON ENERGY	99.20	3.00	$5/A	1/8	$5/A	
4	0	0054	611	6/83	LEE, JACKIE	CABOT OIL AND GAS	237.00	3.00	$5/A	1/8	$5/A	
4	0	0055	159	7/83	LEGG, EDWIN ET AL	CNG DEVELOPMENT	137.00	5.00	$2/A	1/8		$300/Y
4	0	0054	691	6/83	LIEVING, H.	KAISER EXPLORATION AND MINING	258.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0056	106	1/84	ADAMS, MAXINE ET AL	UNION DRILLING	245.50	5.00	$5/A	1/8	$5/A	
4	0	0057	555	10/84	BALL, GORDON	UNION DRILLING	36.00	3.00	$5/A	1/8	$5/A	
4	0	0057	421	8/84	BANK ONE TRUST	UNION DRILLING	580.89	5.00	$5/A	1/8	$5/A	
4	0	0056	599	4/84	BEAVER, KERMIT	CNG DEVELOPMENT	45.00	10.00	$2/A	1/8		$300/Y
4	0	0057	321	7/84	CRANK, JACK	UNION DRILLING	501.00	5.00	$5/A	1/8	$5/A	
4	0	0057	433	9/84	DURST, GARY	KAISER EXPLORATION AND MINING	45.00	5.00	$5/A	1/8	$5/A	
4	0	0056	321	2/84	EDWARDS, C. ET AL	UNION DRILLING	235.00	3.00	$5/A	1/8	$5/A	
4	0	0056	64	1/84	FITZPATRICK, JOSEPH	BRASEL AND BRASEL	545.00	3.00	$10/A	1/8	$10/A	
4	0	0057	379	8/84	FLORA, LAWRENCE	UNION DRILLING	50.00	5.00	$5/A	1/8	$5/A	
4	0	0057	161	5/84	FULTZ, CHARLES	KAISER EXPLORATION AND MINING	42.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0056	632	4/84	GERLACH, KATHRYN	KAISER EXPLORATION AND MINING	457.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0057	471	10/84	GILL, WILLIAM	UNION DRILLING	46.06	3.00	$5/A	1/8	$5/A	
4	0	0056	546	3/84	KEEFER, ALVIN	KAISER EXPLORATION AND MINING	210.00	1.00	$5/A	1/8	$5/A	
4	0	0057	286	6/84	KEEFER, JOE	KAISER EXPLORATION AND MINING	50.00	1.00	$5/A	1/8	$5/A	
4	0	0057	228	5/84	LANGDON, ROBERT	UNION DRILLING	98.00	5.00	$5/A	1/8	$5/A	
4	0	0057	234	6/84	LANGDON, ROBERT	UNION DRILLING	63.00	5.00	$5/A	1/8	$5/A	
4	0	0056	200	2/84	LEE, ROGER	CABOT OIL AND GAS	237.00	3.00	$5/A	1/8	$5/A	
4	0	0057	388	8/84	LITCHFIELD, CHARLES	UNION DRILLING	40.50	5.00	$5/A	1/8	$5/A	
4	0	0057	195	5/84	LONG, ANNA	UNION DRILLING	50.00	3.00	$5/A	1/8	$5/A	
4	0	0057	240	6/84	LONG, DAYTON	UNION DRILLING	50.00	3.00	$5/A	1/8	$5/A	
4	0	0057	583	11/84	QUILLEN, JR. FRANKLIN	UNION DRILLING	116.31	5.00	$5/A	1/8	$5/A	
4	0	0057	164	5/84	RHODES, DONALD	KAISER EXPLORATION AND MINING	78.50	5.00	$5/A	1/8	$5/A	$1/A
4	0	0056	644	4/84	RUSSELL, HAROLD	KAISER EXPLORATION AND MINING	100.00	5.00	$5/A	1/8	$5/A	$1/A
4	0	0059	218	11/85	AKERS, JOCELYN	UNION DRILLING	78.00	5.00	$3/A	1/8	$3/A	
4	0	0058	281	4/85	ALBERT D. & HOLLICE V. THOMPSON	NYCOTEX GAS TRANSPORT	50.00	5.00	$5/A	1/8	$5/A	
4	0	0058	333	7/85	BARCH, RUBY	KAISER EXPLORATION AND MINING	66.10	10.00	$2/A	1/8	$2/A	

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 26-MASON

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	0	0058	271	5/85	BOYD & POOCHIE MYERS	UNION DRILLING, INC.	91.00	5.00	$5/A	1/8	$5/A	
4	0	0058	235	4/85	BOYD & RUTH E. MEADOWS	UNION DRILLING, INC.	174.00	5.00	$5/A	1/8	$5/A	
4	0	0058	292	5/85	CHARLES L. CLAY & COLEMAN E. BRYANT	UNION DRILLING, INC.	76.00	5.00	$5/A	1/8	$5/A	
4	0	0058	203	3/85	CLYDE & SYLVIA KEEFER	KAISER EXPLORATION & MINING COMPANY	51.00	1.00	$1/A	1/8	$1/A	
4	0	0058	232	4/85	DALLAS A. & EDNA B. EDMONDS	UNION DRILLING, INC.	34.00	5.00	$5/A	1/8	$5/A	
4	0	0058	244	4/85	DAVID & NANCY HALL	BRASEL & BRASEL	4.00	3.00		1/8	$1/A	$1/A
4	0	0059	117	10/85	DONELL, CHARLES	CNG DEVELOPMENT	35.00	7.00	$2/A	1/8	$2/A	
4	0	0059	102	10/85	EDMONDS, JAMES	UNION DRILLING	76.00	5.00	$5/A	1/8	$2/A	
4	0	0058	226	4/85	GARY & MARY MEADOWS	UNION DRILLING, INC.	83.50	5.00	$5/A	1/8	$5/A	
4	0	0058	256	4/85	JEFFERY & DIANA GIBBS	BRASEL & BRASEL	.40	3.00		1/8	$1/A	$1/A
4	0	0058	247	4/85	JOHN & PHYLLIS BURGARNER	BRASEL & BRASEL	.25	3.00		1/8	$1/A	$1/A
4	0	0058	206	3/85	JOHN W. & MAMIE E. COOK	UNION DRILLING, INC.	100.00	5.00	$5/A	1/8	$5/A	
4	0	0058	240	4/85	JULIA THOMAS ET AL	RICK KNIGHT	20.00	10.00		1/8		
4	0	0058	278	4/85	LOUISE J. & ALBERT D. THOMPSON	NYCOTEX GAS TRANSPORT	218.20	5.00	$5/A	1/8	$5/A	
4	0	0058	229	4/85	MAUDE OAKS	UNION DRILLING, INC	113.00	5.00	$5/A	1/8	$5/A	
4	0	0058	251	4/85	PAULA E. CAMP	BRASEL & BRASEL	2.30	3.00		1/8	$1/A	$1/A
4	0	0058	249	4/85	PAULA E. CAMP	BRASEL & BRASEL	4.20	3.00		1/8	$1/A	$1/A
4	0	0058	254	4/85	RALPH & CORLETTA CAMP	BRASEL & BRASEL	.40	3.00		1/8	$1/A	$1/A
4	0	0058	295	4/85	SAM BOSTON	NYCOTEX GAS TRANSPORT	231.83	1.00	$5/A	1/8	$5/A	
4	0	0058	223	4/85	THOMAS W. & LUCILLE L. SOMMER	UNION DRILLING, INC.	51.00	5.00	$5/A	1/8	$5/A	
4	0	0058	193	2/85	THOMAS, FRANK ET AL	NYCOTEX GAS	344.00	5.00	$3/A	1/8	$3/A	
4	0	0058	193	2/85	VIRGINIA J. CASTO	NYCOTEX GAS TRANSPORT	344.00	5.00	$3/A	1/8	$3/A	

*** COUNTY TOTAL *** 8,293.87

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
H	ST											
2	13	351	731	9/79	J. BAILEY	CITIES SERVICE CO.	10.00	1.00		1/8		
2	13	351	735	9/79	J. BAILEY	CITIES SERVICE CO.	4.00	1.00		1/8		
2	13	351	576	12/79	J. MCNEW	M. RUSH	2,100.00	5.00	TRUCK-BONUS	1/6	$100/W	
2	13	351	727	9/79	K. BAILEY	CITIES SERVICE CO.	26.00	2.00		1/8		
2	13	349	6	5/79	R. VIARS	CITIES SERVICE	9.00	10.00	$1/A	1/6		
2	13	354	104	6/80	C. DAVIS	GEORGIA FUELS	331.40	10.00	$1/A	1/8		
2	4	353	496	4/80	E. JAMES	AED	1,567.00	.50	$1/A	1/8	$1/A	
2	13	358	319	3/81	D. MULLINS	V. DAVIS	200.00	.00	$.12/A	1/8		$1/A
2	4	360	230	7/81	E. JAMES	CABOT	1,567.00	2.00	$2/A	1/8	$2/A	
2	13	358	322	3/81	E. MULLINS	V. DAVIS	25.00	3.00	$16.48/A	1/8		
2	.	360	441	7/81	J. BOND	BOW VALLEY PETROLEUM	8.85	1.00	$1.25/A	1/8		
2	13	362	480	8/81	K. BAILEY	CITIES SERVICE CO.	26.00	2.00		1/8		
2	.	361	456	9/81	R. HARMON	J. SCOTT	401.25	2.00	$10/A	1/8		
2	.	361	438	9/81	TUG FORK LAND CO.	GEORGIA FUELS	1,000.00	2.00	$1/A	1/8		
2	.	362	390	11/81	W. CLICK	ADOBE OIL & GAS	72.94	10.00	$1/A	1/8	$50/W	
2	.	363	261	2/82	E. DAY	MORRIS EXPLORATION	80.00	10.00	$1/A	1/8		
2	1	364	620	6/82	F. CARTWRIGHT	J. SCOTT	28.00	10.00	$4/A	1/8		
2	.	363	226	1/82	G. GOODE	J. SCOTT	55.00	5.00	$5/A	1/8		
2	.	363	142	1/82	H. PAYNE	MORRIS EXPLORATION	35.00	10.00	$1/A	1/8	$1/A	
2	3	363	239	1/82	J. BLEVINS	J. SCOTT	205.00	1.50	$5/A	1/8		
2	3	363	243	1/82	J. BLEVINS	J. SCOTT	48.00	1.50	$5/A	1/8		
2	.	363	126	1/82	J. TYSON	GEORGIA FUELS	300.00	1.00	$.33/A	1/8		
2	3	364	320	4/82	L. FRY	C.E. BECK	124.00	5.00	$1/A	1/8		
2	13	364	362	4/82	S. LESTER	J. SCOTT	90.40	1.50	$5/A	1/8		
2	13	363	227	1/82	T. ATWELL	J. SCOTT	15.00	3.00	$1/A	1/8		
2	13	366	369	9/82	TUG FORK LAND CO.	GEORGIA FUELS	1,000.00	2.00	$1/A	1/8		
2	13	366	613	11/82	W. DENNIS	CNG PRODUCING	261.00	10.00	$2/A	1/8		
2	3	370	228	8/83	C. BILLIPS	CONOCO	40.30	5.00	$1/A	1/8	$1/A	
2	3	372	53	12/83	D. BREWSTER	CONOCO	156.00	5.00	$1/A	1/8	$1/A	
2	1	372	154	12/83	H.H. SMITH	CONOCO	73.50	5.00	$1/A	1/8	$1/A	
2	3	369	121	5/83	I.DAY	CONOCO	58.00	5.00	$1/A	1/8	$1/AC	
2	1	369	364	6/83	J. BENNETT	CONOCO	29.90	5.00	$1/A	1/8	$1/A	
2	3	369	139	5/83	J.T. DAY	CONOCO	8.50	5.00	$1/A	1/8	$1/A	
2	1	369	135	5/83	L.M. FORMAN	CONOCO	29.90	5.00	$1/A	1/8	$1/A	
2	1	369	131	5/83	LM FORMAN	CONOCO	103.87	5.00	$1/A	1/8	$1/AC	
2	3	367	466	1/83	M.B. BALLARD	COLUMBIA GAS TRANSMISSION	109.00	5.00	$2/A	1/8	$2/A	$300/W
2	3	372	33	12/83	P. PHILLIPS	CONOCO	50.00	5.00	$1/A	1/8	$1/AC	
2	3	368	442	3/83	POCAHONTAS LAND CO.	CONOCO	19,215.00	5.00	$1.25/A	1/6		
2	3	369	129	5/83	R. DAUGHERTY	CONOCO	12.50	10.00	$1/A	1/8	$1/A	
2	3	372	31	12/83	S.A. BREWSTER	CONOCO	50.00	5.00	$1/A	1/8	$1/A	
2	3	370	600	9/83	S.R. BOWMAN	CONOCO	39.50	10.00	$1/A	1/8	$1/A	
2	3	372	152	12/83	S.R. SHAPIRO	CONOCO	100.00	5.00	$1/A	3/16	$1/A	
2	3	367	540	1/83	U.G. ALTIZER	JAMES F. SCOTT	65.37	2.00	$5/A	1/8		
2	3	369	717	7/83	W. BENNETT	CONOCO	90.90	5.00	$1/A	1/8	$1/A	
2	3	372	35	12/83	W. BREWSTER	CONOCO	50.00	5.00	$1/A	1/8	$1/A	
2	3	368	515	4/83	W. MILLER	GEORGIA FUELS CO.	175.00	3.00	$1/A	1/8		
2	1	369	596	7/83	W.D. SMITH	CONOCO	73.50	5.00	$1/A	1/8	$1/A	
2	.	375	8	8/84	B. BAILEY	BEREA OIL & GAS	10.00	10.00	$5/A	1/8	$50/W	
2	.	375	348	8/84	B. BAILEY	BEREA OIL & GAS	87.45	10.00	$5/A	1/8	$50/W	

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
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OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	.	375	12	8/84	B. BAILEY	BEREA OIL & GAS	5.00	10.00	$5/A	1/8	$50/W	
2	.	375	10	8/84	B. BAILEY	BEREA OIL & GAS	20.00	10.00	$5/A	1/8	$50/W	
2	.	375	556	9/84	B. KEY ETAL	ENERGY DEVELOPMENT CORP	44.00	3.00	$2/A, $1/Y2+	1/8		
2	.	375	391	8/84	B. MCGRAW	BEREA OIL & GAS	.50	10.00	$5/A	1/8	$50/W	
2	.	375	336	8/84	C. CARTWRIGHT	BEREA OIL & GAS	34.40	10.00	$3/A	1/8	$50/W	
2	.	375	1	8/84	C. LANE	CONOCO	7.00	5.00	$1/A	1/8		
2	.	375	18	8/84	D. CARTWRIGHT	BEREA OIL & GAS	34.40	10.00	$3/A	1/8	$50/W	
2	.	374	345	6/84	D. HUNLEY	CONOCO	27.50	5.00	$1/A	1/8		
2	.	374	615	7/84	D. HUNLEY	CONOCO	46.00	5.00	$1/A	1/8		
2	0	374	374	6/84	E. CARTWRIGHT	BEREA OIL & GAS	34.40	10.00	$3/A	1/8	$50/W	
2	.	374	575	7/84	E. HAWKINS	TXO PRODUCTION CORP	40.00	5.00	$1/A	1/8	$2/A	
2	.	375	20	8/84	F. BURRIS	BEREA OIL & GAS	87.45	10.00	$5/A	1/8	$50/W	
2	.	375	535	9/84	G. HORN ETAL	ENERGY DEVELOPMENT CORP	20.00	2.00	$1/A	1/8		
2	.	374	467	7/84	H. EVANS	ENERGY DEVELOPMENT CORP	60.50	3.00	$1/A	1/8	$50/W	
2	.	375	344	8/84	J. CAUDILL	BEREA OIL & GAS	87.45	10.00	$5/A	1/8	$50/W	
2	.	375	16	8/84	J. CARTWRIGHT	BEREA OIL & GAS	34.40	10.00	$3/A	1/8	$50/W	
2	.	374	59	5/84	J. FRANKLIN	BEREA OIL & GAS	48.80	10.00	$3/A	1/8	50/Y	
2	.	374	61	5/84	J. FRANKLIN	BEREA OIL & GAS	23.90	10.00	$3/A	1/8	50/Y	
2	.	375	342	8/84	J. PHILLIPS	BEREA OIL & GAS	87.45	10.00	$5/A	1/8	$50/W	
2	.	375	590	9/84	J. YATES	BEREA OIL & GAS	1.80	10.00	$10/A	1/8	$50/W	
2	.	375	14	8/84	K. BAILEY	BEREA OIL & GAS	10.00	10.00	$5/A	1/8	$50/W	
2	.	375	338	8/84	M. SPRIVEY	BEREA OIL & GAS	30.00	10.00	$5/A	1/8	$50/W	
2	.	375	340	8/84	M. BAILEY	BEREA OIL & GAS	30.00	10.00	$5/A	1/8	$50/W	
2	.	374	347	6/84	M. BRESTER	CONOCO	50.00	5.00	$1/A	1/8		
2	.	375	387	8/84	M. CLINE	BEREA OIL & GAS	30.00	10.00	$5/A	1/8	$50/W	
2	.	374	44	5/84	O. MCCOY	ENERGY DEVELOPMENT CORP.	50.00	.50	$1/A	1/8		
2	.	374	505	7/84	P. HARRIS	TXO PRODUCTION CORP	40.00	5.00	$1/A	1/8	$2/A	
2	.	375	393	8/84	P. RICHARDSON	BEREA OIL & GAS	34.40	10.00	$3/A	1/8	$50/W	
2	.	374	57	5/84	R. FRANKLIN	BEREA OIL & GAS	48.80	10.00	$3/A	1/8	50/Y	
2	.	374	55	5/84	R. FRANKLIN	BEREA OIL & GAS	23.90	10.00	$3/A	1/8	50/Y	
2	.	374	582	7/84	R. HAWKINS	TXO PRODUCTIONS CORP.	65.00	5.00	$1/A	1/8	$2/A	
2	.	374	579	7/84	R. HAWKINS	TXO PRODUCTION CORP	40.00	5.00	$1/A	1/8	$2/A	
2	.	374	236	6/84	R. MILLEN	BEREA OIL & GAS	16.00	10.00	$5/A	1/8	$50/W	
2	.	375	673	9/84	S. JUSTICE	ENERGY DEVELOPMENT CORP	11.00	3.00	$2/AY1,$1/AY2+	1/8		
2	.	375	389	8/84	T. DILLON JR.	BEREA OIL & GAS	2.00	10.00	$5/A	1/8	$50/W	
2	.	374	619	7/84	T. HAGERMAN	ENERGY DEVELOPMENT CORP.	25.00	2.00	$10/A	1/8		
2	.	375	716	9/84	TUG FORK LAND CO.	GEORGE KING	1,002.74	3.00	$3.00/AC	1/8		
2	.	375	352	8/84	V. BAILEY	BEREA OIL & GAS	48.70	10.00	$5/A	1/8	$50/W	
2	.	374	589	7/84	V. BEAVERS	TXO PRODUCTION CORP	40.00	5.00	$1/A	1/8	$2/A	
2	.	374	52	5/84	W. HARRY ETAL	BEREA OIL & GAS	48.80	10.00	$3/A	1/8	50/Y	
2	.	374	49	5/84	W. HARRY ETAL	BEREA OIL & GAS	23.90	10.00	$3/A	1/8	50/Y	
2	.	375	334	8/84	W. PEREGOY	BEREA OIL & GAS	34.40	10.00	$3/A	1/8	$50/W	
2	.	375	346	8/84	W. THOMPSON	BEREA OIL & GAS	87.45	10.00	$5/A	1/8	$50/W	
2	.	375	350	8/84	Z. VANCE	BEREA OIL & GAS	50.13	10.00	$5/A	1/8	$50/W	
2	0	0381	213	9/85	ALTIZER, RHEA	BEREA OIL AND GAS	54.00	5.00	$5/A	1/8	$50/Y	
2	0	0380	216	7/85	BAILEY, RUTH	BEREA OIL AND GAS	16.29	5.00	$5/A	1/8	$50/Y	
2	0	0380	222	7/85	BENNINGTON, STELLA	BEREA OIL AND GAS	50.00	1.00	$3/A	1/8	$3/A	$2/A
2	0	0380	565	8/85	BERWIND LAND COMPANY	TXO PRODUCTION	7,101.50	5.00	$2/A	1/6	$2000/Y	
2	0	0382	343	12/85	BIRCHFIELD, JAMES	BEREA OIL AND GAS	15.00	1.00	$10/A	1/8	$10/A	$2/A

OIL AND GAS SALES AND LEASE REPORT

R G	DI	ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	0	03	82	345	12/85	BLANKENSHIP, THEODORE	BEREA OIL AND GAS	15.00	1.00	$10/A	1/8	$10/A	$2/A
2	0	03	80	194	7/85	BREEDING, LUNDY	BEREA OIL AND GAS	87.45	1.00	$10/A	1/8	$10/A	$2/A
2	0	03	81	292	9/85	COE, ROMIE	BEREA OIL AND GAS	30.00	10.00	$5/A	1/8	$50/Y	
2	0	03	81	294	9/85	COE, ROMIE	BEREA OIL AND GAS	6.00	10.00	$5/A	1/8	$50/Y	
2	0	03	80	238	7/85	FRY, LUCIAN	BEREA OIL AND GAS	3.50	1.00	$10.5/A	1/8	$10.5/A	$2/A
2	0	03	80	108	7/85	GILLESPIE, W.	ATLANTIC RICHFIELD	222.51	3.00	$1/A	1/8	$1/A	
2	0	03	82	74	11/85	HEDRICK, GEORGE II	ATLANTIC RICHFIELD	18.97	5.00	$1/A	1/8	$1/A	
2	0	03	82	248	12/85	HUTCHINSON, DAVID	BEREA OIL AND GAS	7.50	1.00	$10/A	1/8	$10/A	$2/A
2	0	03	80	653	8/85	LARUE, GEORGE ET AL	CNG DEVELOPMENT	45.00	5.00	$2/A	1/8	$2/A	
2	0	03	82	250	12/85	LOCKHART, JAMES	BEREA OIL AND GAS	7.50	1.00	$10/A	1/8	$10/A	$2/A
2	0	03	82	99	11/85	MARRS, ARNOLD	CONOCO	75.00	5.00	$1/A	1/8	$1/A	
2	0	03	82	96	11/85	MARRS, ERNIE	CONOCO	40.00	5.00	$1/A	1/8	$1/A	
2	0	03	81	181	9/85	MAULT, LOIS	ENERGY DEVELOPMENT	81.55	3.00	$2/A	1/8	$50/Y	
2	0	03	81	211	9/85	ROBERTS, CYNTHIA	BEREA OIL AND GAS	87.45	10.00	$10/A	1/8	$10/A	$2/A
2	0	03	81	613	10/85	ROBERTS, KENNETH	BEREA OIL AND GAS	87.45	1.00	$10/A	1/8	$10/A	$2/A
2	0	03	80	196	7/85	ROBERTS, NORMA	BEREA OIL AND GAS	87.45	1.00	$10/A	1/8	$10/A	$2/A
2	0	03	82	339	12/85	ROBERTS, RALPH	BEREA OIL AND GAS	15.00	10.00	$10/A	1/8	$10/A	$2/A
2	0	03	80	658	8/85	SADLER, JOHNNY	CNG DEVELOPMENT	11.00	5.00	$2/A	1/8	$2/A	
2	0	03	80	220	7/85	SMITH, EZRA	BEREA OIL AND GAS	1.25	10.00	$5/A	1/8	$50/Y	
2	0	03	81	207	9/85	SMITH, FLORENCE	BEREA OIL AND GAS	4.00	1.00	$3/A	1/8	$3/A	$2/A
2	0	03	82	341	12/85	STACY, CLYDE	BEREA OIL AND GAS	15.00	10.00	$10/A	1/8	$10/A	$2/A
2	0	03	81	286	9/85	STACY, DENVER	BEREA OIL AND GAS	15.00	1.00	$10/A	1/8	$10/A	$2/A
2	0	03	81	597	10/85	STREET, ORVILLE	BEREA OIL AND GAS	35.00	10.00	$3/A	1/8	$3/A	$2/A
2	0	03	80	738	8/85	THOMASSON, ROGER ET AL	ENERGY DEVELOPMENT/DOUGLAS EVANS	87.45	1.00	$1/A	1/8	$50/Y	
2	0	03	82	692	1/86	BAILEY, CARL	CITIES SERVICE OIL AND GAS	6.00	10.00	$1/A	1/8	$1/A	
2	0	03	82	617	1/86	BOWMAN, FRANKIE	CONOCO	70.00	5.00	$1/A	1/8	$1/A	
2	0	03	82	588	1/86	FOSTER, PEARLIE	BEREA OIL AND GAS	30.00	10.00	$5/A	1/8	$50/Y	
2	0	03	82	590	1/86	LOCKHART, CHILTON	BEREA OIL AND GAS	6.00	10.00	$5/A	1/8	$50/Y	
2	0	03	82	586	1/86	LOCKHART, CLYDE	BEREA OIL AND GAS	7.50	1.00	$10/A	1/8	$10/A	$2/A
2	0	03	82	625	1/86	MARRS, ARNOLD	CONOCO	1.00	5.00	$1/A	1/8	$1/A	
2	0	03	82	619	1/86	MARRS, ERNIE	CONOCO	.78	5.00	$1/A	1/8	$1/A	
2	0	03	82	627	1/86	MARRS, PONEY	CONOCO	.28	5.00	$1/A	1/8	$1/A	

*** COUNTY TOTAL *** 41,329.58

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R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	5	12	173	4/79	C. DUNAGAN	R. GADDY	310.00	10.00	$1/A	1/8	$1/A	
4	11	12	489	6/79	C. DUNCAN	R. GADDY	50.22	10.00	$1/A	1/8	$1/A	
4	.	12	208	4/79	F. WITT	R. GADDY	80.60	10.00	$1/A	1/8	$1/A	
4	11	12	163	4/79	G. AKERS	R. GADDY	88.00	10.00	$1/A	1/8	$1/A	
4	9	12	523	10/79	G. GILBERT	PENNZOIL	80.00	10.00	$1/A	1/8	$1/A	
4	6	12	427	5/79	H. MEADOWS	AED	22.00	5.00	$1/A	1/8	$50/W	$2/A
4	11	12	433	5/79	H. THOMPSON	AED	21.00	3.00	$1/A	1/8	$50/W	$2/A
4	9	12	519	10/79	O. HUFFMAN	PENNZOIL	49.44	10.00	$1/A	1/8	$1/A	
4	9	12	155	4/79	ORBIT CORP.	R. GADDY	15.69	10.00	$1/A	1/8	$1/A	
4	11	12	305	2/79	S. WYATT	RICHARD S. GADDY	388.70	10.00	$1/A	1/8		
4	6	12	435	5/79	V. EPLING	AED	28.00	5.00	$1/A	1/8	$50/W	$2/A
4	6	12	421	4/79	W. CLARK	AED	40.00	5.00	$1/A	1/8	$50/W	$2/A
4	6	12	527	11/79	W. EPLING	AED	104.00	2.00	$1/A	1/8	$1/A	$2/A
4	6	14	157	6/80	A.M. LILLY	APCO	300.00	10.00	$1/A	1/8		
4	9	12	535	2/80	B. MCHANAWAY	D & H OIL	130.00	10.00	$1/A,$2/A-BONUS	1/8		
4	11	13	319	5/80	C. WALKER	R. GADDY	32.10	10.00	$1/A	1/8	$1/A	
4	9	13	672	5/80	F.W. DORTON	ARCO	4,600.00	10.00	$1/A	1/8		
4	9	12	334	3/80	G. GILBERT	DELWINTEX OIL & GAS PROPERTIES	82.09	10.00	$1/A	1/8		
4	9	13	315	5/80	H. WHITT	R. GADDY	113.80	10.00	$1/A	1/8	$1/A	
4	5	13	368	3/80	H.D. WILLIBY	DELWINTEX OIL & GAS PROPERTIES	250.00	10.00	$1/A	1/8		
4	9	12	656	2/80	J. BOWLING	ARCO	277.00	10.00	$1/A	1/8	$1/A	
4	6	13	346	5/80	J. CAROSI	DELWINTEX OIL & GAS	92.00	10.00	$1/A	1/8	$1/A	
4	5	12	555	1/80	J.E. WHITE	D & H OIL CO.	71.00	10.00	$2./A Y1,$1.00/A	1/8		
4	9	14	801	3/80	J.M. HORLBECK	RICHARD S. GADDY	670.00	10.00	$1/A	1/8		
4	11	13	149	3/80	J.W. WILLIAMS	ARCO	97.00	10.00	$1/A	1/8		
4	5	12	537	2/80	N. ANDERSON	D & H OIL	199.00	10.00	$1/A,$2/A-BONUS	1/8		
4	5	12	611	1/80	M. THOMPSON	D & H OIL CO.	171.00	10.00	$2./A Y1,$1.00/A	1/8		
4	5	14	320	12/80	N TAYLOR	STERLING DRILLING	56.00	1.00	$1/A	1/8		
4	5	13	337	5/80	R. FUQUA	DELWINTEX OIL & GAS	91.00	10.00	$1/A	1/8	$1/A	
4	6	12	747	3/80	R. LILLY	ARCO	37.00	10.00	$1/A	1/8	$1/A	
4	2	13	340	5/80	R. THOMPSON	DELWINTEX OIL & GAS	95.77	10.00	$1/A	1/8	$1/A	
4	5	14	133	7/80	R.R TRAVIS	ARCO	156.50	10.00	$1/A	1/8		
4	5	12	629	2/80	V. HARVEY	ARCO	193.00	10.00	$1/A	1/8	$1/A	
4	11	12	626	2/80	W. FAIDLEY	APCO	57.00	10.00	$1/A	1/8	$1/A	
4	2	14	5	5/80	W. ROLAND	STERLING DRILLING	130.75	1.00	$1/A	1/8		
4	2	14	697	7/81	A. POWERS	STERLING DRLG	32.00	10.00	$1/A	1/8	$1/A	
4	11	14	409	2/81	E.E. TILLEY	J.D. SIMMONS, INC	252.39	10.00	$1/A	1/8		
4	5	14	694	7/81	G. OWENS	STERLING DRLG	47.95	10.00	$1/A	1/8	$1/A	
4	2	14	771	10/81	H. PERDUE	C. STUBBLEFIELD	36.00	10.00		1/8		
4	9	14	716	7/81	J. KEYS	STERLING DRLG.	122.00	10.00	$1/A	1/8	$1/A	
4	11	14	740	8/81	L. DERRETT	MORRIS EXPL.	37.50	10.00	$1/A	1/8	$1/A	
4	11	14	353	3/81	L. HAGERMAN	J.D. SIMMONS	91.00	10.00	$1/A	1/8	$1/A	
4	9	14	598	5/81	L. HAZELWOOD	CABOT	75.00	5.00	$2/A	1/8	$2/A	$2/A
4	6	14	429	2/81	POCAHONTAS ASSOCIATES,INC	CABOT OIL & GAS	1,816.85	1.00	$2/A	1/8		
4	6	14	439	2/81	POCAHONTAS ASSOCIATES,INC	CABOT OIL & GAS	208.00	1.00	$2/A	1/8		
4	5	14	657	6/81	R. WHEBY	CABOT	30.00	5.00	$2/A	1/8	$2/A	$2/A
4	11	14	343	2/81	S.N. FOLEY	J.D. SIMMONS, INC	60.54	10.00	$1/A	1/8		
4	6	14	721	7/81	W. CLARK	CABOT	519.00	10.00	$2/A	1/8	$2/A	$2/A
4	9	15	57	6/82	C. WOPLEY	COLUMBIA GAS	23.00	10.00	$2/A	1/8	$2/A	$300/W

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	11	15	35	3/82	D. PRICE	MORRIS EXPL.	4.86	10.00	$1/A	1/8	$1/A	
4	6	15	86	10/82	E. KINDER	CABOT	90.00	4.00	$2/A	1/8	$2/A	$2/A
4	2	15	78	10/82	H. MCNEAL	CNG PRODUCING	19.00	10.00	$2/A	1/8		$300/W
4	2	15	82	10/82	H. MCNEAL	CNG PRODUCING	20.00	10.00	$2/A	1/8		$300/W
4	6	15	74	10/82	H. WOOD	CABOT	24.00	5.00	$2/A	1/8	$2/A	$2/A
4	2	15	98	10/82	J. BALL	CNG PRODUCING	130.00	10.00	$2/A	1/8		$300/W
4	11	15	70	10/82	N. THOMPSON	CABOT	21.00	3.00	$2/A	1/8	$2/A	$2/A
4	11	15	32	3/82	P. ATKINS	MORRIS EXPL.	22.00	10.00	$1/A	1/8	$1/A	
4	6	15	11	2/82	W. EPLING	CABOT	230.00	3.00	$2/A	1/8	$2/A	$2/A
4	9	15	138	8/83	D.E. THORN	CABOT OIL & GAS	114.50	5.00	$2/A			
4	9	15	161	7/83	D.F. MORIN	CABOT OIL & GAS	37.00	5.00	$2/A			
4	6	15	117	2/83	G. JEWEL	CABOT	319.00	10.00	$2/A	1/8	$2/A	$2/A
4	6	15	121	4/83	G.P. SHREWSBURY	CABOT OIL & GAS	135.00	5.00	$3/A			
4	2	15	106	12/83	J. BORICH	CNG PRODUCING	98.00	10.00	$2/A			
4		15	126	8/83	J. BROYLES	F. BROYLES	219.80	10.00	$4/A	1/8	$4/A	
4	11	15	165	11/83	L.G. EADS	CABOT OIL & GAS	159.00	5.00	$2/A			
4	9	15	136	8/83	R.E. BOWLING	CABOT OIL & GAS	28.85	5.00	$2/A			
4	6	15	140	7/83	R.L. CLARK	CABOT OIL & GAS	40.50	5.00	$2/A			
4	6	15	114	6/83	R.S. MACCLURE	CABOT OIL & GAS	319.00	10.00	$2/A			
4	6	15	133	7/83	T. CASALI	CABOT OIL & GAS	2,781.10	5.00	$5/A			
4	9	15	173	12/83	Z.V. BUTLER	COLUMBA GAS TRANSMISSION	24.00	5.00	$1/A			
						COUNTY TOTAL	17,367.50					

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R G N	ST	DI BOOK	DEED NO	PAGE DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DECAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	2	219	214	12/79	A.L. SCHWINABART	UPLAND RESOURCES	103.00	10.00	$1/A			$1/A
5	1	219	91	12/79	C. FLANAGAN	UPLAND RESOURCES	100.00	10.00	$1/A			$1/A
5	1	218	345	11/79	D.L. KISER	UPLAND RESOURCES	115.39	10.00	$1/A			
5	6	221	493	9/79	E.E. ROTRUCK	D & H OIL COMPANY	54.00	5.00	$1/A-Y1$2/A BONUS			
5	4	215	738	6/79	E.P. KIMBLE	UPLAND RESOURCES	102.00	10.00	$1/A			
5	2	219	226	12/79	G.B. BROWN	UPLAND RESOURCES	47.00	5.00	$1/A			$1/A
5	1	215	859	7/79	G.B. WISE	UPLAND RESOURES	535.00	10.00	$1/A			
5	10	218	365	11/79	G.L. CANNON	UPLAND RESOURCES	142.00	10.00	$1/A			$1/A
5	4	217	265	10/79	G.P. LYONS	UPLAND RESOURCES	253.67	10.00	$1/A			
5	1	216	758	8/79	G.R. MOON	UPLAND RESOURCES	37.00	10.00	$1/A			
5	6	217	496	10/79	J.W. COOK	UPLAND RESOURCES	404.00	10.00	$1/A			$1/A
5	6	214	879	2/79	J.W. MARTIN	COLUMBIA GAS TRANSMISSION	30.50	10.00	$1/A	1/8		$300/W
5	6	216	463	6/79	K.L. REED	COLUMBIA GAS	187.00	10.00	$1/A	1/8		$300/W
5	1	221	473	9/79	L. CARR, JR.	D & H OIL COMPANY	340.00	5.00	$1/A-Y1,$2/A BONUS			
5	1	214	208	2/79	N.T. LEATHERMAN	UPLAND RESOURCES	48.00	10.00	$1/A	1/8	$1/A	
5	4	219	135	12/79	O.R. WAGONER	UPLAND RESOURCES	39.00	10.00	$1/A	1/8		$1/A
5	10	217	450	10/79	P. KNOTT	UPLAND RESOURCES	101.60	10.00	$1/A			$1/A
5	4	218	273	11/79	P.D. MORELAND	UPLAND RESOURCES	310.00	10.00	$1/A			$1/A
5	4	223	542	3/79	T.L. OGLEBAY	UPLAND RESOURCES	228.00	10.00	$1/A			
5	4	219	319	12/79	W.D. KENNEY	UPLAND RESOURCES	42.00	10.00	$1/A			$1/A
5	4	221	91	4/80	A.J. SAGER	UPLAND RESOURCES	76.00	10.00	$1/A			$1/A
5	6	220	761	3/80	C. PAUGH,JR.	COLUMBIA GAS	5.00	10.00	$1/A			$300/W
5	4	223	180	1/80	C.E. COLLIER	C.E. BECK	135.50	10.00	$1/A	1/8	$1/A	$1/A
5	6	220	1	2/80	C.I. COMPTON	UPLAND RESOURCES	24.00	10.00	$1/A			
5	4	220	13	1/80	C.M. CESSNA	UPLAND RESOURCES	265.00	10.00				$1/A
5	10	222	814	5/80	D. HATLEY	EXXON CORP	28.00	10.00	$1/A	1/8	$1/A	
5	6	222	810	7/80	E.F. ROLEFF	CHAMPLIN PETROLEUM CO.	21.66	10.00	$1/A	1/8	$1/A	
5	6	220	721	2/80	F.K. SMITH	COLUMBIA GAS	58.00	10.00	$1/A			$300/W
5	4	221	310	4/80	G.L. BARNES SR.	COLUMBIA GAS	9.75	10.00	$1/A	1/8		$300/W
5	1	221	95	4/80	H. CARR	UPLAND RESOURCES	129.00	10.00	$1/A			$1/A
5	6	221	322	5/80	H. PARRISH	COLUMBIA GAS	45.72	10.00	$1/A	1/8		$300/W
5	6	222	110	4/80	L. BAGGETT	COLUMBIA GAS	85.00	5.00	$1/A	1/8		$300/W
5	6	219	379	2/80	L.R. FEASTER	UPLAND RESOURCES	28.00	10.00	$1/A	1/8	$1/A	$1/A
5	10	220	9	2/80	M. DOLLI	UPLAND RESOURCES	22.00	10.00	$1/A			$1/A
5	6	232	349	12/80	R. DELSIGNORE	UPLAND RESOURCES	359.00	4.00	$1/A			
5	1	221	318	4/80	R. UNISTOT	COLUMBIA GAS	72.36	10.00	$1/A	1/8		$300/W
5	1	219	315	1/80	W.C. HOLBROOK	UPLAND RESOURCES	18.00	10.00	$1/A			$1/A
5	2	221	346	4/80	WINNER BROTHERS COAL COMPANY	COLUMBIA GAS	245.00	10.00	$1/A	1/8		$300/W
5	.	226	821	6/81	CUMBERLAND PEAL ESTATE CORP.	UPLAND RESOURCES	1,964.00	5.00	$1/A			
5	6	224	815	4/81	E.N. FAULK, SR.	UPLAND RESOURCES	93.00	10.00	$1/A			$1/A
5	.	225	392	5/81	H. POWIALL	UPLAND RESOURCES	80.00	10.00	$1/A			
5	6	226	17	5/81	J. DOLL	COLUMBIA GAS	6.29	5.00	$1/A	1/8		$300/W
5	1	228	1	11/81	J. WHITE	UPLAND RESOURCES	.20	10.00	$5/A			
5	6	226	5	5/81	MASTELLAR COAL COMPANY	COLUMBIA GAS	3,986.00	10.00	$1/A	1/8		$300/W
5	4	226	264	3/81	O.M KILE	C.E. BECK	120.00	10.00	$1/A	1/8	$1/A	$1/A
5	4	226	261	3/81	O.M. KILE	C.E. BECK	120.00	.00		1/8		
5	6	226	255	8/81	R. ARONHALT	C.E. BECK	46.00	.00		1/8		
5	1	221	318	5/81	R.H. UNISTOT	COLUMBIA GAS TRANSMISSION CORP	72.36	10.00	$1/A	1/8		$300/W
5	6	226	9	5/81	T.J. EVANS, JR.	COLUMBIA GAS	109.00	7.00	$1/A	1/8		$300/W

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OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	4	228	6	11/81	TRUSTEES OF MINERAL BAPTIST CHURCH	UPLAND RESOUCES	1.50	10.00	$1/A			
5	4	230	595	11/82	E.R. WILSON, JR.	UPLAND RESOURCES	59.00	10.00	$1/A			
5	4	229	220	6/82	J. DOWDEN	UPLAND RESOURCES	96.00	10.00	$1/A			
5	6	229	351	3/82	L. KESSEL	COLUMBIA GAS	68.91	5.00	$1/A	1/8		$300/W
5	1	230	161	9/82	P. BENEDETTO	UPLAND RESOURCES	3.00	10.00	$1/A			
5	4	230	470	10/82	S.O. FLANAGAN	UPLAND RESOURCES	93.28	10.00	$1/A			
5	6	228	411	1/82	W. CATHER	COLUMBIA GAS	391.00	5.00	$1/A	1/8		$300/W
5	1	228	884	3/82	W. UNSTOT	UPLAND RESOURCES	4.00	10.00	$1/A			$1/A
5	1	231	192	1/83	P. CALDWELL	UPLAND RESOURCES	51.00	10.00	$1/A			
5	4	231	197	1/83	PAUL A. & LINDA R. MILTENBERGER	UPLAND RESOURCES	58.00	10.00	$1/A			
					*** C O U N T Y T O T A L ***		12,265.89					

OIL AND GAS SALES AND LEASE REPORT

R G N	DI	ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3		5	60	53	7/79	A. ANDERSON	COLUMBIA GAS	303.00	5.00	$1/A	1/8	$1/A	$300/W
3		.	60	92	8/79	COTIGA DEVELOPMENT	JOSEPH HAGER	8,941.55	5.00	$1/A	1/8	$10/W	
3		.	61	59	12/79	M. BAISDEN	COLUMBIA GAS	76.50	2.00	$1/A	1/8	$1/A	$300/W
3		10	59	600	7/79	POCAHONTAS LAND	SPARTON GAS CO.	1,929.95	5.00	$1.25/A	1/8		
3		5	60	313	8/79	S. FEAMSTER	COLUMBIA GAS	303.00	2.00	$1/A	1/8	$1/A	$300/W
3		9	61	263	2/00	C. FRANCIS	M.K. STURM	20.00	1.00	$1/A	1/8		
3		.	62	40	6/80	E. SLATER	B.G. CAVES	378.00	10.00	$1/A	1/8	$1/A	$1/A
3		9	61	258	2/00	W.PEAK	M.K. STURM	32.00	1.00	$1/A	1/8		
3		10	64	552	10/01	D. FRANCIS	BADGER OIL & GAS	5,764.87	5.00	$3/A	1/8		
3		5	64	453	8/81	M. BLAIR	MORGAN JONES	76.00	5.00	$3.79/A-Y1$2.84/A-Y2	1/8		
3		9	64	391	7/81	T. BUCHANAN	CABOT OIL & GAS	275.00	5.00	$2/A	1/8	$2/A	$2/A
3		9	64	389	7/81	T. BUCHANAN	CABOT OIL & GAS	160.00	5.00	$2/A	1/8	$2/A	$2/A
3		5	65	676	4/82	A. MAY	NEW FRONTIER EXPLORATION	40.00	5.00	$5/A	1/8	$5/A	
3		3	65	618	4/82	C. CANTERBURY	NEW FRONTIER EXPLORATION	45.00	5.00	$5/A	1/8	$5/A	
3		.	65	624	4/82	C. MCCOY	NEW FRONTIER EXPLORATION	275.00	5.00	$5/A	1/8	$5/A	
3		5	65	667	4/82	C. PREECE	NEW FRONTIER EXPLORATION	54.00	5.00	$5/A	1/8	$5/A	
3		6	65	615	4/82	D. BROWNING	NEW FRONTIER EXPLORATION	25.00	5.00	$5/A	1/8	$5/A	
3		3	65	664	4/82	D. SHEPPARD	NEW FRONTIER EXPLORATION	42.00	5.00	$5/A	1/8	$5/A	
3		.	65	685	4/82	F. BLAIR	NEW FRONTIER EXPLORATION	35.00	5.00	$5/A	1/8	$5/A	
3		4	65	688	4/82	F. BLAIR	NEW FRONTIER EXPLORATION	115.00	5.00	$5/A	1/8	$5/A	
3		3	65	661	4/82	J. SHEPPARD	NEW FRONTIER EXPLORATION	83.00	5.00	$5/A	1/8	$5/A	
3		3	65	679	4/82	K. HALL	NEW FRONTIER EXPLORATION	33.00	5.00	$5/A	1/8	$5/A	
3		3	65	670	4/82	L. HAYNARD	NEW FRONTIER EXPLORATION	57.00	5.00	$5/A	1/8	$5/A	
3		.	66	259	9/82	L. SIGNAIGO	PEAKE OPERATING CO.	1,040.00	3.50	$5/A	1/8	$1500/W	
3		5	65	682	4/82	M. BLAIR	NEW FRONTIER EXPLORATION	76.00	5.00	$5/A	1/8	$5/A	
3		4	65	621	4/82	M. DALTON	NEW FRONTIER EXPLORATION	133.00	5.00	$5/A	1/8	$5/A	
3		6	65	656	4/82	M. WHITE ESTATE	NEW FRONTIER EXPLORATION	615.00	3.00	$9/A	1/8	$3/A	
3		5	65	673	4/82	W. MAY	NEW FORNTIER EXPLORATION	12.00	5.00	$5/A	1/8	$5/A	
3		7	68	78	9/83	MINGO OIL AND GAS	JOSEPH HAGER	1,106.20	4.00	$5/A	1/8		
3	0	0069	198	3/84	BRIAN M. & COAL & COKE		TXO PRODUCTION	4,347.58	3.00	$3/A	1/8	$1/A	
3	0	0069	222	4/84	WM. & JOYCE PEAK		TXO PRODUCTION	49.64	1.00		1/8	$1/A	$2/A
3	0	0070	343	2/85	BARNEY ELLIOTT ETAL		SENECA UPSHUR PETROLEUM	204.00	5.00	$4/A	1/8	$4/A	
3	0	0070	312	1/85	J.I. & NELL VARNEY ET.		SENECA UPSHER PETROLEUM	275.00	3.00	$4/A	1/8	$4/A	
3	0	0070	507	4/85	MARIE HARDY		SENECA UPSHUR PETROLEUM	25.00	5.00	$4/A	1/8	$4/A	
3	0	0070	551	4/85	WM & ERMA FRAZIER		SENECA UPSHUR PETROLEUM	108.00	5.00	$4/A	1/8	$4/A	
							*** COUNTY TOTAL ***	26,995.29					

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	5	836	330	11/79	CHANCER HALL ETAL	ALLEGHANY LAND & MINERAL	22.00	1.00	$2/AC	1/8		
4	5	818	198	1/79	E. RICHARDS	EASTERN MOUNTAIN FUEL	82.37	5.00	$5/A	1/8		
4	5	816	611	1/79	H.B. & D.S. HOLT	CONSOLIDATED GAS SUPPLY CORP	55.00	5.00	$1/AC	1/8		
4	8	844	17	8/79	I. VINCENT	D & H OIL	65.00	5.00	$1/A,$2/A-BONUS			
4	5	816	615	2/79	J.N. & M.L. SODS	CONSOLIDATED GAS SUPPLY CORP	33.00	5.00	$1/AC	1/8		
4	7	816	162	1/79	M. MARTIN	EASTERN MOUNTAIN FUEL	28.00	10.00	$1/A	1/8		
4	7	820	86	1/79	T. SWORCHECK	EASTERN MOUNTAIN FUEL	41.10	10.00	$1/A	1/8		
4	1	840	856	2/80	D. TENNANT	D & H OIL CO.	72.00	10.00	$5/A			
4	4	840	188	6/80	D.K & LORETTA MOORE	ADOBE OIL & GAS CORP	36.00	5.00	$3/AC	1/8		
4	4	840	184	6/80	D.K & LORETTA MOORE	ADOBE OIL & GAS CORP	129.00	5.00	$3/AC	1/8		
4	7	848	494	12/80	E. KERNS	BOJACQUE	46.24	10.00	$1/A	1/8		
4	18	848	227	10/80	E.L HESTER	CONSOLIDATED NATURAL GAS	175.00	10.00	$1/A	1/8		
4	7	847	335	9/80	F.E. FISHER	ADOBE OIL & GAS	90.00	5.00	$3/A	1/8		
4	1	848	492	8/80	H. CLOVIS	BARRON KIDD	131.00	10.00	$1/A			
4	0	0924	595	5/80	HAZELTINE S. HILLS	ADOBE OIL AND GAS CORP.	47.00	5.00	$3/A	1/8		
4	7	841	549	6/80	I.R. & A.L. BARKER	ADOBE OIL & GAS CORP	164.00	5.00	$3/AC	1/8		
4	1	849	35	10/80	M.A MCKENY	ADOBE OIL & GAS	166.00	5.00	$3/A	1/8		
4	4	846	432	9/80	MRS. J.S. FREEMAN ETAL	ADOBE OIL & GAS CORP	64.00	5.00	$3/AC	1/8		
4	4	844	180	7/80	R. ROY	CARNEGIE NATURAL GAS	116.00	5.00	$3/A			
4	7	847	368	9/80	R.C. ARNETT	ADOBE OIL & GAS	159.00	5.00	$3/A	1/8		
4	4	840	208	6/80	R.L. SHUMAN ETAL	ADOBE OIL & GAS CORP	103.00	5.00	$3/AC	1/8		
4	1	840	543	3/80	S. WHITE	D & H OIL	89.00	5.00	$5/A			
4	1	839	694	2/80	V. LEMASTERS	CARNEGIE NATURAL GAS	295.00	10.00	$1/A	1/8		
4	1	840	486	3/80	W. CROSS	D & H OIL	73.00	3.00	$5/A			
4	3	837	588	3/80	W. FABER	CARNEGIE NATURAL GAS	31.00	5.00	$1/A	1/8		
4	.	847	463	3/81	B. MCDONALD	CARNEGIE NATURAL GAS	25.00	10.00	$2/A	1/8		
4	1	851	325	4/81	E. HORTON	M. JONES	90.00	5.00	$4/A-Y1,$3/A			
4	.	871	307	5/81	G. ELSWICK	ALLEGHANY LAND & MINERAL	1,201.84	2.00	$2/A			
4	1	854	406	6/81	H. BELL	M. JONES	84.00	3.00	$4/A-Y1,$3/A			
4	3	858	108	8/81	H. BELL	M. JONES	57.00	3.00	$4/A-Y1,$3/A			
4	1	856	177	8/81	J. KING	M. JONES	105.00	5.00	$4/A-Y1,$3/A			
4	4	850	320	1/81	J. MORRIS	M. JONES	23.00	5.00	$3/A,$1/A-BONUS			
4	8	847	465	1/81	L. MCMILLEN	CARNEGIE NATURAL GAS	30.00	10.00	$2/A	1/8		
4	5	851	308	3/81	M. DALTON	EASTERN MOUNTAIN FUEL	134.00	5.00	$1/A	1/8		
4	5	854	209	4/81	O.L. KIRK	CARNEGIE NATURAL GAS	1,400.00	1.00	$2/A	1/8		
4	1	851	321	3/81	P. WHITE	M. JONES	96.00	5.00	$4/A-Y1,$3/A			
4	4	853	332	5/81	S. MCCLURE	M. JONES	42.00	5.00	$4/A-Y1,$3/A			
4	7	861	7	12/81	S. MOORE	BOJACQUE	52.23	10.00		1/8		
4	7	871	131	9/82	A. BOSSI	BORG-WARNER	40.02	3.00	$3/A	1/8		
4	7	871	131	9/82	A. BOSSI	BORG-WARNER	40.02	3.00	$3/A	1/8		
4	1	873	137	7/82	A. IONA	JAG ENERGY	126.00	5.00	$10/A			
4	7	871	400	9/82	A. RAFUS	BORG-WARNER	19.50	5.00	$3/A	1/8		
4	1	867	211	5/82	ALLEGHANY LAND & MINERAL	PETROLEUM DEVELOPMENT	69.00	3.00	$5/A			
4	7	864	627	4/82	C. UPHOLD	BOJACQUE	21.95	10.00	$1/A	1/8		
4	1	873	141	4/82	D. GREEN	JAG ENERGY	139.00	5.00	$5/A			
4	7	866	571	5/82	F.E. FISHER	BOJACQUE,INC	26.00	5.00	$1/A	1/8		
4	1	873	474	10/82	G. EVANS	KEPCO	118.00	2.00	$5/A	1/8		
4	0	0877	311	11/82	GUY E. AND JANIS D. TAYLOR, ET AL	PHILIP D. SHUMAN	72.00	5.00	$5/A	1/8	$5/A	
4	1	873	265	11/82	H. HAUGHT	SHUMAN	49.00	3.00	$5/A			

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 31-MONONGALIA

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	5	866	579	6/82	H.V. ROGERS	BOJACQUE,INC	117.21	5.00	$1/A	1/8		
4	7	873	44	5/82	J. TUCKER	CNG PRODUCING	173.00	5.00	$2/A			
4	7	866	581	6/82	K.D. SHAFER	BOJACQUE, INC	56.42	5.00		1/8		
4	5	866	583	6/82	L.J. MOORE	BOJACQUE, INC	26.46	5.00	$1/A	1/8		
4	0	0877	347	11/82	MARGARET ATHA	PHILIP B. SHUMAN	12.00	5.00	$5/A	1/8	$5/A	
4	0	0877	319	11/82	MARGARET ATHA	PHILIP B. SHUMAN	24.00	5.00		1/8		
4	7	867	507	4/82	PRINCESS COALS	BORG-WARNER	816.46	3.00	$8/A			
4	5	863	355	3/82	R. MALONE	BOJACQUE	117.21	5.00	$1/A	1/8		
4	5	866	577	6/82	T.A. RAYMOND	BOJACQUE, INC	51.68	5.00	$1/A	1/8		
4	3	874	461	9/82	W.F. SIMMONS	KEPCO,INC	119.00	3.00	$4/A	1/8		
4	0	0891	344	4/83	CHARLES E. STALNAKER, ET AL	CONSOLIDATED GAS SUPPLY CORPORATION	.00	.00				
4	0	0881	219	5/83	GEORGE STOREY	CNG DEVELOPMENT CO.	32.75	10.00		1/8		
4	0	0876	592	3/83	GEORGE W. AND DORIS G. EVANS	CHISLER BROTHERS	162.00	5.00	$1/A	1/8	$1/A	
4	0	0881	223	5/83	LEONA E. BOLLINGER	CNG DEVELOPMENT CO.	112.00	3.00		1/8		
4	0	0881	227	5/83	LEONA E. BOLLINGER	CNG DEVELOPMENT CO.	68.00	3.00		1/8		
4	0	0881	215	6/83	LEONA E. BOLLINGER	CNG DEVELOPMENT CO.	36.00	3.00		1/8		
4	0	0912	526	7/84	CAROLINE TINTLE	FOX OIL AND GAS, INC.	95.00	5.00	$5/A	1/8	$2/A	
4	0	0883	47	1/84	EMILY P. BAKER	FOX OIL AND GAS, INC.	20.00	5.00	$5/A	1/8		
4	0	0920	404	12/84	FRANK A. KOVACH, ET AL	KEPCO, INC.	118.00	2.00	$5/A	1/8	$5/A	
4	0	0919	213	11/84	GEORGE AND DORIS EVANS	KEPCO, INC.	118.00	2.00	$5/A	1/8	$5/A	
4	0	0912	532	7/84	JAMES AND MARGARET HUNTER	FOX OIL AND GAS, INC.	95.00	5.00	$5/A	1/8	$2/A	
4	0	0901	500	3/84	RAYMOND B. HERSHMAN	CNG DEVELOPMENT	70.00	5.00		1/8		
4	0	0924	540	4/85	CLAIDA AND ROY GOWER	HYDROCARBON ENERGIES INC.	60.00	3.00	$5/A	1/8		
4	0	0927	131	4/85	ELMER AND SHIRLEY SIMPSON, ET AL	TRIO PETROLEUM CORP.	42.00	3.00	$4/A	1/8		
4	0	0927	129	4/85	ELMER AND SHIRLEY SIMPSON, ET AL	TRIO PETROLEUM CORP.	89.75	3.00	$4/A	1/8		
4	0	0924	533	4/85	MARVIN AND SUE TENNANT	HYDROCARBON ENERGIES INC.	38.00	3.00	$5/A	1/8	$7/A	
4	0	0924	613	1/85	ROBERT M. AND HELEN A. MICHAEL	ROYAL RESOURCES CORP.	62.00	3.00	$1/A	1/8		$2/A
					*** C O U N T Y T O T A L ***		9,105.21					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 32-MONROE

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OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6	4	14	101	8/79	A. HUMPHREYS	AMERICAN PUBLIC ENERGY	5.00	10.00		1/8	$1/A	$2/A
6	3	13	441	4/79	B.L LONG	PENNZOIL CORP	195.25	10.00	$1/A			
6	5	13	600	5/79	F. PARKER	PENNZOIL CO.	103.50	10.00	$1/A			
6	5	13	600	5/79	F.L PARKER	PENNZOIL CORP	103.50	10.00	$1/A			
6	4	14	97	8/79	J. VANDYKE	AMERICAN PUBLIC ENERGY	5.00	10.00		1/8	$1/A	$2/A
6	4	14	93	8/79	M. HINKLE	AMERICAN PUBLIC ENERGY	169.00	10.00	$1/A	1/8	$50/M	$2/A
6	4	14	91	8/79	R. DESKINS	AMERICAN PUBLIC ENERGY	20.00	10.00	$1/A	1/8	$50/M	$2/A
6	4	14	95	8/79	R. ELLIS	AMERICAN PUBLIC ENERGY	263.00	10.00	$1/A	1/8	$50/M	$2/A
6	5	13	211	1/79	V.G FRAZIER	PENNZOIL CORP	82.00	10.00	$1/A			
6	6	15	205	7/80	A. LUSK	C.E. BECK	700.00	10.00	$1/A	1/8	$1/A	$1/A
6	3	15	39	6/80	C. DONNETT	D & H OIL	65.00	10.00	$1/A,$27A-BONUS,YI	1/8		
6	3	15	799	5/80	C,S. THORNTON	SOUTHERN ENERGY CORP	127.00	10.00	$1/A			
6	3	15	43	6/80	D. LONG	D & H OIL	42.00	10.00	$1/A,$2/A-BONUS,YI	1/8		
6	3	15	41	6/80	D. LONG	D & H OIL	40.00	10.00	$1/A,$27A-BONUS,YI	1/8		
6	3	16	3	4/80	E.F. FEDEROFF	SOUTHERN ENERGY CORP	46.00	10.00	$1/A			
6	3	15	775	5/80	G.R JACKSON	SOUTHERN ENERGY CORP	70.00	10.00	$1/A			
6	3	15	225	7/80	H. THOMAS	C.E. BECK	105.50	10.00	$1/A	1/8	$1/A	$1/A
6	3	15	219	7/80	J. BRADLEY	C.E. BECK	187.50	10.00	$1/A	1/8	$1/A	
6	5	16	35	7/80	J.A. COPELAND	SOUTHERN ENERGY CORP	172.00	10.00	$1/A			
6	6	15	211	7/80	L. KLINE	C.E. BECK	111.00	10.00	$1/A	1/8	$1/A	$1/A
6	3	16	106	4/80	M.C. MEADOWS	SOUTHERN ENERGY CORP	20.00	10.00	$1/A			
6	3	15	45	6/80	R. DAUGHERTY	D & H OIL	105.00	10.00	$1/A,$2/A-BONUS,YI	1/8		
6	.	15	221	7/80	R. WILLIAMS	C.E. BECK	102.00	10.00	$1/A	1/8	$1/A	$1/A
6	6	15	209	7/80	W. JONES	C.E. BECK	107.00	10.00	$1/A	1/8	$1/A	$1/A
6	3	15	223	7/80	W. MCMILLION	C.E. BECK	80.00	10.00	$1/A	1/8	$1/A	
6	3	16	128	4/80	W.E. DILLON	SOUTHERN ENERGY CORP	52.00	10.00	$1/A			
6	6	15	722	4/81	B. GARRETT	STERLING DRILLING	143.00	10.00	$1/A	1/8	$1/A	
6	6	15	726	4/81	C. FOHLER	STERLING DRILLING	50.00	10.00	$1/A	1/8	$1/A	
6	7	16	178	4/81	D. SOUTH	SOUTHERN ENERGY	401.00	10.00	$1/A	1/8	$1/A	$2/A
6	3	16	234	4/81	E. MARTIN	D & H OIL CO	102.00	10.00	$1/A, $2/A BONUS	1/8		
6	6	16	254	6/81	E. SCHLABACH	STERLING DRILLING	66.06	10.00	$1/A	1/8	$1/A	
6	6	16	284	8/81	E. WITHALL	STERLING DRILLING	101.00	10.00	$1/A	1/8	$1/A	
6	5	16	275	8/81	F. DAVIS	CABOT OIL AND GAS	238.00	3.00	$2/A	1/8	$2/A	
6	4	16	256	7/81	F. JENNINGS	STERLING DRILLING	70.00	10.00	$1/A	1/8	$1/A	
6	.	16	225	5/81	F. TALBOTT	ARCO	333.00	5.00	$1/A	1/8	$1/A	
6	.	16	193	4/81	G. BODGES	ARCO	314.44	5.00	$1/A	1/8	$1/A	
6	4	16	269	8/81	G. PATTERSON	STERLING DRILLING	25.75	10.00	$1/A	1/8	$1/A	
6	7	16	166	4/81	G. SOUTH	SOUTHERN ENERGY	350.00	10.00	$1/A	1/8	$1/A	$2/A
6	6	16	318	4/81	G.M. CRUISE	BRADLEY BOURLAND	40.31	10.00	$1/A			
6	9	16	296	7/81	J. BAKER	S & S, INC	2,250.00	5.00	$6/A	1/8		
6	6	16	271	8/81	J. KARNES	STERLING DRILLING	41.48	10.00	$1/A	1/8	$1/A	
6	4	15	730	4/81	K. CLINE	STERLING DRILLING	37.50	10.00	$1/A	1/8	$1/A	
6	3	16	140	4/81	L. RIFFE	SOUTHERN ENERGY	49.00	10.00	$1/A	1/8	$1/A	$2/A
6	3	16	134	4/81	L. RIFFE	SOUTHERN ENERGY	105.00	10.00	$1/A	1/8	$1/A	$2/A
6	6	16	286	9/81	M. BLAND	APCO	116.00	10.00	$1/A	1/8	$1/A	
6	6	15	728	4/81	M. CAMPBELL	STERLING DRILLING	93.00	10.00	$1/A	1/8	$1/A	
6	4	16	202	2/81	M.N EMBREE	STERLING DRILLING	73.40	10.00	$1/A			
6	7	16	222	5/81	O. WRIGHT	APCO	88.00	5.00	$1/A	1/8	$1/A	
6	4	16	230	4/81	P. NESTER	RICHARD GADDY	295.19	10.00	$1/A	1/8	$1/A	

OIL AND GAS SALES AND LEASE REPORT

R G DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6 . 16		198	4/81	R. BRADSHAW	ARCO	974.54	5.00	$1/A	1/8	$1/A	
6 5 16		170	4/81	V. LIVELY	SOUTHERN ENERGY	100.00	10.00	$1/A	1/8	$1/A	$2/A
6 7 16		162	4/81	W. ELLISON	SOUTHERN ENERGY	330.00	10.00	$1/A	1/8	$1/A	$2/A
6 6 16		281	7/81	W. ZELLA	STERLING DRILLING	39.00	10.00	$1/A	1/8	$1/A	
6 5 16		388	11/82	A. HUMPHREYS	PENNZOIL	55.00	5.00	$1/A	1/8	$1/A	
6 7 16		324	1/82	B. CARVER	BRADLEY BOURLAND	57.00	10.00	$1/A	1/8	$1/A	
6 6 16		329	3/82	D. SOEKEN	C.E. BECK	72.57	10.00	$1/A-Y1,$25/A-Y6	1/8	$1/A	$1/A
6 5 16		359	5/82	F.L. TAYLOR	PENNZOIL CORP	48.65	5.00	$1/A			
6 5 16		375	9/82	H. DICKSON	PENNZOIL	49.00	5.00	$1/A	1/8	$1/A	
6 5 16		379	10/82	H. HILTON	PENNZOIL	160.50	5.00	$1/A	1/8	$1/A	
6 5 16		367	9/82	H. LANE	PENNZOIL CORP	146.00	5.00	$1/A	1/8	$1/A	
6 5 16		392	11/82	H. RIFFE	PENNZOIL	47.00	5.00	$1/A	1/8	$1/A	
6 3 16		402	12/82	H. STAFFORD	ARCO	87.00	10.00	$1/A	1/8	$1/A	
6 5 16		363	6/82	J. JOHNSON	PENNZOIL CORP	90.00	5.00	$1/A			
6 5 16		355	9/82	J. MADDELL	PENNZOIL	278.00	5.00	$1/A	1/8	$1/A	
6 7 16		326	1/82	M. OSBORNE	BRADLEY BOURLAND	76.00	10.00	$1/A	1/8	$1/A	
6 5 16		409	12/82	N. HARVEY	PENNZOIL	124.00	10.00	$1/A	1/8	$1/A	
6 5 16		371	9/82	R. BROYLES	PENNZOIL CORP	75.00	5.00	$1/A	1/8	$1/A	
6 7 16		396	11/82	R. FROST	PENNZOIL CORP	97.50	5.00	$1/A	1/8	$1/A	
6 5 16		405	12/82	R. HALL	PENNZOIL	40.00	10.00	$1/A	1/8	$1/A	
6 5 16		413	12/82	R. SANDELL	PENNZOIL	80.00	5.00	$1/A	1/8	$1/A	
6 5 16		351	6/82	T.K JOHNSON	PENNZOIL CORP	135.75	5.00	$1/A			
6 4 16		320	1/82	V. BOGGS	BRADLEY BOURLAND	45.00	10.00	$1/A	1/8	$1/A	
6 3 16		346	7/82	W.M. COPLEY	GILMER P. COOK	268.05	10.00	$1/A			
6 5 16		458	5/83	B. FEARON	PENNZOIL	81.00	10.00	$1/A	1/8	$1/A	
6 3 16		481	8/83	E. COCKERHAM	CABOT OIL AND GAS	160.00	5.00	$2/A	1/8	$2/A	$2/A
6 3 16		506	9/83	E. LAMBERT	CABOT OIL AND GAS	180.00	5.00	$2/A	1/8	$2/A	$2/A
6 3 16		497	9/83	E. NUTTER	CABOT OIL AND GAS	250.00	2.00	$2/A	1/8	$2/A	$2/A
6 3 16		487	8/83	F. BONIFACIO	CABOT OIL AND GAS	47.00	5.00	$2/A	1/8	$2/A	$2/A
6 5 16		449	3/83	F. STILLRICH	PENNZOIL CORP	113.00	10.00	$1/A	1/8	$1/A	
6 5 16		422	1/83	G. DEPALMA	PENNZOIL CORP	131.00	10.00	$1/A	1/8	$1/A	
6 3 16		519	12/83	I. MARCUM	PENNZOIL	75.00	10.00	$1/A	1/8	$1/A	
6 3 16		475	8/83	J. BUCKLAND	CABOT OIL AND GAS	30.62	5.00	$2/A	1/8	$2/A	$2/A
6 3 16		527	12/83	L. NEMHOUSE	PENNZOIL	102.00	10.00	$1/A	1/8	$1/A	
6 5 16		515	12/83	M. VIA	PENNZOIL	66.00	10.00	$1/A	1/8	$1/A	
6 5 16		523	12/83	P. LIGHT	PENNZOIL	76.00	10.00	$1/A	1/8	$1/A	
6 3 16		473	8/83	T. WALKUP	CABOT OIL & GAS	21.00	5.00	$2/A	1/8	$2/A	$2/A
6 5 16		426	1/83	T. WEIKLE	PENNZOIL	53.00	10.00	$1/A	1/8	$1/A	
				*** C O U N T Y T O T A L ***		13,350.56					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 34-NICHOLAS

REPORT NO. TXOILP1 PAGE 62
CURRENT DATE: 04/23/86

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	BOOK	DEED NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	2	49	188	4/79	B. NEIL	AED	22.50	1.00	$2/A	1/8	$50/W	$2/A
3	3	49	521	10/79	B. O'KEEFE	CONSOLIDATED GAS	2,456.00	.00	$1/A	1/8		
3	4	50	64	12/79	E. CAMPBELL	TIPCO	216.00	10.00	$1/A	1/8	$1/A	
3	4	50	68	11/79	E. CAMPBELL	TIPCO	216.00	10.00	$1/A	1/8	$1/A	
3	7	49	708	11/79	E. RADER	AED	125.00	3.00	$1/A	1/8	$50/W	$2/A
3	3	50	517	10/79	H. PERRINE	D & H OIL	61.00	10.00	$1/A,$2/A-BONUS	1/8		
3	2	49	732	12/79	J. CROUCH	TALLWOOD CORP	93.00	1.00	$1/A	1/8	$1/A	$1/A
3	3	49	115	2/79	J. ORLANDI	AED	300.00	2.00	$2/A	1/8	$50/W	
3	3	49	410	6/79	L. HUGHES	CONSOLIDATED GAS	188.50	10.00		1/8		
3	4	49	426	7/79	L. SUMMERS	CITIES SERVICE CO	20.00	5.00		1/8	$1/A	
3	4	49	430	7/79	L. SUMMERS	CITIES SERVICE CO	25.50	5.00		1/8	$1/A	
3	9	49	738	12/79	M. YOUNG	AED	157.92	5.00	$2/A	1/8	$2/A	$2/A
3	2	49	458	8/79	P. CONLEY	AED	3.14	5.00	$1/A	1/8	$1/A	$2/A
3	2	49	682	10/79	P. HUGHES	AED	13.00	1.00	$1/A	1/8	$1/A	$2/A
3	2	49	743	12/79	T. DORSEY	TALLWOOD CORPORATION	42.00	2.00	$1/A	1/8	$1/A	$1/A
3	2	49	404	6/79	T. KOON	AED	155.00	2.00	$1/A	1/8	$50/W	
3	2	49	450	8/79	W. COOL	AED	1.87	5.00	$1/A	1/8	$1/A	$2/A
3	7	51	848	10/80	A. BAILES	STERLING DRILLING	36.00	2.00	$2/A	1/8		
3	4	50	768	6/80	A. BELL	CITIES SERVICE	54.00	5.00	$1/A	1/8	$1/A	
3	4	51	533	9/80	A. BELL	CITIES SERVICE	52.00	10.00	$1/A	1/8	$1/A	
3	7	50	711	7/80	A. BROWN	CONSOLIDATED GAS	21.00	5.00	$1/A	1/8		$300/W
3	2	50	219	2/80	A. GRAY	DIAMOND DRILLING	23.00	3.00	$2/A	1/8	$50/W	$10/A
3	1	51	529	9/80	A. MEARNS	A.E.D.	33.92	5.00	$2/A	1/8	$2/A	$2/A
3	2	51	263	8/80	B. NEIL	AED	16.00	4.00	$2/A	1/8	$2/A	$2/A
3	3	51	689	8/80	C. FRAME	STERLING DRILLING	72.00	5.00		1/8		
3	3	51	182	8/80	D. MORRIS	STERLING DRILLING	144.50	3.00	$3/A	1/8		
3	5	52	57	12/80	G. MCDOWELL	CABOT OIL & GAS	352.43	5.00	$2/A	1/8	$2/A	
3	1	50	239	1/80	G. MURPHY	AED	130.00	10.00	$1/A	1/8	$1/A	$2/A
3	9	52	63	11/80	J. HUFFMAN	CABOT OIL & GAS	134.00	5.00	$2/A	1/8	$2/A	
3	9	51	714	8/80	J. MOLBHAN	STERLING DRILLING	66.00	5.00		1/8		
3	2	51	846	10/80	J. TULLY	TALLWOOD CORP.	239.00	2.00	$2/A	1/8	$50/W	
3	4	52	126	9/80	J. VAUGHN	CITIES SERVICE	31.00	10.00	$1/A	1/8	$1/A	
3	1	51	287	8/80	J. WHITE	CABOT OIL & GAS	8.12	5.00	$2/A	1/8	$2/A	$2/A
3	2	52	391	10/80	L. DORSEY	STERLING DRILLING	40.00	3.00	$3/A	1/8		
3	5	50	591	3/80	L. MCCLUNG	D & H OIL	160.00	5.00	$1/A,$2/A-BONUS	1/8		
3	2	52	130	10/80	L.DORSEY	STERLING DRILLING	40.00	3.00	$2/A	1/8		
3	4	50	221	3/80	M. BACKUS	WBC EXPLORATION	123.00	1.00	$1/A	1/8		$2/A
3	1	50	743	7/80	MULTI-LAND CORP.	MINERAL DRILLING	1,200.00	1.00	$1/A	1/8		
3	9	50	229	2/80	P. HUTTER	CONSOLIDATED GAS	75.00	5.00	$1/A	1/8		$300/W
3	3	51	93	8/80	R.J. WILLIAMS	TIPCO	167.00	10.00	$2/A	1/8	$2/A	
3	3	51	107	8/80	R.M. MOORE	CONSOLIDATED GAS	216.00	10.00				
3	2	51	194	10/80	S. TULLY	TALLWOOD CORP.	161.00	2.00	$2/A	1/8	$50/W	$2/A
3	1	52	317	1/81	A. ADDINGTON	CABOT OIL & GAS	81.00	5.00	$2/A	1/8	$2/A	
3	1	52	549	4/81	A. RODEBAUGH	PETROLEUM DEVELOPMENT	83.00	5.00	$1/A	1/8		
3	7	52	423	5/81	C. MCCLUNG	S & S, INC.	425.00	5.00	$3/A	1/8		
3	5	52	522	5/81	E. O'DELL	S & S, INC.	130.00	5.00	$3/A	1/8		
3	2	52	165	1/81	F. SAPP	CONSOLIDATED GAS	28.50	3.00				
3	3	53	64	7/81	G. HEROLD	PEAKE OPERATING	125.00	5.00	$5/A	1/8		
3	1	53	56	7/81	H. SCHOCK	CARDINAL CO.	100.00	5.00	$5/A	1/8	$5/A	

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	3	53	703	8/81	H. YESKEY	HERT DEVELOPMENT	163.70	5.00	$5/A	1/8	$50/W	$10/A
3	3	53	146	7/81	H.N SHELDON	CABOT OIL & GAS	425.00	10.00	$2/AC	1/8	$2/A	$2/A
3	3	52	639	4/81	J. BASQUEZ	CNG PRODUCING	13.00	5.00		1/8		
3	5	53	294	7/81	K. GROVES	PETROLEUM DEVELOPMENT	320.00	5.00	$2/A	1/8	$5/A	
3	9	53	134	8/81	L. BAILES	S & S, INC.	190.00	5.00	$4/A	1/8	$50/W	
3	4	52	705	6/81	L. DALPORTO	J. SCOTT	25.05	2.00	$3/A	1/8		
3	9	53	480	5/81	L. MCMILLION	S & S, INC	26.00	5.00	$3/AC	1/8	$50/W	
3	4	54	315	11/81	M. MALCOLM	SHELDON & SHELDON	400.00	3.00	$5/A	1/8	$5/A	
3	9	52	514	5/81	M. MCMILLION	S & S, INC.	19.00	5.00	$3/A	1/8		
3	1	52	176	2/81	M. WOODS	MM. HUNT	114.90	5.00	$5/A	1/8	$50/W	$5/A
3	3	52	169	2/81	O. CAVENDISH	TIPCO	100.00	1.00		1/8	$50/W	$2/A
3	7	54	174	12/81	P.C HOPES	CABOT OIL & GAS	349.97	5.00	$3.75/A	1/8	$5/A	
3	3	52	207	2/81	R. FACEMIRE	STERLING DRILLING	58.50	1.00	$2/A	1/8	$2/A	
3	7	53	767	1/81	R. RICHARDSON	B. MCCABE	49.70	5.00	$5/A	1/8	$5/A	
3	3	53	304	7/81	R.C. MORRIS	SHELDON & SHELDON	80.00	5.00	$4/A	1/8		
3	5	52	499	4/81	S. HINKLE	S & S, INC.	100.00	5.00	$3/A	1/8		
3	2	53	373	5/81	T. DRAKE	STERLING DRILLING	279.00	5.00	$4/A	1/8	$4/A	
3	10	24	558	9/82	B. TULLIS	C.E. BECK	332.80	10.00	$1/A,$2/A-Y6	1/8	$1/A	$1/A
3	4	54	44	3/82	C. KUNTZ	D.C. MALCOLM	120.00	1.00	$1/A	1/8	$50/W	$1/A
3	2	53	685	1/82	D. PREAST	J. SCOTT	70.00	1.00	$3/A	1/8		
3	3	54	142	3/82	E. HEROLD	J & J ENTERPRISES	31.00	3.00	$10/A Y1, $5/A	1/8	$50/W	
3	3	54	4	2/82	G. BUTCHER	J & J ENTERPRISES	99.00	5.00	$5/A	1/8	$50/W	
3	3	54	7	2/82	I. HOUCHIN	UNION DRILLING	101.50	5.00	$5/A	1/8	$5/A	
3	2	54	156	3/82	J. HARLOW	STERLING DRILLING	88.50	3.00	$5/A	1/8	$5/A	
3	9	53	786	1/82	J. MCCUTCHEON	J & J ENTERPRISES	441.02	5.00	$5/A	1/8		
3	3	54	468	6/82	J. RAPP	STERLING DRILLING	142.50	3.00	$5/A	1/8	$5/A	
3	3	54	25	2/82	J. WOODS	J. SCOTT	10.00	1.50		1/8		
3	4	54	522	7/82	K. NEAL	CONTINENTAL LANDS	83.05	1.00	$2.50/A	1/8		
3	1	54	150	2/82	L.K. INK	NEW FRONTIER EXPLORATION	165.00	3.00	$5/A	1/8	$5/A	
3	7	54	558	8/82	M. CRAIG	UNION DRILLING	127.67	5.00	$5/A	1/8		
3	1	54	751	8/82	M. O'DELL	CNG PRODUCING	244.75	3.00		1/8		
3	10	24	533	9/82	M. WADE	C.E. BECK	332.80	10.00	$1/A, $25/A,Y6	1/8	$1/A	$1/A
3	.	53	779	1/82	NICHOLAS HOLMES, INC.	J & J ENTERPRISES	167.65	5.00	$5/A	1/8		
3	9	54	85	3/82	O. CULPEPPER	J & J ENTERPRISES	36.40	3.00	$5/A	1/8		
3	2	54	631	8/82	P. FORD	STERLING DRILLING	59.75	3.00	$5/A	1/8	$5/A	
3	2	54	637	8/82	R. HARRAH	GENE STALNAKER	2.00	1.00		1/8		
3	5	54	289	5/82	R. SMITH	CNG PRODUCING	100.00	3.00	$2/A	1/8		$300/W
3	9	54	293	5/82	R. SMITH	CNG PRODUCING	666.67	3.00		1/8		
3	4	54	635	6/82	T. GROSE	MERIT ENEPGY	94.00	3.00	$10/A	1/8	$50/W	
3	2	54	838	9/82	T. KOON	CABOT OIL & GAS	200.00	5.00	$2/A	1/8	$2/A	
3	7	54	30	2/82	W. BAILES	J & J ENTERPRISES	290.00	4.00	$6/A	1/8	$50/W	
3	4	54	148	2/82	W.E. BELL	CABOT OIL & GAS	67.62	2.00	$2/A	1/8	$2/A	$2/A
3	0	0055	89	12/82	WILLIAM AND MARION FOCKLER	CABOT OIL AND GAS	115.50	3.00	$3/A	1/8	$3/A	$2/A
3	7	55	518	11/83	B. CHAPMAN	CNG DEVELOPMENT	148.00	10.00	$2/A			
3	3	55	103	3/83	B. HEYDT	STERLING DRILLING	392.10	2.00	$5/A	1/8	$5/A	
3	1	55	161	4/83	B.L. ESTEP	CABOT OIL & GAS	45.50	5.00	$2/A	1/8	$2/A	$2/A
3	0	0055	244	6/83	BROOKS CALLAGHAN	CABOT OIL AND GAS	212.00	5.00	$5/A	1/8	$5/A	$2/A
3	4	55	159	4/83	C. KUNTZ	D.C. MALCOLM	120.00	1.00	$1/A	1/8	$50/W	$2/A
3	9	55	475	11/83	C. NICHOLS	CNG DEVELOPMENT	159.00	.00	$1/A			

OIL AND GAS SALES AND LEASE REPORT

R G N	ST	OI BOOK	DEED NO	PAGE DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	0	0055	240	6/83	CHARLES AND MARY BABER	CABOT OIL AND GAS	55.50	5.00	$3/A	1/8	$3/A	$2/A
3	-3	55	276	6/83	D. GROVES	CABOT OIL AND GAS	71.00	5.00	$4/A	1/8	$4/A	$2/A
3	1	55	522	11/83	E. BREDON	CNG DEVELOPMENT	125.00	3.00	$2/A			
3	1	55	117	3/83	F. DRENNAN	TALLWOOD CORP	55.50	2.00	$2/A	5/32		
3	3	55	130	4/83	F.H. SAPP	CNG PRODUCING CO	29.00	10.00	$2/A			
3	3	55	234	6/83	G. BUTCHER	CNG PRODUCING	100.00	5.00	$4/A			
3	1	55	163	4/83	G. FITZWATER	CNG PRODUCTING	69.00	5.00	$2/A			
3	3	55	167	4/83	G.C. BEAM	CNG PRODUCING	160.00	5.00	$2/A			
3	3	55	413	9/83	GAULEY COAL SALES	CNG DEVELOPMENT	52.00	5.00	$2/A	1/8		
3	4	55	461	10/83	HILL ENTERPRISES	D.C. MALCOLM	14.30	1.00	$3.5/A	1/8		
3	1	55	270	7/83	I.W. BEAGLE	CABOT OIL & GAS	63.00	5.00	$4/A			
3	.	55	47	2/83	J. GROVES	STERLING DRILLING	84.30	2.00	$5/A	1/8	$5/A	
3	3	55	141	4/83	J. GROVES ETAL	PEAKE OPERATING CO.	116.50	10.00	$5/A			
3	1	55	238	6/83	J.C. MORTON	CABOT OIL & GAS	55.50	5.00	$3/A	1/8	$3/A	$2/A
3	0	0055	242	6/83	JOSEPH AND CAMILLA MORTON	CABOT OIL AND GAS	26.00	5.00	$4/A	1/8	$4/A	$2/A
3	0	0055	326	7/83	JOSEPH K. BABER	CABOT OIL AND GAS	55.50	5.00	$3/A	1/8	$3/A	$2/A
3	3	55	49	2/83	L.H. BAILEY	STERLING DRILLING	392.10	2.00	$5/A	1/8	$5/A	
3	3	55	134	4/83	M. O'DELL ETAL	CNG PRODUCING CO	50.00	5.00	$2/A			
3	1	55	87	2/83	M.E. ROGERS	CABOT OIL & GAS	115.50	3.00	$3/A	1/8	$3/A	$2/A
3	3	55	514	11/83	M.L. RADER	CNG DEVELOPMENT	38.00	1.00	$2/A	1/8		
3	0	0055	87	2/83	MARY AND LYLE ROGERS	CABOT OIL AND GAS	115.50	3.00	$3/A	1/8	$3/A	$2/A
3	1	55	91	2/83	R. FLANAGAN	CNG PRODUCING	86.00	5.00	$2/A			
3	4	55	463	10/83	R. HILL	D.C. MALCOLM	42.00	1.00		1/8		
3	2	55	458	10/83	T.R. KOON	CABOT OIL & GAS	155.00	2.00	$2/A	1/8	$2/A	
3	3	55	268	6/83	W. GROVES	CABOT OIL AND GAS	92.00	5.00	$4/A	1/8	$4/A	$2/A
3	3	55	266	7/83	W. GROVES	CABOT OIL AND GAS	149.34	5.00	$4/A			
3	0	0056	108	6/84	BASIL K. HUTTER	CNG DEVELOPMENT	75.00	5.00	$3/A	1/8		$300/Y
3	0	0055	706	3/84	BEULAH HARPLE	D. C. MALCOLM	210.35	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0055	777	4/84	BRENDA HICKMAN	D. C. MALCOLM	102.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0055	790	4/84	CARL AND MABEL RADER	CNG DEVELOPMENT	204.00	2.00	$5/A	1/8		$300/Y
3	0	0056	10	5/84	CHARLES & MYRNA TRUMAN	D.C. MALCOLM	108.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0056	114	7/84	CHARLES & PHYLLIS SUMMERS	D.C. MALCOLM	20.00	2.00	$5/A	1/8	$50/Y	
3	0	0056	208	11/84	CLINTON CROSIER: JOHN AND DELLA CROSIER	TXO PRODUCTION	245.00	10.00	$5/A	1/8	$5/A	$5/A
3	0	0055	802	4/84	CLOVA J. WILSON	D. C. MALCOLM	95.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0055	779	4/84	DELMA AND PAUL DORSEY	D. C. MALCOLM	102.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0056	12	5/84	DELORES & MICHAEL HLUSKE	D.C. MALCOLM	108.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0056	16	5/84	DWIGHT AND JUANITA PIERSON	F. S. WORKMAN, AGENT	102.00	10.00	$1/A	1/8	$50/Y	
3	0	0056	104	5/84	EDITH & FRANK RAMSEY, ET. AL.	CNG DEVELOPMENT	306.00	5.00	$2/A	1/8		$300/Y
3	0	0056	147	8/84	ESTLE & IRENE O'DELL ET. AL.	CNG DEVELOPMENT	79.50	2.00	$3/A	1/8		$300/Y
3	0	0056	238	10/84	ETHEL M. HAGAMAN	TXO PRODUCTION	174.00	5.00	$2.50/A	1/8	$2.50/A	
3	0	0056	242	10/84	ETHEL M. HAGAMAN	TXO PRODUCTION	2.62	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	182	5/84	FANNIE FRAME	CNG DEVELOPMENT	130.00	5.00	$2/A	1/8		$300/Y
3	0	0056	287	12/84	FLYNN COAL & LUMBER CO.	TXO PRODUCTION	289.58	3.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	282	12/84	FLYNN COAL & LUMBER CO.	TXO PRODUCTION	50.00	3.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	292	12/84	FLYNN COAL & LUMBER CO.	TXO PRODUCTION	76.00	3.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	277	12/84	FLYNN COAL & LUMBER CO.	TXO PRODUCTION	31.00	3.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	151	8/84	GLADYS M. O'DELL ET. AL.	CNG DEVELOPMENT	139.00	10.00	$2/A	1/8		$300/Y
3	0	0056	324	12/84	H. B. & ELEANOR WILLIAMS	TXO PRODUCTION	20.41	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0055	798	4/84	HARRY AND YVONNE HICKMAN	D. C. MALCOLM	102.00	3.00	$4/A	1/8	$50/Y	$2/A

OIL AND GAS SALES AND LEASE REPORT

R G N	DI	ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	0	0056	246	11/84	HARRY MORRIS, JR ET. AL.	TXO PRODUCTION	97.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	273	12/84	HAZEL HUGHES	TXO PRODUCTION	70.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	259	12/84	HAZEL HUGHES	TXO PRODUCTION	59.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	1	4/84	HELEN W. FOGELMAN	UNION DRILLING	50.00	5.00	$5/A	1/8	$5/A	
3	0	0056	140	8/84	JAMES R. COX ET. AL.	UNION DRILLING	365.00	5.00	$5/A	1/8	$5/A	
3	0	0055	781	4/84	JOHN AND ORPHA ANDERSON	D. C. MALCOLM	74.13	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0055	712	3/84	JOSEPH AND MARY STRICKLAND	D. C. MALCOLM	126.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0056	155	8/84	L. EUGENE & VIRGINIA EVANS	CABOT O&G	17.34	5.00	$3/A	1/8	$3/A	
3	0	0056	203	11/84	LEE AND LORETTA TUCKER	TXO PRODUCTION	93.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	16	5/84	LENNA B. WALKER	D.C.MALCOLM	108.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0055	845	4/84	LILLIAN KNIGHT	D. C. MALCOLM	102.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0056	23	5/84	MARGERY CONNILLE, LOUIS A. MCCLUNG	UNION DRILLING	140.25	5.00	$5/A	1/8	$5/A	
3	0	0055	773	4/84	MARY E. RAMSEY, ET AL	D.C. MALCOLM	31.00	1.00	$5/A	1/8	$50/Y	$2/A
3	0	0055	775	4/84	MARY E. RAMSEY, ET AL	D. C. MALCOLM	31.00	1.00	$5/A	1/8	$50/Y	$2/A
3	0	0055	783	4/84	MARY E. RAMSEY, ET AL	D. C. MALCOLM	31.00	1.00	$5/A	1/8	$50/Y	$2/A
3	0	0056	96	6/84	MARY LOUISE KING	CNG DEVELOPMENT	75.00	10.00	$2/A	1/8		$300/Y
3	0	0056	14	5/84	MERLE TRUMAN	D.C. MALCOLM	108.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0056	171	7/84	NEIL & YVONNE GREGORY	UNION DRILLING	40.00	5.00	$5/A	1/8	$5/A	
3	0	0056	186	9/84	NORMA JANE GROVES	CNG DEVELOPMENT	150.00	2.00	$3/A	1/8		$2/A
3	0	0056	198	11/84	R. L. AND ALMA HUGHES	TXO PRODUCTION	31.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0055	843	4/84	RAY HICKMAN	D. C. MALCOLM	102.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0055	800	4/84	REBECCA HICKMAN	D. C. MALCOLM	102.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0055	786	3/84	ROBERT AND ELIZABETH JOHNSTON, ET AL	CNG DEVELOPMENT	160.00	2.00	$4/A	1/8		$300/Y
3	0	0056	230	11/84	ROY H. SMITH, ET AL	CNG DEVELOPMENT	666.66	3.00	$2/A	1/8		$300/Y
3	0	0055	710	3/84	SAMUEL AND LYNDA STRICKLAND	D. C. MALCOLM	126.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0056	268	12/84	SARAH JANE NEIL	TXO PRODUCTION	35.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0055	804	4/84	W. A. AND CARDENE WILSON	D. C. MALCOLM	95.00	3.00	$4/A	1/8	$50/Y	$2/A
3	0	0056	263	12/84	WILFRED & JEANETTE RIDER	TXO PRODUCTION	77.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	213	11/84	WILKIE & GLORIA BARNETTE	TXO PRODUCTION	10.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	100	5/84	WILLIAM & HELEN LITTON	CNG DEVELOPMENT	138.00	5.00	$2/A	1/8		$300/Y
3	0	0056	507	5/85	ADY LIVESAY	D.C. MALCOLM	94.00	2.00	$5/A	1/8	$50/A	$2/A
3	0	0056	422	4/85	ANDREW TAYLOR, ADM., TAYLOR EST.	INTERSTATE DRILLING	346.74	5.00	$2/A	1/8		
3	0	0056	424	4/85	ANDREW TAYLOR, ADM., TAYLOR EST.	INTERSTATE DRILLING	314.70	5.00	$2/A	1/8		
3	0	0056	546	6/85	ANNA & BURLEY DICKERSON	CABOT O & G	274.14	10.00	$5/A	1/8	$2/A	$2/A
3	0	0056	359	2/85	BLANCHE, MAMOND, & SHIRLEY SUMMERS	D.C. MALCOLM	44.00	2.00	$3/A	1/8	$50/Y	$2/A
3	0	0056	303	3/85	CHARLES VASSTIPTON ET.AL.	TXO PRODUCTION	161.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	388	3/85	CHARLES W. CRAWFORD	TXO PRODUCTION	161.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	345	2/85	CLARENCE E. CRAWFORD JR.	TXO PRODUCTION	161.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	299	1/85	EDWARD & SARA COOLEY	TXO PRODUCTION	50.00	5.00	$2.50/A	1/8	$2.50/A	
3	0	0056	363	3/85	F.M. & RUDY GROSS	D.C. MALCOLM	82.00	2.00	$5/A	1/8	$50/Y	$2/A
3	0	0056	365	3/85	GLADYS GROSE BUCKLAND ET AL	TXO PRODUCTION	161.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	349	2/85	HOMER H. VASS; MARY J. VASS	TXO PRODUCTION	161.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	354	2/85	HOWARD & FRANCIS SIMMS ET. AL	TXO PRODUCTION	161.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	392	3/85	JOE LEE & ROSE SUMMERS	TXO PRODUCTION	18.18	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	552	6/85	JOHN & BETTY MATHENY	CABOT O&G	77.78	5.00	$3/A	1/8	$2/A	$2/A
3	0	0056	464	4/85	JOHN & DOROTHA CURRY	CABOT O&G	71.45	5.00	$3/A	1/8	$3/A	
3	0	0056	462	4/85	KATHLEEN NEAL	PAUL E. SIMPSON	83.05	1.00	$3.6/A	1/8		
3	0	0056	319	2/85	LEE & ANNETTA WILLIAMS	TXO PRODUCTION	40.64	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
3	0	0056	426	4/85	LEN & DORA WESTON, ET. AL.	TXO PRODUCTION	84.00	5.00	$2.50/A	1/8	$2.50/A	

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 34-NICHOLAS

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	0	0056	297	1/85	LYDIA J. NEAL	NRM PETROLEUM	150.00	3.00	$5/A	1/8		$5/A
3	0	0056	339	2/85	MARVIN & ANNA MCCLUNG	UNION DRILLING	185.00	5.00	$5/A	1/8	$5/A	
3	0	0056	456	4/85	MINNIE D. GROSE	D.C. MALCOLM	190.00	2.00	$5/A	1/8		$2/A
3	0	0056	550	6/85	NEVA MEARNS	CABOT O&G	274.14	10.00	$5/A	1/8	$2/A	$2/A
3	0	0056	431	4/85	PANACEA, INC.	TXO PRODUCTION	700.83	5.00	$1/A	1/8	$1/A	
3	0	0056	548	6/85	RUTH & ROBERT DUNKER	CABOT O & G	274.14	10.00	$5/A	1/8	$2/A	$2/A
3	0	0056	341	2/85	SARAH JANE NEIL	TXO PRODUCTION	77.00	5.00	$2.50/A	1/8	$2.50/A	$2.50/A
						*** COUNTY TOTAL ***	29,491.47					

OIL AND GAS SALES AND LEASE REPORT

R G	DI	BOOK	NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	.	592	189	8/79	B.C. KLOSS	HADDAD & BROOKS	112.40	10.00	$2/A	1/8		
5	.	591	418	7/79	B.R. HONECKEN	HADDAD & BROOKS	285.92	10.00	$2/A	1/8		
5	19	591	149	7/79	C. CUSTER	HADDAD & BROOKS	140.00	10.00	$2/A	1/8		
5	.	591	179	7/79	C.O. WILLIAMS	HADDAD & BROOKS	46.30	10.00	$2/A	1/8		
5	.	591	177	7/79	C.T. SONDA	HADDAD & BROOKS	155.00	10.00	$2/A	1/8		
5	19	591	161	7/79	D. PELKEY	HADDAD & BROOKS	131.90	10.00	$2/A	1/8		
5	.	591	420	7/79	D. WADDELL	HADDAD & BROOKS	200.85	10.00	$2/A	1/8		
5	22	591	165	7/79	D.M SAMPSON	HADDAD & BROOKS	165.00	10.00	$2/A	1/8		
5	19	591	155	7/79	E. MCKAY	HADDAD & BROOKS	124.48	10.00	$2/A	1/8		
5	.	592	183	8/79	E.B. CULLEY	HADDAD & BROOKS	127.00	10.00	$2/A	1/8		
5	19	591	157	7/79	E.D. MCKAY	HADDAD & BROOKS	162.15	10.00	$2/A	1/8		
5	.	591	638	7/79	E.H. GRIMES	HADDAD & BROOKS	154.00	10.00	$2/A	1/8		
5	.	592	651	8/79	E.M. FOSTER	HADDAD & BROOKS	160.00	10.00	$2/A	1/8		
5	22	590	652	7/79	E.N. DREMAK	HADDAD & BROOKS	108.32	10.00	$2/A	1/8		
5	.	592	490	9/79	G. SMITH	HADDAD & BROOKS	138.00	10.00	$2/A	1/8		
5	.	592	492	8/79	G.L ATKINSON	HADDAD & BROOKS	136.00	10.00	$2/A	1/8		
5	.	591	146	7/79	G.W COUCH	HADDAD & BROOKS	311.84	10.00	$2/A	1/8		
5	19	590	650	6/79	H. GARRISON	HADDAD & BROOKS	185.10	10.00	$2/A	1/8		
5	.	591	416	7/79	H. PARK	HADDAD & BROOKS	141.85	10.00	$2/A	1/8		
5	19	591	171	7/79	H. SONON	HADDAD & BROOKS	185.97	10.00	$2/A	1/8		
5	.	592	199	8/79	H.E. RIPLEY	HADDAD & BROOKS	247.00	10.00	$2/A	1/8		
5	.	591	454	7/79	H.P. MINCH	HADDAD & BROOKS	200.00	10.00	$2/A	1/8		
5	22	591	153	7/79	J.A WELTY	HADDAD & BROOKS	75.57	10.00	$2/A	1/8		
5	.	592	185	8/79	J.B. ENNIS	HADDAD & BROOKS	87.37	10.00	$2/A	1/8		
5	19	590	648	6/79	J.D COX	HADDAD & BROOKS	185.00	10.00	$2/A	1/8		
5	.	592	495	8/79	J.M MOORE	HADDAD & BROOKS	197.84	10.00	$2/A	1/8		
5	19	591	159	7/79	L. MILLER	HADDAD & BROOKS	177.56	10.00	$2/A	1/8		
5	.	591	426	7/79	L. RATCLIFFE	HADDAD & BROOKS	112.77	10.00	$2/A	1/8		
5	.	591	423	7/79	L.C. PAULL	HADDAD & BROOKS	204.00	10.00	$2/A	1/8		
5	22	590	654	7/79	M.H. BURKHART	HADDAD & BROOKS	103.20	10.00	$2/A	1/8		
5	19	591	151	7/79	R. FISH	HADDAD & BROOKS	78.20	10.00	$2/A	1/8		
5	.	591	144	7/79	R.R BURKHART	HADDAD & BROOKS	66.55	10.00	$2/A	1/8		
5	19	591	169	7/79	S. SAX	HADDAD & BROOKS	116.07	10.00	$2/A	1/8		
5	.	592	192	8/79	T.H MIKELS	HADDAD & BROOKS	98.40	10.00	$2/A	1/8		
5	19	591	167	7/79	T.W SAVAGE	HADDAD & BROOKS	139.51	10.00	$2/A	1/8		
5	.	592	202	8/79	THE SANDCREST FOUNDATION	HADDAD & BROOKS	258.75	10.00	$2/A	1/8		
5	.	592	212	8/79	W. L WILHELM	HADDAD & BROOKS	184.75	10.00	$2/A	1/8		
5	22	591	163	7/79	W.M RIDGELY	HADDAD & BROOKS	101.00	10.00	$2/A	1/8		

*** COUNTY TOTAL *** 5,825.62

OIL AND GAS SALES AND LEASE REPORT

R G DI	ST	BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6	0	0000	15	4/82	ESTON AND EVELYN TETER	EXXON	180.00	10.00	$.50/A	1/8	$.50/A	
6	0	0000	22	7/82	USA	AMOCO	3,787.67	10.00	$1/A	1/8		
6	0	0000	247	3/84	PAUL AND NORMA BLACK	UNION DRILLING	335.00	5.00	$3/A	1/8	$3/A	
6	0	0000	288	5/84	RALSTON AND GLADYS SITES	COLUMBIA GAS	34.00	5.00	$1/A	1/8		$9/A
6	0	0000	292	5/84	TINY SIMMONS, ET AL	COLUMBIA GAS	48.00	10.00	$1/A	1/8		$6/A
6	0	0000	731	11/85	ARBOGAST, PAUL	PENNZOIL	205.00	10.00	$1/A	1/8	$1/A	
6	0	0000	727	11/85	ARBOGAST, WILLIAM	PENNZOIL	340.00	10.00	$1/A	1/8	$1/A	
6	0	0000	683	1/85	BENNETT, JOHN	ROYAL RESOURCES	99.00	10.00	$1/A	1/8	$50/Y	$2/A
6	0	0000	763	11/85	BENNETT, OSCAR	PENNZOIL	176.00	10.00	$1/A	1/8	$1/A	
6	0	0000	685	1/85	BENNETT, ROBERT	ROYAL RESOURCES	17.00	10.00	$3/A	1/8	$50/Y	$2/A
6	0	0000	607	1/85	FRED AND MILDRED BENNETT	CROWN ENERGY	160.00	5.00	$5/A	1/8	$50/Y	$2/A
6	0	0000	616	1/85	H., J., AND P. HINKLE	BEREA OIL AND GAS	220.00	5.00	$5/A	1/8	$50/Y	
6	0	0000	707	10/85	HARPER, HARVEY	COLUMBIA GAS	108.00	5.00	$1/A	1/8		$300/Y
6	0	0000	613	1/85	HEDRICK, BLAKE	CROWN ENERGY	283.00	5.00	$5/A	1/8	$50/Y	$2/A
6	0	0000	673	1/85	HINKLE, H.	CROWN ENERGY	125.00	5.00	$3/A	1/8	$50/Y	$2/A
6	0	0000	618	1/85	HINKLE, HARMAN	BEREA	82.12	5.00	$5/A	1/8	$50/Y	
6	0	0000	616	1/85	HINKLE, HARMAN	BEREA	220.00	5.00	$5/A	1/8	$50/Y	
6	0	0000	646	3/85	JOHN AND GLADYS WILLIAMS	ROYAL RESOURCES	90.00	5.00	$3/A	1/8	$50/A	$2/A
6	0	0000	635	1/85	MULLENAX, ISCIE	CROWN ENERGY	479.00	10.00	$3/A	1/8	$50/Y	$2/A
6	0	0000	763	11/85	O'BRYAN, PAT	PENNZOIL	162.00	10.00	$1/A	1/8	$1/A	
6	0	0000	711	10/85	PHARES, ROBERT	COLUMBIA GAS	381.00	5.00	$1/A	1/8		$300/Y
6	0	0000	648	3/85	SIMMONS, LESTER	ROYAL RESOURCES	24.00	10.00	$3/A	1/8	$50/Y	$2/A
6	0	0000	632	1/85	SPONAUGLE, CONDA	CROWN ENERGY	314.00	5.00	$3/A	1/8	$50/Y	$2/A
6	0	0000	755	11/85	WAGGY, HAROLD	PENNZOIL	343.00	10.00	$1/A	1/8	$1/A	
6	0	0000	675	1/85	WARNER, MERL	CROWN ENERGY	746.00	10.00	$3/A	1/8	$50/Y	$2/A
					*** COUNTY TOTAL ***		8,958.79					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 37-PLEASANTS

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	0	0186	231	8/83	ADKINS, ROBERT	RENDOVA OIL	122.00	2.00	$7.5/A	1/8	$50/Y	
1	0	0183	122	4/83	DORRIS, M. JR.	DENZIL L. PRATHER	59.50	1.00	$10/A	1/8	$50/Y	$5/A
1	0	0184	90	1/83	FLOWER, PAUL	LIMESTONE OIL	100.00	2.00	$10/A	1/8		
1	0	0184	332	6/83	GREATHOUSE, DEWEY	H&T ENERGY DEVELOPMENT	27.00	.50	$20/A	1/8	$20/A	
1	0	0185	606	7/83	HINDS, HESTER	STONEWALL GAS	26.00	2.00	$15/A	1/8	$15/A	
1	0	0185	334	7/83	OGDIN, ANNA	OHIO L&M	142.00	1.00	$20/A	1/8	$50/Y	
1	0	0185	398	7/83	REESE, GEORGE	ENERGEX OIL AND GAS	18.00	.25	$3.3/A	1/8	$50/Y	
1	0	0186	501	9/83	SCODDER, CLIFFORD	W.R. DEVELOPMENT	78.00	1.00	$50/A	1/8	$50/Y	$50/A
1	0	0189	124	12/83	WAGNER, DONALD	HYDROCARBON INVESTMENTS	74.00	.25	$15/A	3/32	$200/Y	
1	0	0192	557	4/84	BARRETT, ROBERT	L&B OIL	87.50	1.00	$50/A	1/8		
1	0	0190	574	2/84	ELLIOT, W.	CUYAHOGA LAND	243.00	3.00	$50/A	1/8	$5/A	
1	0	0201	17	6/84	HAROLD M. & GENEVIEVE MICHAEL	LIMESTONE OIL CO.	90.00	2.00	$10/A	1/8		
1	0	0190	647	1/84	LOWTHER, BETTY	BERL E. CAVINEE LEASING	12.00	1.00	$56/A	9/64		
1	0	0193	472	5/84	NARPLE, ETHEL	WILLIAM H. BOWIE	30.00	.50	$33/A	1/8		
1	0	0201	21	7/84	MARY J. WILLIAMSON & JOHN W. ROBINSON	LIMESTONE OIL CO.	157.50	2.00	$10/A	1/8		
1	0	0192	633	4/84	MCKIBBEN, LEWIS	L.E. OSTROM	200.00	2.00	$10/A	1/8		$1/A
1	0	0192	645	4/84	MCKIBBEN, WAINE	L.E. OSTROM	200.00	2.00	$10/A	1/8		$1/A
1	0	0192	615	4/84	MORRISON, MARY	LIMESTONE OIL	11.33	.50	$9/A	1/8		
1	0	0191	173	1/84	PETNTEL, ALLEN ET AL	OHIO L&M	100.00	2.00	$25/A	1/8	$50/Y	
1	0	0193	320	2/84	SHULTZ, OKEY HEIRS	LIMESTONE OIL	13.50	1.30	$56/A	1/8		
1	0	0192	464	3/84	TULLOS, STEPHEN	TECHWELL	85.00	3.00	$25/A	1/8	$25/A	
1	0	0194	232	5/84	VENTERS, WALTER	LIMESTONE OIL	100.00	2.00	$35/A	1/8		
1	0	0203	481	12/85	ASH, GRACE ET AL	DONALD WAGNER	72.00	3.00	$10/A	1/8	$50/Y	
1	0	0201	655	4/85	BLAIR, ALLEN	STONEWALL GAS	66.00	2.00	$10/A	1/8	$10/A	
1	0	0201	142	3/85	C.B. AND DORIS BRAMMER	CNG DEVELOPMENT CO.	86.00	5.00	$2/A	1/8	.50/A	
1	0	0201	166	3/85	C.B. AND DORIS BRAMMER	CNG DEVELOPMENT CO.	38.00	5.00	$2/A	1/8	.50/A	
1	0	0201	233	5/85	COUNTY COURT OF PLEASANTS	QUAKER STATE CORPORATION	80.00	5.00	$1/A	1/8	$1/A	$1/A
1	0	0201	170	4/85	DAVID AND PEGGY SCOTT	CNG DEVELOPMENT CO.	38.00	5.00	$2/A	1/8	.50/A	
1	0	0201	146	4/85	DAVID AND PEGGY SCOTT	CNG DEVELOPMENT	86.00	5.00	$2/A	1/8	.50/A	
1	0	0201	357	4/85	DONALD AND JEAN B. THORNBERRY	STONEWALL GAS COMPANY	66.00	2.00	$10/A	1/8	$2.5/A	
1	0	0201	594	7/85	DOTSON, EVERETT	STONEWALL GAS	65.50	1.00	$12/A	1/8	$12/A	
1	0	0202	177	8/85	DUPLAGA, MABLE	AMERICAN PIPELINE AND EXPLORATION	122.50	2.00	$5/A	1/8		
1	0	0201	359	4/85	FORBES W. AND HILMA BLAIR	STONEWALL GAS COMPANY	66.00	2.00	$10/A	1/8	$2.5/A	
1	0	0201	256	3/85	FRANKLIN E. SOUERS	MAXON ENERGY INC.	42.00	1.00	$10/A	1/8		
1	0	0201	247	5/85	GALE AND ELIZABETH FLOWERS	STONEWALL GAS CO.	18.00	2.00	$10/A	1/8	$2.5/A	
1	0	0201	19	1/85	GEORGE A. AND PATRICIA A. RISCH	LIMESTONE OIL CO.	157.50	2.00	$10/A	1/8		
1	0	0201	1	4/85	HAZEL CLOVIS	HAUGHT OIL	13.00	1.00	$10/A	1/8		
1	0	0201	138	4/85	HELEN BRAMMER	CNG DEVELOPMENT CO.	86.00	5.00	$2/A	1/8	.50/A	
1	0	0201	162	4/85	HELEN BRAMMER	CNG DEVELOPMENT CO.	38.00	5.00	$2/A	1/8	.50/A	
1	0	0201	566	6/85	HINDS, HESTER	STONEWALL GAS	26.00	2.00	$15/A	1/8	$15/A	
1	0	0201	134	3/85	JAMES H. REED,JR. AND MARGARET REED	CNG DEVELOPMENT CO.	53.00	2.00	$2/A	1/8	.50/A	
1	0	0202	569	9/85	LESSNER, MARY	STONEWALL GAS	26.00	1.00	$1/A	1/8	$1/A	
1	0	0201	23	1/85	MARY E. SOBATINE	LIMESTONE OIL CO.	157.50	2.00	$10/A	1/8		
1	0	0201	158	4/85	MCDOWELL, RICHARD	CNG DEVELOPMENT	86.00	5.00	$2/A	1/8	$2/A	
1	0	0203	589	12/85	MOSSER, YVONNE	AMERICAN PIPELINE AND EXPLORATION	122.50	2.00	$5/A	1/8		
1	0	0201	4	4/85	PAUL AND MARY ZALESAK	HAUGHT OIL	13.80	1.00	$10/A	1/8	$600/Y	
1	0	0201	420	6/85	PLUMM, MARY	AMERICAN PIPELINE AND EXPLORATION	28.00	1.00	$60/A	1/8	$500/Y	
1	0	0201	158	4/85	RICHARD AND ANN MCDOWELL	CNG DEVELOPMENT CO.	86.00	5.00	$2/A	1/8	.50/A	
1	0	0201	182	4/85	RICHARD AND ANN MCDOWELL	CNG DEVELOPMENT CO.	38.00	5.00	$2/A	1/8	.50/A	

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED PAGE									
N	ST	BOOK	NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL STORAGE RENTAL
1	0	0201	174	4/85	ROBERT B. LOWE, JR. & FRANCES D. LOWE	CNG DEVELOPMENT CO.	38.00	5.00	$2/A	1/8	.50/A
1	0	0201	150	4/85	ROBERT B. LOWE,JR. AND FRANCES LOWE	CNG DEVELOPMENT CO.	86.00	5.00	$2/A	1/8	.50/A
1	0	0201	178	4/85	ROBERT BRANNER	CNG DEVELOPMENT CO.	38.00	5.00	$2/A	1/8	.50/A
1	0	0201	154	4/85	ROBERT BRANNER	CNG DEVELOPMENT CO.	86.00	5.00	$2/A	1/8	.50/A
						*** COUNTY TOTAL ***	4,001.63				

OIL AND GAS SALES AND LEASE REPORT

R G	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6	4		464	1/79	A.M. BARKLEY	RICHARD S. GADDY	441.00	10.00	$1/A	1/8	$1/A	
6	6		416	2/79	B. GALFORD	RICHARD S. GADDY	252.70	10.00	$1/AC	1/8	$1/AC	
6	3		199	3/79	D. HANNAH	RICHARD S. GADDY	282.00	10.00	$1/AC	1/8	$1/AC	
6	4		125	3/79	E. YOUNG	CITIES SERVICES	50.00	10.00	$1/AC	1/8		
6	6		507	1/79	E.J. DILLEY	RICHARD S. GADDY	503.00	10.00	$1/A	1/8	$1/A	
6	6		461	1/79	F. DAVIS	RICHARD S. GADDY	345.30	10.00	$1/A	1/8	$1/A	
6	.		422	2/79	F.K. KRASICH	RICHARD S. GADDY	317.00	10.00	$1/A	1/8	$1/A	
6	3		91	3/79	H. HANNAH	RICHARD S. GADDY	328.00	10.00	$1/AC	1/8	$1/AC	
6	7		9	3/79	H. SIMMONS	RICHARD S. GADDY	74.82	10.00	$1/AC	1/8	$1/AC	
6	4		153	5/79	J. POWELL	CITIES SERVICES	496.85	10.00	$1/AC	1/8		
6	4		374	3/79	L. THARP	CITIES SERVICES	1,614.85	5.00	$1/AC	1/8		
6	4		543	11/79	L. YORK	ROYAL RESOURCES	185.00	10.00	$1/AC	1/8		$2/AC
6	6		545	11/79	M. HORNER	ROYAL RESOURCES	102.00	10.00	$1/AC	1/8		$2/AC
6	6		57	12/79	P. SMITH	D & H OIL CO.	224.00	10.00	$1/AC $2/AC BONUS	1/8		
6	4		617	2/79	R.E. WARNER	CITIES SERVICE CO	276.25	10.00	$1/A	1/8	$1/A	
6	.		449	3/79	U. S. FOREST SERVICE	AMOCO	2,373.48	.00	$1/AC			
6	6		87	4/79	W. HARPER	RICHARD S. GADDY	95.00	10.00	$1/AC	1/8	$1/AC	
6	7		270	4/80	A. ARBOGAST	A. R. C. O.	29.00	10.00	$1/AC	1/8		
6	3		324	3/80	B. BEVERAGE	A. R. C. O.	163.00	10.00	$1/AC	1/8		
6	7		366	9/80	B. EDGAR	STERLING DRILLING	726.00	10.00	$1/AC	1/8		
6	3		518	2/80	B. SHARP	RICHARD S. GADDY	148.00	10.00	$1/AC	1/8	$1/AC	
6	4		439	5/80	C. GRIFFITH	APPALACHIAN EXPLORATION DEV.	18.00	5.00	$2/AC	1/8		$2/AC
6	4		.	8/80	C. LIGHTNER	B. B. LONG	332.00	10.00	$1/AC	1/8	$1/AC	
6	6		478	8/80	D. KELLEY	STERLING DRILLING	112.00	10.00	$1/AC	1/8		
6	3		587	7/80	D. SHARP	STERLING DRILLING	851.51	10.00	$1/AC	1/8		
6	6		10	9/80	E. GRIMES	B. B. LONG	79.00	10.00	$1/AC	1/8	$1/AC	
6	4		698	7/80	F. THOMAS JR.	COLUMBIA GAS	22.26	5.00	$1/AC	1/8		$300/W
6	6		293	5/80	G. MOORE	A. R. C. O.	60.00	10.00	$1/AC	1/8		
6	3		507	4/80	K.G. COCHRAN	ARCO	286.90	10.00	$1/A	1/8	$1/A	
6	3		358	4/80	M. BEVERAGE	ROYAL RESOURCES	156.00	10.00	$1/AC	1/8	$50/W	$2/AC
6	3		320	6/80	SINKING SPRINGS FARMS	AMOCO	181.00	10.00	1/AC	1/8	$1/AC	
6	7		338	6/80	SINKING SPRINGS FARMS	AMOCO	1,678.75	10.00	$1/AC	1/8		
6	6		658	4/80	W. BUZZARD	A. R. C. O.	143.00	10.00	$1/AC	1/8		
6	7		233	3/81	A.M. BROADDUS	C.E. BECK	41.00	10.00	$1/AC,$25/A-Y6	1/8	$1/A	
6	7		591	10/81	A.R. GUM	C.E. BECK	151.00	10.00	$10/AC,$25/A,-Y6	1/8	$1/A	$1/A
6	4		98	12/81	C. CASSELL	AMINOIL, USA	167.71	5.00	$1/AC	1/8		
6	6		201	5/81	C. MCCARTY	CNG. PRODUCING CO.	278.00	5.00	$1/AC	1/8		
6	7		574	4/81	E. BURNS	STERLING DRILLING	209.00	10.00	$1/AC	1/8		
6	6		168	1/81	J. PITSENBERGER	STERLING DRILLING	809.00	10.00	$1/AC	1/8		
6	3		.	9/81	J.B. MURPHY	C.E. BECK	653.00	10.00	$1/A,$25/A-Y6	1/8	$1/A	$1/A
6	3		.	12/81	J,W. & A.D. MCNEILL	C.E. BECK	164.00	10.00	$1/AC,$25/A-Y6	1/8	$1/A	
6	4		182	3/81	M. SNYDER	STERLING DRILLING	56.50	10.00	$1/AC	1/8		
6	7		581	12/81	P. ARBOGAST	STERLING DRILLING	1,036.00	10.00	$1/AC	1/8	$1/A	
6	.	159	257	6/81	R. BEARD	CABOT	2,054.00	5.00	$2/AC $9/AC BONUS	1/8		
6	4		479	./81	R. MINER	D & H OIL CO.	51.00	10.00	$1/AC $2/AC BONUS	1/8		
6	6		465	5/81	R. SHARP	CNG. PRODUCING CO.	86.00	5.00	$1/AC	1/8		
6	.		191	7/81	S. HIVELEY	JOHN A. STEELE JR.	74.88	10.00	$1/AC	1/8		
6	7		484	6/81	T. CALLAHAN	MORRIS EXPLORATION	360.31	10.00	$1/AC	1/8		
6	.		332	9/81	T. PRITCHARD	JOHN A. STEELE JR.	206.00	10.00	$1/AC	1/8		

OIL AND GAS SALES AND LEASE REPORT

R G N	DI	ST	BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6	.	159	253		6/81	W. BEARD	CABOT	2,054.00	5.00	$2/AC $9/AC BONUS	1/8		
6	3		179		3/81	W. GARDNER	STERLING DRILLING	1,204.75	10.00	$1/AC	1/8		
6	.		599		10/81	W.T. SHARP	C.E. BECK	60.00	10.00	$1/A	1/8	$1/A	$1/A
6	3		650		8/81	W.H MANN	AMOCO PRODUCTION CO.	131.00	10.00	$1/A	1/8	$1/A	
6	3		283		1/81	WEST VIRGINIA HILLS INC.	A. R. C. O.	1,702.00	10.00	$1/AC	1/8		
6	3		242		3/82	C.W. WALLACE	C.E. BECK	398.00	10.00	$1/AC,$25/A-Y6	1/8	$1/A	
6	7		1		3/82	J. CLARK	C. E. BECK	365.50	10.00	$1/AC $25/AC-Y6	1/8	$1/AC	
6	7		165		1/82	J.F. & M.L. JOHNSON	C.E. BECK	50.00	10.00	$1/A,$25/A-Y6	1/8	$1/A	
6	3		245		3/82	JOHN & HAZEL HAUSE ETAL	CLE. BECK	218.00	10.00	$1/AC,$25/A-Y6	1/8	$1/A	
6	3		183		1/82	L. SHARP	C. E. BECK	456.00	10.00	$1/AC $25/AC-Y6	1/8	$1/AC	
6	4		218		3/82	L. SMITH	CITIES SERVICES	597.80	10.00	$1/AC	1/8	$1/AC	
6	6		385		1/82	R. DAILEY	C. E. BECK	95.00	10.00	$1/AC $25/AC-Y6	1/8	$1/AC	
6	7		236		1/82	S.F. CLOONAN	C.E. BECK	157.00	10.00	$1/AC,$25/A-Y6	1/8	$1/A	
6	4		473		1/82	T. GRIMES	AMINOIL, USA INC.	4.98	5.00	$1/AC	1/8		
6	3		654		3/82	T. RICOTTILLI	CHESTERFIELD ENERGY	24.00	3.00	$5/AC	1/8		
6	7		239		3/82	V.C. CAMPBELL	C.E. BECK	218.00	10.00	$1/AC,$25/A-Y6	1/8	$1/A	
							*** C O U N T Y T O T A L ***	27,081.10					

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	13	486	991	8/79	A. COHN	D & H OIL CO.	40.00	5.00	$1/A	1/8		
4	13	487	3	8/79	A. HERSHMAN	D & H OIL CO.	104.00	5.00	$1/A,$2/A-BONUS			
4	18	482	956	9/79	C. EVERLY	J. SCOTT	100.00	2.00	$2.50/A			
4	18	482	404	8/79	D. CRESS	SCOTT ENTERPRISES	46.25	1.00	$1/A			
4	18	481	689	7/79	D. DALTON	J. SCOTT	46.00	10.00	$2.50/A			
4	13	487	27	8/79	D. DAVIS	D & H OIL CO.	68.00	5.00	$1/A,$2/A-BONUS			
4	11	486	361	8/79	DAUGHERTY COAL	D & H OIL CO.	222.00	3.00	$1/A,$2/A-BONUS			
4	11	486	260	12/79	G. ASHBY	D & H OIL CO.	50.00	10.00	$1/A,$2/A-BONUS			
4	11	486	256	12/79	G. ASHBY	D & H OIL CO.	147.00	10.00	$1/A,$2/A-BONUS			
4	5	479	876	2/79	L. FEATHER	CONSOLIDATED GAS	100.00	10.00	$1/A			
4	.	490	23	10/80	DAYWOOD FOUNDATION	C. HUTSCHELKHAUS	2,207.00	1.00	$1.36/A	1/8		
4	11	490	16	12/80	INTERSTATE LUMBER	PROSPER PETROLEUM	1,000.00	5.00	$5/A-YA,$2/A			
4	17	490	691	12/80	K. AUVIL	CITIES SERVICE	.00	10.00	$1/A			
4	7	485	203	2/80	R. CUNNINGHAM	CONSOLIDATED COAL	25.03	10.00	$1/A			
4	10	487	949	7/80	R. HUFFMAN	TIPCO	170.50	10.00	$1/A			
4	6	485	13	2/80	UNION NATIONAL BANK	J & J ENTERPRISES	86.82	5.00	$3/A	1/8		$3/A
4	10	485	15	2/80	UNION NATIONAL BANK	J & J ENTERPRISES	223.73	5.00	$3/A	1/8		$3/A
4	13	486	34	5/80	UNION NATIONAL BANK	J & J ENTERPRISES	386.00	5.00	$3/A	1/8		$3/A
4	18	486	859	9/80	W. DENNIS	CONSOLIDATED GAS	25.00	10.00	$1/A			
4	17	490	495	12/80	W. HAUSER	CITIES SERVICE	83.00	10.00	$1/A			
4	4	491	13	3/81	BEEGHLY BROS.	HERT DEVELOPMENT	193.00	3.00	$3/A	1/8		$50/W
4	17	493	548	5/81	C. CUMMINGS	CITIES SERVICE	116.56	5.00	$1/A			
4	17	495	783	9/81	C. CUMMINGS	CITIES SERVICE	160.00	5.00	$1/A			
4	17	496	313	10/81	C.K. SHAFFER	BECKLER ENERGY	326.00	5.00	$3/A	1/8		
4	13	495	47	9/81	D. DAVIS	BECKLER ENERGY	54.00	3.00	$3/A			
4	13	497	765	7/81	F. EVERHART	CNG PRODUCING	40.00	5.00		1/8		
4	13	497	777	7/81	F. EVERHART	CNG PRODUCING	25.00	5.00	$2/A			
4	7	490	958	3/81	G.L. SAPP	PETROLEUM DEVELOPMENT	255.79	3.00	$4/A	1/8		$1/A
4	13	493	810	5/81	H. DEAN	CNG PRODUCING	1.00	10.00	$1/A			
4	4	495	400	6/81	J. CRYROCK	CNG PRODUCING	80.00	5.00	$2/A			
4	17	495	531	1/81	K. HARMAN	CITIES SERVICE	1,050.00	5.00	$1/A			
4	11	490	160	1/81	M. JENNINGS	PROSPER PETROLEUMS	1,563.00	5.00	$4/AC-Y1,$2/A	1/8		
4	17	492	632	4/81	M. ZIEGLAR	CITIES SERVICE	64.75	5.00	$1/A			
4	13	495	394	10/81	N. HARVEY	BECKLER ENERGY	30.00	10.00	$2/A			
4	17	491	898	1/81	R. COOPER	CITIES SERVICE	1,050.00	5.00	$1/A			
4	13	495	49	8/81	R.K. RIDGAWAY	BECKLER ENERGY	120.00	5.00	$2/A	1/8		
4	4	500	161	6/82	E. EVERLY	CNG PRODUCING	100.00	5.00	$2/A			
4	4	500	739	6/82	F. QUINN	CNG PRODUCING	168.00	5.00	$2/A			
4	7	502	969	12/82	J. BECKETT	EASTERN AMERICAN ENERGY	162.00	3.00		1/8		
4	17	501	335	8/82	J. SNYDER	CNG PRODUCING	17.23	5.00	$2/A			
4	13	500	371	7/82	H. FINN	SNG PRODUCING	100.38	5.00	$2/A			
4	13	498	718	5/82	R. MILLER	J & J ENTERPRISES	30.00	2.00	$4/A			
4	13	499	662	5/82	S. APAKONICY	CNG PRODUCING	8.00	5.00	$2/A			
4	7	500	339	7/82	T. COBURN	BECKLER ENERGY	121.00	5.00	$1/A	1/8		
4	17	509	159	6/83	E. BAKER	FOX OIL & GAS	20.00	5.00	$5/A			
4	11	508	836	11/83	F. GAINER	B & B LAND SERVICES	56.00	3.00	$5/A			
4	11	508	832	11/83	F. GAINER	B & B LAND SERVICES	95.75	3.00	$5/A			
4	10	508	245	10/83	M. FRANKHOUSER	CABOT	56.00	5.00	$3/A			
4	11	508	557	10/83	O. HOFFMAN	CABOT	113.00	5.00	$3/A			

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	11	508	249	10/83	R. WHITEHAIR	CABOT	622.00	5.00	$3/A			
4	17	508	251	10/83	TERRA ALTA LAND CO.	CABOT	274.00	5.00	$3/A			
4	13	510	386	1/84	L. WOLFE	J & J ENTERPRISES	31.00	2.00	$6/A			
4	13	510	392	1/84	R. WOLFE,	J & J ENTERPRISES	40.00	2.00	$6/A			
4	13	510	394	1/84	R. WOLFE	J & J ENTERPRISES	16.00	2.00	$6/A			
						*** COUNTY TOTAL ***	12,309.79					

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R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	8	61	286	9/79	A. HOHAKER	APPALACHIAN EXPLORATION & DEV.	162.00	2.00	$2/AC	1/8	$50/W	$2/AC
2	8	61	267	8/79	A. HULL	APPALACHIAN EXPLORATION & DEV.	162.00	2.00	$2/AC	1/8	$50/W	$2/AC
2	11	61	193	6/79	B. MEADOWS	SPARATAN GAS	124.00	2.00	$1/AC	1/8		
2	4	61	262	8/79	C. COINER	STEPLING DRILLING & PROD. CO.	40.00	5.00	$2/AC	1/8		
2	2	61	252	7/79	D. LEIGHTY	CYCLOPS CORP.	53.00	3.00	$2/AC	1/8	$2/AC	$1/AC
2	12	61	198	6/79	E. STONE	DEVON CORP. & EASON OIL CO.	48.00	2.00	$2/AC	1/8	$50/W	
2	8	61	284	9/79	J. DEDERNARDIS	APPALACHIAN EXPLORATION & DEV.	162.00	2.00	$2/AC	1/8	$50/W	$2/AC
2	2	61	258	8/79	J. SUMMERS	TEAVEE OIL & GAS INC.	270.00	2.00	$2/AC	1/8		
2	2	61	178	6/79	J. WHITT	CYCLOPS CORP.	10.00	10.00	$2/AC	1/8	$2/AC	$1/AC
2	2	61	250	7/79	L. BLACKSHIRE	CYCLOPS CORP.	95.00	3.00	$2/AC	1/8	$2/AC	$1/AC
2	11	61	211	7/79	L. CALL	DEVON CORP. & EASON OIL CO.	39.50	1.00	$2/AC	1/8	$50/W	
2	2	61	174	6/79	R. SHEETS	CYCLOPS CORP	36.00	2.00	$2/AC	1/8	$2/AC	$1/AC
2	11	61	214	7/79	W. CALL	DEVON CORP. & EASON OIL CO.	47.50	1.00	$2/AC	1/8	$50/W	
2	2	61	176	6/79	W. VANCE	CYCLOPS CORP.	11.00	5.00	$2/AC	1/8	$2/AC	$1/AC
2	11	62	92	10/80	A. MITCHELL	CITIES SERVICE	50.00	10.00	$1/A	1/8		
2	12	62	103	5/80	C. JAQUES	KENGAS	60.00	3.00	$2/A	1/8		
2	2	62	1	3/80	D.V. GARRISON	AEO	68.00	3.00	$2/A	1/8		
2	11	62	162	11/80	J. CRISTI	CITIES SERVICE	50.00	10.00				
2	11	62	37	9/80	J. GLENN	CITIES SERVICE	85.75	10.00	$1/A	1/8		
2	11	62	40	9/80	M.A. DOSS	CITIES SERVICE	84.00	10.00	$1/A	1/8		
2	12	62	74	7/80	O. JONES	DEVON CORP	28.00	5.00	$1.79/AC	1/8		
2	11	62	64	8/80	R. L. SMITH	CITIES SERVICE	54.90	10.00	$1/A	1/8		
2	7	62	114	10/80	R.G. BIRD	CABOT OIL & GAS	51.00	2.00				
2	2	62	629	10/81	A. WHITTINGTON	KAISER EXPLORATION	96.00	2.00	$2/A			
2	11	62	632	9/81	C. CHAPMAN	CITIES SERVICE	82.00	10.00	$1/A			
2	.	62	642	11/81	D. FRAZIER	UPSHUR AGENCY	70.00	3.00	$2/A	1/8		
2	2	63	48	11/81	D.W. ROBERTS	UPSHUR AGENCY	43.00	3.00	$2/A	1/8		
2	2	62	617	10/81	F. MCCRAY	KAISER EXPLORATION	97.00	10.00	$2/A			
2	.	62	648	12/81	J TUCKER	TOM MARCH INC	134.00	5.00	$5/A	1/8		
2	.	62	646	11/81	L. HAYES	TOM MARCH INC.	82.00	3.00	$5/A	1/8		
2	2	63	54	11/81	O. FRAZIER	CYCLOPS CORP.	110.00	3.00	$10/A	1/8		
2	2	62	611	10/81	O. PRIDDY	KAISER EXPLORATION	60.00	10.00	$2/A			
2	2	62	627	10/81	R. WOODALL	KAISER EXPLORATION	93.65	10.00	$2/A			
2	3	62	623	10/81	R. WOODALL	KAISER EXPLORATION	115.00	10.00	$2/A			
2	12	63	19	12/81	R.H. RHODES HEIRS	CABOT CORP	47.00	1.00	$3/A	1/8		
2	8	63	65	1/82	C.K ROLLINS	MORRIS EXPLORATION CO	162.00	2.00	$2/A	1/8		
2	10	63	45	2/82	E. JONES	TOM F. MARSH INC.	27.00	3.00	$5/AC	1/8	$50/W	$2/AC
2	10	63	60	2/82	E. WYNER	MORRIS EXPLORATION CO.	18.86	5.00	$5/AC	1/8	$5/AC	
2	10	63	62	2/82	E.D. SPILMAN	DEVON CORP.	153.00	1.00	$3/A	1/8		
2	10	63	60	8/82	E.W. WYNER	MORRIS EXPLORATION	52.00	5.00	$5/A	1/8		
2	2	63	35	2/82	L. NEEDHAM	COLUMBIA GAS	102.50	10.00	$2/AC	1/8	$25/W	$300/W
2	2	63	41	6/82	N. R. WICKENSON	COLUMBIA GAS	109.63	10.00	$2/A	1/8		
2	11	63	31	5/82	R. MILLER	COLUMBIA GAS	62.00	10.00	$2/A	1/8	$25.00/W	$300.00/W
2	10	63	51	2/82	S. WEST	TOM F. MARSH INC.	6.00	3.00	$5/AC	1/8	$50/W	$5/AC
2	2	63	16	2/82	V. WHITTINGTON	DEVON ENERGY CORP.	81.00	1.00	$3/AC	1/8	$50/W	
2	2	63	13	2/82	V. WHITTINGTON	DEVON ENERGY CORP.	16.00	1.00	$3/AC	1/8	$50/W	
2	2	64	184	7/83	A. WHITTINGTON	KAISER EXPL. & MINING	96.00	2.00	$3/AC	1/8	$50/W	$1/AC,$100/YR
2	11	64	214	9/83	B. BAYS	TEAVEE OIL & GAS INC.	184.00	1.00	$2/AC	1/8		
2	2	64	178	7/83	C. MORGAN	UNION DRILLING	291.00	5.00	$5/AC	1/8	$5/AC	

STATE OF WEST VIRGINIA
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OIL AND GAS SALES AND LEASE REPORT

R G H	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	2	64	169	6/83	D. BACKUS	TEAVEE OIL & GAS INC.	96.00	3.00	$2/AC	1/8		
2	11	64	130	4/83	E. COMSTOCK	JAMES WEBER	55.41	3.00	$6/AC	1/8	$50/M	
2	12	64	116	4/83	E. COTTRILL	DEVON ENERGY CORP.	71.50	2.00	$3/AC	1/8	$50/M	
2	12	64	112	4/83	E. COTTRILL	DEVON ENERGY CORP.	52.63	2.00	$3/AC	1/8	$50/M	
2	10	64	151	5/83	E. SPILMAN	DEVON ENERGY CORP.	153.25	3.00	$3/AC	1/8	$50/M	
2	2	64	154	5/83	E. WHITTINGTON	DEVON ENERGY CORP.	107.00	1.00	$3/AC	1/8	$50/M	
2	11	64	133	4/83	G. KEENEY	JAMES WEBER	49.31	3.00	$6/AC	1/8	$50/M	
2	12	64	219	10/83	G. STEPHENS	CABOT OIL & GAS	54.00	5.00	$3/AC	1/8	$3/AC	$2/AC
2	12	64	221	10/83	G. STEPHENS	CABOT OIL & GAS	40.00	5.00	$3/AC	1/8	$3/AC	$2/AC
2	10	64	128	4/83	GREAT TEAYS CORP.	V. COURTLANDT SMITH III	34.00	10.00	$2/AC	1/8		
2	2	64	122	4/83	J. BLACK	UNION DRILLING	100.00	2.00	$8/AC	1/8	$8/AC	
2	11	64	125	4/83	J. YOUNG	DEVON ENERGY CORP.	84.50	5.00	$4/AC	1/8	$50/M	
2	12	64	196	9/83	K. TINNEY	CABOT OIL & GAS	130.00	5.00	$2/AC	1/8	$3/AC	$2/AC
2	6	408	704	6/83	R. WARNER	TRIO PETROLEUM CORP.	65.00	5.00	$3/A	1/8		
2	12	64	142	5/83	W. HOFFMAN	DEVON ENERGY CORP.	56.00	3.00	$3/AC	1/8	$50/M	
2	2	64	181	7/83	W. MALLETT	KAISER EXPL. & MINING	80.50	2.00	$3/AC	1/8	$50/M	$1/A,$100/YR
2	0	0064	668	9/84	ALFORD, H.	LEASING SERVICES	90.00	5.00	$5/A	1/8	$5/A	
2	0	0064	639	9/84	BIRD, RONALD	CABOT OIL AND GAS	215.00	2.00	$5/A	1/8	$5/A	$2/A
2	0	0064	469	5/84	BROOKS, DWIGHT	CABOT OIL AND GAS	130.00	5.00	$5/A	1/8	$5/A	$2/A
2	0	0064	372	3/84	CAIN, GUY ET AL	DEVON ENERGY/NYCOTEX	36.00	3.00	$3/A	1/8	$3/A	
2	0	0064	507	6/84	COTTRELL, GRADIA	SPARTAN GAS	.00	2.00	$1/A	1/8	$1/A	
2	0	0064	367	3/84	DUNCAN, JAMES	PEAKE OPERATING	20.00	2.00	$10/A	1/8	$10/A	$2/A
2	0	0064	369	3/84	GIDSON, T.	DEVON ENERGY/NYCOTEX	50.90	3.00	$3/A	1/8	$3/A	
2	0	0064	489	6/84	HARRIC, H. ET AL	CITIES SERVICE OIL AND GAS	388.25	10.00	$1/A	1/8	$1/A	
2	0	0064	461	5/84	HARRISON, EDGAR	CITIES SERVICE OIL AND GAS	47.00	5.00	$1/A	1/8	$1/A	
2	0	0064	471	6/84	HOLLOWAY, ROBERT	UNION DRILLING	24.00	5.00	$5/A	1/8	$5/A	
2	0	0064	465	5/84	HOMAKER, D. ET AL	DEVON ENERGY/NYCOTEX	180.00	2.00	$4/A	1/8	$4/A	
2	0	0064	376	3/84	JIVIDEN, KERMIT	KAISER EXPLORATION AND MINING	40.75	5.00	$5/A	1/8	$5/A	$1/A
2	0	0064	499	6/84	THOMAS, ERNEST	CITIES SERVICE OIL AND GAS	191.00	5.00	$1/A	1/8	$1/A	
2	0	0064	448	5/84	WARNER, BOYD	KAISER EXPLORATION AND MINING	95.00	5.00	$5/A	1/8	$5/A	
2	0	0064	351	2/84	WHITTINGTON, VA.	DEVON ENERGY/NYCOTEX	16.00	1.00	$3/A	1/8	$3/A	
2	0	0064	357	2/84	WHITTINGTON, VA.	DEVON ENERGY/NYCOTEX	107.00	1.00	$3/A	1/8	$3/A	
2	0	0064	360	2/84	WILSON, I.	DEVON ENERGY/NYCOTEX	75.00	5.00	$3/A	1/8	$3/A	
2	0	0064	345	2/84	WOODS, HAROLD	DEVON ENERGY/NYCOTEX	40.00	5.00	$3/A	1/8	$3/A	
2	0	0065	87	3/85	APPLE, ALAN ET AL	NYCOTEX GAS	76.50	3.00	$3/A	1/8	$3/A	
2	0	0065	175	5/85	CALL, CARRIE	TEAVEE OIL AND GAS	33.00	10.00	$2/A	1/8		
2	0	0065	184	6/85	CASTO, CECIL ET AL	NYCOTEX GAS	61.00	5.00	$5/A	1/8	$5/A	
2	0	0065	232	9/85	CHAPMAN, CHARLES	TEAVEE OIL AND GAS	11.00	5.00	$2/A	1/8		
2	0	0065	148	4/85	COVERT, ARLES ET AL	NYCOTEX GAS	50.00	5.00	$5/A	1/8	$5/A	
2	0	0065	262	10/85	DAVIS, ORGA	TEAVEE OIL AND GAS	48.00	10.00	$2/A	1/8		
2	0	0065	98	3/85	FRAIL, JOHN ET AL	NYCOTEX GAS	83.00	5.00	$5/A	1/8	$5/A	
2	0	0065	117	4/85	GILLISPIE, MILORED	PENNZOIL	49.00	5.00	$1/A	1/8	$1/A	
2	0	0065	173	5/85	GLENN, FLOYD	TEAVEE OIL AND GAS	124.00	5.00	$2/A	1/8		
2	0	0065	326	12/85	HUMPHREY, GLENVILLE	CITIES SERVICE OIL AND GAS	39.00	5.00	$1/A	1/8	$1/A	
2	0	0065	42	2/85	JAQUES, CECIL	KAISER EXPLORATION AND MINING	60.00	5.00	$5/A	1/8	$5/A	
2	0	0065	245	10/85	KIEFER, THOMAS	UNION DRILLING	117.30	5.00	$2/A	1/8	$2/A	
2	0	0065	151	5/85	MELTON, JAMES	KAISER EXPLORATION AND MINING	205.00	5.00	$5/A	1/8	$5/A	
2	0	0065	82	3/85	MOBLEY, THOMAS ET AL	NYCOTEX GAS	58.75	5.00	$5/A	1/8	$5/A	
2	0	0065	55	2/85	MOLES, DAMON	NYCOTEX GAS	110.00	5.00	$5/A	1/8	$5/A	

OIL AND GAS SALES AND LEASE REPORT

R G	OI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	0	0065	230	9/85	POCA COAL LAND	CABOT OIL AND GAS	98.00	5.00	$5/A	1/8	$2/A	$2/A
2	0	0065	323	12/85	REED, D. JR.	NYCOTEX OIL AND GAS	61.00	5.00	$5/A	1/8	$5/A	
2	0	0065	236	9/85	RICHMOND, JOHN ET AL	NYCOTEX GAS	150.00	5.00	$5/A	1/8	$5/A	
2	0	0065	109	3/85	ROACH, JENNIE	TEAVEE OIL AND GAS	104.00	10.00	$2/A	1/8		
2	0	0065	254	10/85	ROGERS, HARBERT	COLUMBIA GAS TRANSMISSION	136.00	5.00	$1/A	1/8		$300/Y
2	0	0065	251	10/85	ROGERS, HARBERT	COLUMBIA GAS TRANSMISSION	10.00	5.00	$1/A	1/8		$300/Y
2	0	0065	36	2/85	ROSSI, LOUIS	KAISER ENERGY	84.00	5.00	$5/A	1/8	$5/A	
2	0	0065	31	1/85	SMITH, GEORGE	CABOT OIL AND GAS	50.00	5.00	$3/A	1/8	$3/A	$2/A
2	0	0065	234	9/85	SMITH, KEITH	TEAVEE OIL AND GAS	102.00	5.00	$2/A	1/8		
2	0	0065	196	7/85	STEVENS, VIOLET	CABOT OIL AND GAS	38.04	10.00	$5/A	1/8	$2/A	$2/A
						*** C O U N T Y T O T A L ***	9,115.88					

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	10	44	452	12/79	E. PLACIDI	AED	1.00	3.00	$1/A	1/8		
3	9	43	764	2/79	POCAHONTAS LAND	AED	317.94	5.00	$1.25/A	5/32		
3	11	44	217	8/79	RALEIGH CO. COMMISSION	AED	75.50	2.00	$1/A	1/8		
3	12	45	199	6/80	D. SEVERT	CITIES SERVICE	52.90	10.00	$1/A	1/8		
3	8	46	101	12/80	E. DANIEL	CABOT OIL & GAS CORP	457.50	5.00	$2/A	1/8		
3	5	45	596	8/80	R. SHIFLETT	CITIES SERVICE	40.00	10.00	$1/A	1/8		
3	2	46	842	7/81	C. REGGI	PEAKE OPERATING CO	106.00	2.00	$10/A	1/8		
3	9	47	401	11/81	E. LEVEY	PEAKE OPERATING CO	16.00	3.00	$5/A	1/8		
3	12	46	846	7/81	G. BRYSON	CNG PRODUCING CO	177.00	5.00	$2/A	1/8		
3	2	47	397	11/81	G.L. WILLIAMS	PEAKE OPERATING CO	26.00	3.00	$10.A	1/8		
3	11	46	494	5/81	K. COLE	VIRGINIA LAND CO	10.89	10.00	$1/A	1/8		
3	2	47	403	11/81	O. HILLS	PEAKE OPERATING CO	109.00	5.00	$5/A	1/8		
3	5	49	156	7/82	B.L. ARNOLD	CITIES SERVICE CO	25.00	5.00	$1/A	1/8		
3	9	49	429	9/82	D. DANIEL	PEAKE OPERATING CO	62.00	3.00	$5/A	1/8		
3	12	49	172	8/82	E. LUCAS	CITIES SERVICE CO	52.40	10.00	$1/A	1/8		
3	5	49	188	6/82	E.L. BOWDEN	CITIES SERVICE CO.	61.00	5.00	$1/A	1/8		
3	7	48	7	6/82	I. RICHMOND	J & J ENTERPRISES	40.00	4.00	$6/A	1/8		
3	11	49	124	6/82	S. LEHAIRE	PEAKE OPERATING CO	25.00	1.00	$5/A	1/8		
3	7	48	5	3/82	S. TODD	J & J ENTEPPRISES	20.00	4.00	$6/A	1/8		
					*** C O U N T Y T O T A L ***		1,679.13					

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	11	324	414	6/79	B. FOSTER	UNION DRILLING	74.00	3.00	$2/A	1/8		
3	16	323	482	5/79	C. AVINGTON	UNION DRILLING	106.50	2.00	$1/A	1/8		
3	16	323	431	5/79	G. AUGUST	CHESTERFIELD CORP.	100.00	2.00	$2/A	1/8		
3	11	323	402	5/79	G. JONES	UNION DRILLING	65.00	2.00	$1/A	1/8		
3	11	325	139	7/79	G. MONTI	SENECA-UPSHUR PETROLEUM	365.00	5.00	$1/A			
3	9	324	732	7/79	M. GARLOW	UNION DRILLING	90.00	5.00	$4/A	1/8		
3	16	326	411	9/79	P. FRAVISE	NRM PETROLEUM	50.00	3.00	$1/A	1/8		
3	17	333	501	10/80	D. RICOTTELLI	CHESTERFIELD CORP	17.00	3.00	$3/A	1/8		
3	9	334	301	11/80	E. CLARK	J & J ENTERPRISES	148.00	3.00	$2/A	1/8		
3	11	334	556	12/80	E. GIMMEL	SENECA-UPSHUR PETROLEUM	125.00	.00	$2/A	1/8		$3/A
3	4	334	169	11/80	J. DAHMER	PETROLEUM DEVELOPMENT	194.00	.50	$2.50/A	1/8	$3/A	$300/M
3	4	331	57	6/80	M. MONERY	HAMPSHIRE GAS	19.50	10.00	$1/A,$3/A-BONUS	1/8		$1/A
3	13	329	469	3/80	UNION NATIONAL BANK	J & J ENTERPRISES	686.24	5.00	$3/A	1/8		$.75/A
3	4	331	37	6/80	W. ARMENTROUT	HAMPSHIRE GAS	1,094.00	10.00	$1/A,$3/A-BONUS	1/8		$1/A
3	11	337	279	4/81	A. CORREINCE	CABOT OIL & GAS	107.00	5.00	$2/A	1/8		$2/A
3	13	337	523	5/81	B. WARE	PETROLEUM DEVELOPMENT	186.00	10.00	$1/A	1/8		
3	4	339	265	7/81	B. WARNER	CABOT OIL & GAS	186.00	5.00	$2/A	1/8		
3	11	338	475	6/81	D. FISHER	NRM PETROLEUM	110.50	3.00	$3/A	1/8		$3/A
3	16		.	8/81	E.V. BROSCHART	AMAX PETROLEUM	42.86	5.00	$5.02/A	1/8	$50/M	$2/A
3	2	335	704	2/81	F. STALNAKER	KEPCO	300.00	5.00	$2/A	1/8	$2/A	$3/A
3	43		.	9/81	H. THOMPSON	THE CHESTERFIELD CORPORATION	57.00	3.00	$5/A	1/8		
3	10	337	527	5/81	J. HERRON	CNG PRODUCING	49.00	5.00	$2/A	1/8		
3	16	337	80	4/81	L. PHILLIPS	ALLEGHANY LAND & MINERAL	118.00	10.00	$1/A	1/8		
3	4		.	1/81	S. CUNNINGHAM	PETROLEUM DEVELOPMENT	506.00	10.00	$2/A	1/8	$1/A	
3	11	342	557	11/81	S. SLOAN	NRM PETROLEUM	68.00	3.00	$4/A	1/8	$50/M	$4/A
3	11	345	701	4/82	C.W. RUSSELL	ALLEGHANY LAND & MINERAL	142.00	5.00	$5/A	1/8	$5/A	
3	4		.	3/82	D. ELZA	UPSHUR AGENCY	38.00	5.00	$5/A	1/8	$50/M	
3	10	343	324	1/82	E. HORMAN	MORRIS EXPLORATION	45.05	10.00	$1/A	1/8		
3	9	345	630	5/82	H. PINGLEY	CABOT OIL & GAS	30.00	5.00	$5/A	1/8		
3	2	344	379	3/82	INTERSTATE LUMBER CO	J & J ENTERPRISES	200.00	5.00	$5/A	1/8		
3	17		.	3/82	J. DANIELS	UNION DRILLING	100.00	5.00	$5/A	1/8	$5/A	
3	0	0000	0	2/82	JULIA L. DAHMER	L. D. BURKE	202.66	10.00	$2/A	1/8	$2/A	
3	0	0011	5	2/82	JULIA L. DAHMER	L. D. BURKE	500.00	10.00	$2/A	1/8	$2/A	
3	10	343	327	1/82	L. ISNER	MORRIS EXPLORATION	130.00	10.00	$1/A	1/8	$1/A	
3	11	346	671	6/82	M. BAILEY	NRM PETROLEUM	50.00	3.00	$5/A	1/8		
3	17	346	153	6/82	M. HAMMOND	ROYAL RESOURCES	75.00	10.00	$1/A	1/8		$2/A
3	11	345	638	5/82	P. MORRIS	CABOT OIL & GAS	258.00	5.00	$5/A	1/8		
3	0	0010	317	4/82	ROY AND MINNIE BOSERMAN	FMF OIL AND GAS PROPERTIES	150.00	2.00	$6/A	1/8		
3	16	347	33	7/82	T. GILLOOLY	C & P OIL	161.00	.75	$5/A	1/8		
3	2	343	501	2/82	T. HARPER	MORRIS EXPLORATION	792.10	5.00	$4.50/A	1/8		
3	11		.	6/82	Z. PARRACK	NRM PETROLEUM	31.50	3.00	$4/A	1/8	$50/M	
3	17	344	285	3/82	O. SCOTT	J & J ENTERPRISES	170.00	5.00	$5/A	1/8		
3	4	356	33	8/83	B. COOPER	HAMPSHIRE GAS	1.25	10.00		1/8		$1/A
3	10	357	448	11/83	D. HUTZLER	CHESTERFIELD ENERGY	30.00	2.00	$5/A	1/8		
3	2	353	574	6/83	G. SHURTLEFF	CNG PRODUCING CO.	150.00	10.00	$1/A	1/8		$300/M
3	0	0362	0	3/83	GEORGE S. AND ROBERTA AUGUST	FMF OIL AND GAS PROPERTIES	100.00	2.00	$6/A	1/8	$.50/A	
3	11	357	507	11/83	J. MORGAN	KEPCO	160.00	3.00	$5/A	1/8	$5/A	
3	11	357	309	10/83	M. DENT	SENECA-UPSHUR PETROLEUM	220.50	3.00	$5/A	1/8		
3	0	0362	0	5/83	NEAL E. AND EDNA M. SHOCKEY	FMF OIL AND GAS PROPERTIES	66.00	2.00	$6/A	1/8	$.75/A	

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 42-RANDOLPH

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CURRENT DATE: 04/23/86

OIL AND GAS SALES AND LEASE REPORT

R G N	DI	BOOK	DEED NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	4	357	307	10/83	O. VANDEVANDER	BEREA OIL & GAS	2.46	1.00	$5/A	1/8		
3	0	0365	0	9/83	PEGGY CHESSER HADLEY	ALAMCO	667.00	2.00	$5/A	1/8		
3	0	0363	0	6/83	REBECCA AND CHARLES HOLZ	ALLEGHENY LAND AND MINERAL	792.00	.00	$5/A	1/8		
3	0	0365	0	9/83	RICHARD H. TALBOTT, TRUSTEE	ALAMCO	667.00	.00	$5/A	1/8		
3	9	353	205	5/83	S. RADAR	UNION DRILLING	100.00	5.00	$5/A	1/8	$5/A	
3	11	353	256	5/83	W. STANLEY	CABOT OIL & GAS	275.00	3.00	$3/A	1/8		
3	0	0363	0	6/84	A. H. WARNER	BEREA OIL AND GAS CORPORATION	25.00	3.00	$5/A	1/8	$2/A	
3	0	0364	0	7/84	ALICE AND BODD MORGAN	ALAMCO	200.00	3.00	$5/A	1/8		
3	0	0010	538	9/84	ANISE WILHOTH ELLIOTT	ROYAL CORPORATION	41.00	10.00	$3/A	1/8	$1/A	$2/A
3	0	0363	7160	7/84	ANNA JANE HEDRICK	BEREA OIL AND GAS CORPORATION	19.80	5.00	$5/A	1/8	$2.5/A	$5/A
3	0	0010	528	8/84	ANNE E. SNEE	ROYAL RESOURCES	171.00	5.00	$5/A	1/8	$.30/A	$2/A
3	0	0363	7151	7/84	APOSTOLIC PENECOSTAL CHURCH	BEREA OIL AND GAS CORPORATION	.35	4.00	$285/A	1/8	$143/A	
3	0	0366	0	11/84	ARLEY GLENN AND MARTHA MOYER	ROYAL RESOURCES	13.00	5.00	$5/A	1/8	$4/A	$2/A
3	0	0011	105	9/84	ARLIE L. AND GENEVA M. ARBOGAST	ROYAL CORPORATION	204.00	5.00	$5/A	1/8	$.25/A	$2/A
3	0	0010	538	9/84	APSON AND HILDA LYKINS	ROYAL CORPORATION	53.00	3.00	$5/A	1/8	$.94/A	
3	0	0363	7150	7/84	ARTHUR AND ILDA WOLFORD	BEREA OIL AND GAS CORPORATION	1.65	4.00	$60.61/A	1/8	$30.30/A	
3	0	0000	0	10/84	ARTHUR D. AND PAULA D. CARR	BEREA OIL AND GAS	11.30	3.00	$5/A	1/8		
3	0	0011	179	9/84	ARTHUR G. AND BESSIE B. ROY	BEREA OIL AND GAS	2.00	3.00	$5/A	1/8	$25/A	
3	0	0009	722	5/84	AYHARD BLAKE COBERLY	G. B. HEFNER AND ASSOC.	2.12	5.00	$24/A	1/8	$24/A	$47/A
3	0	0000	0	10/84	BEATRICE CASAD	FMF OIL AND GAS PROPERTIES, INC.	118.00	1.00	$5/A	1/8	$.42/A	
3	0	0000	0	10/84	BEN F. AND EVELYN M. WHITE	BEREA OIL AND GAS CORPORATION	1.00	3.00	$100/A	1/8	$50/A	
3	0	0364	0	9/84	BERT B. AND ELLEN R. BEEN	UNION DRILLING	48.00	3.00	$5/A	1/8		
3	0	0010	528	9/84	BERYL EDGELL	ROYAL RESOURCES	139.00	5.00	$5/A	1/8	$.36/A	$2/A
3	0	0363	7146	7/84	BESSIE V. COOPER	BEREA OIL AND GAS CORPORATION	1.80	3.00	$55.56/A	1/8	$27.78/A	
3	0	0011	105	10/84	BURLEY AND RACHEL WOODS	ROYAL CORPORATION	60.00	5.00	$5/A	1/8	$.83/A	$2/A
3	0	0365	0	10/84	BURLEY AND RACHEL WOODS	ROYAL CORPORATION	66.00	5.00	$5/A	1/8	$.76/A	$2/A
3	0	0010	538	9/84	CALVIN C. AND FREDONIA M. ISNER	ROYAL CORPORATION	84.00	5.00	$5/A	1/8	$.60/A	$2/A
3	0	0362	0	5/84	CALVIN R. AND MARGARET W. BENNETT	KEPCO	53.00	5.00	$5/A	1/8		
3	0	0011	179	10/84	CARL AND JOYCE VARNER	BEREA OIL AND GAS CORPORATION	.73	3.00	$137/A	1/8	$68.49/A	
3	0	0363	7156	8/84	CARL AND SHIRLEY YOKUM	BEREA OIL AND GAS CORPORATION	222.00	3.00	$10/A	1/8	$.23/A	$10/A
3	0	0366	0	11/84	CARL E. AND IVA O. SHREVES	ROYAL RESOURCES	25.00	10.00	$5/A	1/8	$2/A	$2/A
3	0	0363	0	8/84	CARL G. AND JANET C. SPESSERT	ALAMCO	136.00	3.00	$5/A	1/8		
5	0	0011	105	11/84	CARL W. AND YULON C. ISNER	ROYAL CORPORATION	61.00	5.00	$5/A	1/8	$1/A	$2/A
3	0	0010	492	9/84	CECIL W. KITTLE, ET AL	B AND B LAND SERVICES COMPANY	27.50	3.00	$5/A	1/8	$5/A	
3	0	0010	492	9/84	CECIL W. KITTLE, ETAL	B AND B LAND SERVICE COMPANY	55.00	3.00	$5/A	1/8	$5/A	
3	0	0363	7141	6/84	CHARLES ARLIOGAST	BEREA OIL AND GAS CORPORATION	1.00	4.00	$100/A	1/8	$50/A	$100/A
3	0	0000	0	9/84	CHUCK O. AND ROSA L. DULANEY	SENECA-UPSHUR PETROLEUM	17.00	.00	$5/A	1/8		
3	0	0011	179	9/84	CLARENCE AND NELLIE KISAMORE	BEREA OIL AND GAS	.75	3.00	$133/A	1/8	$67/A	
3	0	0367	0	9/84	DAN R. BAKER	ALAMCO, INC.	792.00	5.00	$5/A	1/8		
3	0	0000	0	6/84	DAVID LEE WHITENER	ALAMCO	100.00	1.00	$7/A	1/8		
3	0	0011	179	5/84	DAVIS ELKINS, ET AL	BEREA OIL AND GAS	6,008.61	3.00	$7/A	1/8	$7/A	
3	0	0011	179	5/84	DAVIS ELKINS, ET AL	BEREA OIL AND GAS	104.00	3.00	$7/A	1/8	$7/A	
3	0	0365	0	5/84	DAVIS ELKINS, ET AL	BEREA OIL AND GAS	1,779.00	3.00	$7/A	1/8	$7/A	
3	0	0363	7166	7/84	DESSIE FOX	BEREA OIL AND GAS CORPORATION	6.00	4.00	$16.67/A	1/8	$8.33/A	
3	0	0365	0	10/84	DONALD W. AND ELVIRA Y. KELLER	FMF OIL AND GAS PROPERTIES	21.93	1.00	$5/A	1/8		
3	0	0364	0	10/84	DONNIS J. AND FRANCIS W. BEEN	ALAMCO, INC.	60.25	5.00	$5/A	1/8		
3	0	0011	105	11/84	DOROTHY J. AND WAYNE E. YOUTZ	ROYAL CORPORATION	318.00	5.00	$5/A	1/8		
3	0	0010	538	9/84	DOROTHY SCHOONOVER	ROYAL CORPORATION	45.00	5.00	$5/A	1/8	$1.11/A	$2/A
3	0	0000	0	10/84	DOROTHY W. PIGOTT, ET AL	HYDROCARBON ENERGIES	886.00	10.00	$4/A	1/8		

OIL AND GAS SALES AND LEASE REPORT

R	G	DI	DEED BOOK	PAGE NO.	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	0	0000	0		11/84	EDGAR AND JULIA A. VARNER	ROYAL RESOURCES	94.00	5.00	$5/A	1/8	$.50/A	$2/A
3	0	0366	0		11/84	EDGAR AND JULIA L. VARNER	CNG DEVELOPMENT	48.00	5.00	$2/A	1/8		
3	0	0365	0		10/84	EDWARD C. KING	FMF OIL AND GAS PROPERTIES, INC.	118.00	1.00	$5/A	1/8	$.42/A	
3	0	0363	0		7/84	EDYTHE G. OURDACKER, ET AL	FMF OIL AND GAS PROPERTIES	47.00	2.00	$6/A	1/8	$1.06/A	
3	0	0010	530		9/84	ELEANOR V. TAYLOR	ROYAL CORPORATION	191.00	5.00	$5/A	1/8	$.26/A	$2/A
3	0	0367	0		9/84	ELIZABETH YOKUM	ALAMCO, INC.	792.00	5.00	$5/A	1/8		
3	0	0367	0		10/84	ERIC B. FAULKNER	ALAMCO, INC.	792.00	5.00	$5/A	1/8		
3	0	0010	513		8/84	ETHEL A. HEDRICK	ROYAL CORPORATION	13.00	5.00	$3/A	1/8	$4/A	$2/A
3	0	0010	513		8/84	EVAN C. AND JUDITH E. BELL	ROYAL CORPORATION	197.00	5.00	$5/A	1/8	$.25/A	$2/A
3	0	0364	0		9/84	FILLMORE AND KATHLEEN KINGREN	KEPCO, INC.	250.00	5.00	$5/A	1/8		
3	0	0363	0		7/84	FLOYD A. MULLENEX	BEREA OIL AND GAS CORPORATION	1.00	3.00	$100/A	1/8	$50/A	
3	0	0000	0		6/84	FOREST H. AND VIRGINIA P. BOWERS	FMF OIL AND GAS PROPERTIES	44.00	2.00	$6/A	1/8	$1/A	
3	0	0363	7153		7/84	FREDRICK AND PAMELA PENNINGTON	BEREA OIL AND GAS CORPORATION	20.00	4.00	$5/A	1/8	$2.5/A	
3	0	0365	0		10/84	GENEVIEVE AND LEONARD DAVIS	FMF OIL AND GAS PROPERTIES	11.86	1.00	$5/A	1/8		
3	0	0010	306		4/84	GEORGE AND DAISY CURRENCE	FMF OIL AND GAS PROPERTIES	53.00	3.00	$1.5/A	1/8		
3	0	0363	7140		6/84	GEORGE AND MARTHA TETER	BEREA OIL AND GAS CORPORATION	1.50	4.00	$66.67/A	1/8	$33/A	$66.67/A
3	0	0363	7143		6/84	GEORGE AND MARTHA TETER	BEREA OIL AND GAS CORPORATION	2.00	4.00	$50/A	1/8	$25/A	$50/A
3	0	0000	0		10/84	GEORGE N. AND MARTHA C. WILSON	UNION DRILLING	270.77	5.00	$5/A	1/8		
3	0	0010	538		9/84	GLENNA J. AND VINCENT L. SHURTLEFF	ROYAL CORPORATION	72.00	5.00	$5/A	1/8	$.70/A	$2/A
3	0	0009	722		5/84	GROVER T. AND LOUISE LOUK	G. B. HEFNER AND ASSOC.	13.00	5.00	$8/A	1/8	$4/A	$15/A
3	0	0366	0		12/84	GUY AND MARY ELLEN DICE	BEREA OIL AND GAS	70.00	5.00	$10/A	1/8	$.70/A	
3	0	0366	0		12/84	GUY AND MARY ELLEN DICE	BEREA OIL AND GAS	1.00	5.00	$10/A	1/8	$50/A	
3	0	0011	179		9/84	HANSEL AND RUTH BENNETT	BEREA OIL AND GAS	3.23	3.00	$31/A	1/8	$15/A	
3	0	0366	0		11/84	HARMON C. AND JORIE J. HINKLE	BEREA OIL AND GAS	220.00	5.00	$5/A	1/8	$.20/A	
3	0	0011	50		9/84	HAROLD AND JOYCE HASSIG	ROYAL CORPORATION	32.00	5.00	$5/A	1/8	$1.60/A	$2/A
3	0	0362	0		6/84	HARRY V. AND MARY V. BOOTH	UNION DRILLING	67.00	2.00	$5/A	1/8	$5/A	
3	0	0366	0		12/84	HARRY W. ARGENTROUT, ET AL	HYDROCARBON ENERGIES	162.75	2.00	$2/A	1/8		
3	0	0010	513		9/84	HARTSEL W. AND MARY LIKENS	ROYAL CORPORATION	18.00	3.00	$5/A	1/8	$3/A	
3	0	0010	513		9/84	HARTSEL W. AND MARY LIKENS	ROYAL CORPORATION	36.00	3.00	$5/A	1/8	$1/A	
3	0	0010	513		9/84	HARTSEL W. AND MARY LIKENS	ROYAL CORPORATION	136.00	3.00	$5/A	1/8	$.37/A	
3	0	0363	0		7/84	HARVEY J. AND BONNIE L. VANCE	BEREA OIL AND GAS	1.60	3.00	$62.5/A	1/8	$31.25/A	
3	0	0000	0		8/84	HENRY AND ANNA CRAVEN	FMF OIL AND GAS PROPERTIES	92.30	1.00	$5/A	1/8	$.52/A	$5/A
3	0	0363	7155		6/84	HERBERT AND HELEN BENNETT	BEREA OIL AND GAS CORPORATION	6.00	3.00	$16.67/A	1/8	$8.33/A	$16.67/A
3	0	0000	0		10/84	HERBERT C. AND VICTORIA J. BENNETT	BEREA OIL AND GAS	30.70	3.00	$5/A	1/8	$2/A	
3	0	0000	0		11/84	HILDA E. SNYDER, ET AL	BEREA OIL AND GAS CORPORATION	545.00	1.00	$7.5/A	1/8		
3	0	0010	513		8/84	HOMER L. HAMRICK	ROYAL CORPORATION	10.50	5.00	$5/A	1/8	$5/A	$2/A
3	0	0363	7139		6/84	HUBERT AND LOLA HEDRICK	BEREA OIL AND GAS CORPORATION	175.00	3.00	$5/A	1/8	$.29/A	$5/A
3	0	0363	7152		7/84	IRA J. VANDEVENDER	BEREA OIL AND GAS CORPORATION	1.00	4.00	$100/A	1/8	$50/A	
3	0	0362	0		7/84	ITIS G. AND W. W. NELSON	HAMPSHIRE GAS	5.00	3.00	$1/A	1/8	$1/A	
3	0	0010	513		9/84	J. HERMAN AND DORIS ISNER	ROYAL CORPORATION	327.00	5.00	$5/A	1/8	$.15/A	
3	0	0367	0		12/84	JACQUELINE D. ANDERSON	ALAMCO, INC.	792.00	5.00	$5/A	1/8		
3	0	0011	179		9/84	JAMES A. AND BARBARA JO LAWRENCE	BEREA OIL AND GAS	20.23	5.00	$5/A	1/8	$2/A	
3	0	0011	179		10/84	JAMES AND PORTIA DEAN	BEREA OIL AND GAS CORPORATION	23.00	3.00	$10/A	1/8	$2.17/A	
3	0	0000	0		5/84	JAMES B. ANDREWS	ALAMCO	37.50	3.00	$5/A	1/8		
3	0	0362	0		5/84	JAMES B. ANDREWS	ALAMCO	79.00	3.00	$5/A	1/8		
3	0	0362	0		5/84	JAMES B. ANDREWS	ALAMCO	180.00	3.00	$5/A	1/8		
3	0	0362	0		5/84	JAMES B. ANDREWS	ALAMCO	210.00	3.00	$5/A	1/8		
3	0	0011	45		11/84	JAMES H. AND VIOLET A. SITES	ROYAL RESOURCES	223.00	5.00	$6/A	1/8	$.22/A	$2/A
3	0	0363	0		7/84	JAMES R. HARMAN	BEREA OIL AND GAS	1.60	3.00	$62.5/A	1/8	$31.25/A	

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3	0	0010	513	9/84	JAMES RALPH WHEELER	ROYAL CORPORATION	65.00	5.00	$5/A	1/8	$.77/A	$2/A
3	0	0000	0	8/84	JEARL J. AND BETTY HALLOW	BEREA OIL AND GAS	1.00	3.00	$200/A	1/8	$50/A	
3	0	0011	105	10/84	JERRY AND MARY COBERLY	ROYAL CORPORATION	743.00	5.00	$5/A	1/8		$2/A
3	0	0011	105	10/84	JERRY AND MARY COBERLY	ROYAL CORPORATION	743.00	5.00	$5/A	1/8	$.06/A	$2/A
3	0	0000	0	9/84	*JERRY M. AND MARY C. COBERLY*	*ROYAL CORPORATION*	20.00	5.00	$5/A	1/8	$2.5/A	$2/A
3	0	0000	0	6/84	JESSIE WHITE	HAMPSHIRE GAS	15.00	10.00	$1/A	1/8		
3	0	0000	0	6/84	JOB METHODIST CHURCH	BEREA OIL AND GAS	1.00	4.00	$100/A	1/8	$50/A	
3	0	0362	0	6/84	JOE REDA AND GLADYS REDA	UNION DRILLING	375.00	5.00	$5/A	1/8		
3	0	0363	0	8/84	JOE REDA AND GLADYS REDA	UNION DRILLING	261.00	5.00	$5/A	1/8		
3	0	0363	0	8/84	JOE REDA AND GLADYS REDA	UNION DRILLING	22.00	5.00	$5/A	1/8		
3	0	0000	0	7/84	*JOHN AND PATRICA LANE*	*BEREA OIL AND GAS CORPORATION*	48.00	3.00	$2.08/A	1/8	$1.04/A	
3	0	0363	7157	6/84	JOHN AND RUTH MULLENEX	BEREA OIL AND GAS CORPORATION	94.00	3.00	$10/A	1/8	$.93/A	$10/A
3	0	0010	528	8/84	JOHN J. AND LILY C. MORGAN	ROYAL RESOURCES	52.00	3.00	$5/A	1/8	$1/A	$2/A
3	0	0000	0	11/84	JOHN S. HARMAN	BEREA OIL AND GAS CORPORATION	95.00	5.00	$5/A	1/8		
3	0	3681	1766	10/84	JOHN W. AND RUTH D. MULLENNEY	BEREA OIL AND GAS CORPORATION	25.80	3.00	$10/A	1/8	$1.94/A	
3	0	0362	0	6/84	JOSEPH BURKE	ALAMCO, INC.	100.00	1.00	$6/A	1/8		
3	0	0000	0	8/84	*JOSEPH M. AND ROBERTA C. QUATTLEBAUM*	*BEREA OIL AND GAS*	198.00	2.00	$10/A	1/8	$.25/A	
3	0	0365	0	10/84	JOSEPH O. AND CAROLYN C. HARPER	BEREA OIL AND GAS	12.00	3.00	$5/A	1/8	$4/A	
3	0	0000	0	10/84	JOSEPH W. AND DONNA G. TETER	ROYAL CORPORATION	160.00	5.00	$5/A	1/8		
3	0	0011	93	11/84	JULIA L. DAHMER	L. D. BURKE	266.50	10.00	$2/A	1/8	$2/A	
3	0	0011	101	11/84	JULIA L. DAHMER	L. D. BURKE	196.50	10.00	$2/A	1/8	$2/A	
3	0	0365	0	11/84	JUNE B. MYLES	ALAMCO	68.20	5.00	$7/A	1/8		
3	0	0365	0	11/84	*JUNE MYLES*	*ALAMCO*	43.00	5.00	$7/A	1/8		
3	0	0363	7142	7/84	JUNIOR AND PEGGY KIMBLE	BEREA OIL AND GAS CORPORATION	1.00	3.00	$100/A	1/8	$50/A	
3	0	0364	0	9/84	JUNIOR D. AND WANDA SUMMERFIELD	ALAMCO	99.00	2.00	$5/A	1/8		
3	0	0363	0	7/84	KATHY AND M. L. KETTERMAN, ET AL	BEREA OIL AND GAS	102.00	5.00	$10/A	1/8	$.50/A	
3	0	0364	0	9/84	L. H. AND LEONA M. SOVEREEN	ALAMCO	60.00	3.00	$5/A	1/8		
3	0	0000	0	9/84	LAKEN H. AND MARY ANN WOLFORD	BEREA OIL AND GAS	.80	3.00	$125/A	1/8	$63/A	
3	0	0366	0	11/84	*LARRY A. AND BARBARA L. MAHONEY*	*ROYAL RESOURCES*	34.00	10.00	$5/A	1/8	$1/A	$2/A
3	0	0365	0	9/84	LAURA K. AND DANIEL F. RADICE	CNG DEVELOPMENT	132.00	5.00	$2/A	1/8		
3	0	0010	513	9/84	LAWRENCE B. AND SUE C. SPENCER	ROYAL CORPORATION	90.00	5.00	$5/A	1/8	$.55/A	$2/A
3	0	0010	528	8/84	LENOYNE L. ROTH	ROYAL RESOURCES	100.00	5.00	$3/A	1/8	$.50/A	$2/A
3	0	0011	179	10/84	LEO CHARLES AND NANCY LOU PENNINGTON	BEREA OIL AND GAS	193.00	3.00	$7.5/A	1/8	$7.5/A	
3	0	0365	0	10/84	LESTER L. VARNER, ET AL	ROYAL CORPORATION	12.00	5.00	$5/A	1/8	$4.16/A	
3	0	0000	0	10/84	*LESTER L.VARNER, ET AL*	*ROYAL CORPORATION*	56.00	5.00	$5/A	1/8	$.89/A	
3	0	0000	0	10/84	LESTER LEE VARNER, ET AL	ROYAL CORPORATION	31.00	5.00	$5/A	1/8		
3	0	0366	0	11/84	LESTER R. AND BETTY J. WHITE	BEREA OIL AND GAS	35.00	5.00	$5/A	1/8	$1/A	
3	0	0010	513	9/84	LOREN R. AND DOROTHY M. CHENOWETH	ROYAL CORPORATION	99.00	5.00	$5/A	1/8	$.50/A	$2/A
3	0	0000	0	11/84	LOREN R. AND MARY F. WISEMAN	ROYAL RESOURCES	42.00	5.00	$5/A	1/8	$1/A	$2/A
3	0	0011	97	9/84	LORRAINE AND MARK BURKE	L. D. BURKE	178.11	10.00	$2/A	1/8	$2/A	
3	0	0363	0	8/84	*MADGE AND JOHN MCGRAW*	*UNION DRILLING*	14.75	5.00	$5/A	1/8		
3	0	0367	0	9/84	MARGARET C. BAKER	ALAMCO, INC.	792.00	5.00	$5/A	1/8		
3	0	0011	45	9/84	MARGARET F. ETHRIDGE	ROYAL RESOURCES	792.10	5.00	$5/A	1/8	$.06/A	$2/A
3	0	0000	0	10/84	MARY AGNES CARR	BEREA OIL AND GAS CORPORATION	1.00	3.00	$100/A	1/8	$50/A	
3	0	0367	0	10/84	MARY B. GORDON	ALAMCO, INC.	792.00	5.00	$5/A	1/8		
3	0	0000	0	9/84	MARY G. HARD	SPENCER-UPSHUR PETROLEUM COMPANY	43.50	.00	$5/A			
3	0	0363	0	8/84	*MARY MCKEE*	*UNION DRILLING*	14.75	5.00	$5/A	1/8		
3	0	0363	7145	7/84	MICHAEL AND EVONNIE BENNETT	BEREA OIL AND GAS CORPORATION	29.00	4.00	$5/A	1/8	$1.72/A	
3	0	0363	7154	6/84	MICHAEL AND LORA MULLENEX	BEREA OIL AND GAS CORPORATION	70.00	3.00	$6/A	1/8	$.71/A	

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3	0	0363	7144	7/84	MICHAEL R. BENNETT, ET AL	BEREA OIL AND GAS CORPORATION	2.00	4.00	$50/A	1/8	$25/A	$50/A
3	0	0365	0	10/84	MONGOLD LUMBER CO.	ALAMCO	132.00	2.00	$5/A	1/8		
3	0	0000	0	7/84	MOUNTAIN HOME, INC.	BEREA OIL AND GAS CORPORATION	4.65	3.00	$21.5/A	1/8	$10.75/A	
3	0	0000	0	11/84	MYLES LUMBER COMPANY	ALAMCO	35.47	5.00	$7/A	1/8		
3	0	0365	0	11/84	MYLES LUMBER COMPANY	ALAMCO, INC.	15.38	5.00	$7/A	1/8		
3	0	0000	0	12/84	NEAL C. AND ELIZABETH A. ARNOLD	UNION DRILLING	50.00	5.00	$5/A	1/8		
3	0	0362	0	5/84	NEAL E. AND EDNA M. SHOCKEY	FMF OIL AND GAS PROPERTIES	50.00	2.00	$6/A	1/8	$1/A	
3	0	0364	0	7/84	NELSON SHANNON, ET AL	ALAMCO	144.00	3.00	$5/A	1/8		
3	0	3681	1704	8/84	OAKEY A. SMITH, ET AL	CNG DEVELOPMENT COMPANY	135.25	10.00	$2/A	1/8		
3	0	0011	179	10/84	OPAL MULLENNEX	BEREA OIL AND GAS CORPORATION	380.00	3.00	$10/A	1/8		
3	0	0363	0	8/84	PATSY AND MARY TRAVISE	ALAMCO	51.00	2.00	$5/A	1/8		
3	0	0365	0	10/84	PAUL EDWARD AND ESTHER COOPER	BEREA OIL AND GAS	421.00	1.00	$7.5/A	1/8	$7.5/A	
3	0	0000	0	3/84	PEGGY CHESSER HADLEY	FMF OIL AND GAS PROPERTIES	38.17	2.00	$10/A	1/8	$1.31/A	$10/A
3	0	0000	0	9/84	PRESTON G. CUTRIGHT, ET AL	ROYAL CORPORATION	53.00	3.00	$5/A	1/8	$.94/A	$2/A
3	0	0363	7147	7/84	QUENTIN PENNINGTON	BEREA OIL AND GAS CORPORATION	1.25	3.00	$80/A	1/8	$40/A	
3	0	0000	0	7/84	R. F. TALBOTT, ET AL	FMF OIL AND GAS PROPERTIES	47.00	2.00	$6/A	1/8	$1.06/A	$6/A
3	0	0362	0	6/84	R. K. TALBOTT	FMF OIL AND GAS PROPERTIES	47.00	2.00	$6/A	1/8	$1/A	$6/A
3	0	0365	0	10/84	RANDE D. AND IVY M. SUMMERFIELD	ALAMCO	30.00	1.00	$5/A	1/8		
3	0	0000	0	5/84	RANDOLPH AND LENORA BACHMAN	UNION DRILLING, INC.	50.00	2.00	$5/A	1/8	$5/A	
3	0	0363	7161	7/84	RICHARD AND OLIVIA VANCE	BEREA OIL AND GAS CORPORATION	1.00	4.00	$100/A	1/8	$50/A	
3	0	3681	1703	10/84	RICHARD AND SHEILA CRIM	CNG DEVELOPMENT COMPANY	39.25	5.00	$2/A	1/8		
3	0	0011	179	8/84	RICHARD BLIZZARD, ET AL	BEREA OIL AND GAS	45.88	5.00	$5/A	1/8	$1/A	
3	0	0010	538	10/84	RICHARD D. EARLE	ROYAL CORPORATION	108.00	5.00	$7/A	1/8	$.47/A	
3	0	0010	538	10/84	RICHARD D. EARLE	ROYAL CORPORATION	317.00	5.00	$7/A	1/8	$.16/A	
3	0	0000	0	6/84	RICHARD H. AND GRETTA M. WAMSLEY	UNION DRILLING	90.00	5.00	$5/A	1/8		
3	0	0000	0	10/84	RILEY C. AND MABLE M. HEDRICK	BEREA OIL AND GAS	130.00	5.00	$5/A	1/8		
3	0	0365	0	10/84	ROBERT AND HELEN BINGMAN	FMF OIL AND GAS PROPERTIES, INC.	11.86	1.00	$5/A	1/8	$4.21/A	
3	0	0011	179	10/84	ROBERT AND PATRICIA HALLOW	BEREA OIL AND GAS CORPORATION	1.16	3.00	$86.21/A	1/8	$43.10/A	
3	0	0365	0	10/84	ROBERT E. AND ANN G. MAXWELL	ALAMCO	95.75	1.00	$5/A	1/8		
3	0	0367	0	10/84	ROBERT E. BURRIS	ALAMCO, INC.	792.00	5.00	$5/A	1/8		
3	0	0365	0	9/84	ROBERT J. AND DORA J. HARMAN	BEREA OIL AND GAS	11.29	3.00	$9/A	1/8	$4/A	
3	0	0363	0	7/84	ROBERT J. HARMAN	BEREA OIL AND GAS	1.54	3.00	$65/A	1/8	$32/A	
3	0	0365	0	9/84	ROBERT J. HARMAN	BEREA OIL AND GAS	3.00	3.00	$33/A	1/8	$17/A	
3	0	0363	0	7/84	ROBERT J. HARMON	BEREA OIL AND GAS	2.50	3.00	$40/A	1/8	$20/A	
3	0	0366	0	12/84	ROBERT M. COOPER	BEREA OIL AND GAS	70.00	5.00	$10/A	1/8	$.70/A	
3	0	0010	513	8/84	ROONAN M. AND GOLDIE L. RAINES	ROYAL CORPORATION	35.00	5.00	$5/A	1/8	$1/A	$2/A
3	0	0000	0	11/84	ROGER D. AND EMMA R. ROY	BEREA OIL AND GAS	9.24	1.00	$7/A	1/8	$5/A	
3	0	0000	0	10/84	ROGER G. AND FAE M. FUSSELL	UNION DRILLING, INC.	40.00	5.00	$5/A	1/8		
3	0	0362	0	7/84	ROSIE A. AND CODY KETTERMAN	ALAMCO	180.00	2.00	$5/A	1/8		
3	0	0000	0	9/84	ROY AND GERALDINE WATTS	BEREA OIL AND GAS CORPORATION	.69	1.00	$10/A	1/8	$72.46/A	
3	0	0000	0	12/84	ROY O. AND LUCILLE P. MORRIS	FMF OIL AND GAS PROPERTIES	97.64	2.00	$5/A	1/8		
3	0	0000	0	7/84	RUSSELL AND ETHEL LONG	BEREA OIL AND GAS CORPORATION	92.50	1.00	$20/A	1/8	$20/A	
3	0	0362	0	6/84	SAMUEL AND MARGARET BUCHER	HAMPSHIRE GAS	12.40	5.00	$5/A	1/8	$5/A	
3	0	0363	7148	7/84	SAMUEL AND MARGARET BUCHER	BEREA OIL AND GAS CORPORATION	.75	3.00	$133/A	1/8	$66.67/A	
3	0	0011	179	7/84	SHAKE-N-BURGER, INC.	BEREA OIL AND GAS	4.00	3.00	$50/A	1/8	$12.5/A	
3	0	0000	0	8/84	SIBERT LANDS, INC.	BEREA OIL AND GAS	198.00	2.00	$10/A	1/8	$.25/A	
3	0	0010	513	8/84	SILAS C. MCQUAIN	ROYAL CORPORATION	30.00	5.00	$5/A	1/8	$2/A	$2/A
3	0	0010	513	8/84	SUSIE A. BRENNALT	ROYAL CORPORATION	29.00	5.00	$3/A	1/8	$2/A	$2/A
3	0	0000	0	9/84	TED HARPER	ROYAL CORPORATION	111.00	5.00	$5/A	1/8	$.45/A	$2/A

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3	0	0011	45	9/84	TED HARPER	ROYAL RESOURCES	792.10	5.00	$5/A	1/8	$.06/A	$2/A
3	0	0010	538	9/84	THAD HEDRICK	ROYAL CORPORATION	70.00	5.00	$5/A	1/8	$.70/A	
3	0	0362	0	5/84	THE RANDOLPH COUNTY COMMISSION	CITIES SERVICE OIL AND GAS	148.34	3.00	$1/A	1/8	$1/A	
3	0	0010	513	9/84	THELMA L. LIKENS	ROYAL CORPORATION	16.00	3.00	$5/A	1/8	$3/A	
3	0	0363	7158	6/84	TIMOTHY AND ROSE ARBOGAST	BEREA OIL AND GAS CORPORATION	1.02	3.00	$98/A	1/8	$49/A	$98/A
3	0	0011	179	9/84	TROY AND RUTH ANN LONG	BEREA OIL AND GAS	5.02	3.00	$20/A	1/8	$10/A	
3	0	0011	179	9/84	TROY AND RUTH ANN LONG	BEREA OIL AND GAS	4.57	3.00	$22/A	1/8	$11/A	
3	0	0363	0	8/84	TROY G. AND GLADYS M. WEBLEY	ROYAL RESOURCES	49.00	5.00	$5/A	1/8	$1/A	$2/A
3	0	0011	45	9/84	TRUSTEES OF DAVIS AND ELKINS	ROYAL RESOURCES	792.10	5.00	$5/A	1/8	$.13/A	$2/A
3	0	0363	7159	6/84	VIRGIE AND JOHN GROGG	BEREA OIL AND GAS CORPORATION	1.00	3.00	$100/A	1/8	$50/A	$100/A
3	0	0000	0	9/84	VIRGINIA SATTERFIELD, ET AL	BEREA OIL AND GAS	.50	3.00	$200/A	1/8	$100/A	
3	0	0000	0	7/84	VIRGINIA WARD ALLEN	FMF OIL AND GAS PROPERTIES	28.50	1.00	$6/A	1/8	$6.33/A	
3	0	0000	0	11/84	W. ADRIAN SAUVAGEOT	UNION DRILLING, INC.	3.69	5.00	$5/A	1/8		
3	0	0000	0	9/84	W. L. AND SUSAN ANN SCHNIDLEN	ROYAL RESOURCES	68.00	5.00	$5/A	1/8		
3	0	0000	0	9/84	WANDA L. HUNTER	BEREA OIL AND GAS CORPORATION	1.30	5.00	$76.92/A	1/8	$38.46/A	
3	0	0000	0	9/84	WARD AND ANGES V. SPONAUGLE	BEREA OIL AND GAS	.75	3.00	$133/A	1/8	$67/A	
3	0	0363	7163	7/84	WARREN AND ERMA HEDRICK	BEREA OIL AND GAS CORPORATION	1.49	3.00	$67.11	1/8	$33.56/A	
3	0	0363	7162	7/84	WARREN AND ERMA HEDRICK	BEREA OIL AND GAS CORPORATION	19.00	3.00	$5.26	1/8	$2.63/A	
3	0	0363	7165	7/84	WARREN AND ERMA HEDRICK	BEREA OIL AND GAS CORPORATION	34.61	3.00	$5.06/A	1/8	$1.44/A	
3	0	0011	105	11/84	WAYNE AND DOROTHY YOUTZ	*ROYAL CORPORATION*	318.00	5.00	$5/A	1/8		
3	0	0011	45	11/84	WEST VIRGINIA CORPORATION	ROYAL RESOURCES	77.00	5.00	$5/A	1/8	$.65/A	$2/A
3	0	0011	179	8/84	WILBERT D. AND ANNA M. HICK	BEREA OIL AND GAS	39.00	3.00	$5/A	1/8	$1/A	
3	0	0000	0	10/84	WILDO AND ANDREW ANDERSON	FMF OIL AND GAS PROPERTIES, INC.	118.00	1.00	$5/A	1/8	$.42/A	
3	0	0000	0	9/84	WILLIAM AND BEVERLY ARMENTROUT	ROYAL CORPORATION	44.00	5.00	$5/A	1/8	$1.14/A	$2/A
3	0	0000	0	11/84	*WILLIAM L. EDMOND, ET AL*	*UNION DRILLING*	211.00	5.00	$5/A	1/8		
3	0	0367	0	11/84	WILLIAM M. AND ELIZABETH D. WOLFE	ALAMCO, INC.	792.00	5.00	$5/A	1/8		
3	0	0363	7167	7/84	WILLIS PENNINGTON	BEREA OIL AND GAS CORPORATION	10.00	3.00	$10/A	1/8	$5/A	
3	0	0363	7149	7/84	WILMOTH AND SANDRA COOPER	BEREA OIL AND GAS CORPORATION	2.57	3.00	$38.91/A	1/8	$19.46/A	
3	0	0000	0	10/84	ZETTIE WOLFORD	BEREA OIL AND GAS CORPORATION	.79	3.00	$127/A	1/8	$63.29/A	
3	0	0000	0	4/85	ANNA C. AND CARL MOORE	CNG DEVELOPMENT	14.00	7.00	$2/A	1/8		
3	0	3681	1759	2/85	ANNA MAIVE KISAMORE	BEREA OIL AND GAS CORPORATION	10.00	3.00	$10/A	1/8	$5/A	
3	0	3681	1762	3/85	ARDEN D. AND LYNDA S. HUFFMAN	BEREA OIL AND GAS CORPORATION	.96	1.00	$1/A	1/8	$1/A	
3	0	3681	1761	2/85	BARTH AND ALVA E. MCDONALD	BEREA OIL AND GAS CORPORATION	67.00	2.00	$20/A	1/8	$.75/A	
3	0	0001	1132	1/85	BERT D. AND WANDA R. THOMPSON	CNG DEVELOPMENT COMPANY	13.00	2.00	$2/A	1/8		
3	0	0000	0	2/85	BLANCHE EDMOND	FMF OIL AND GAS PROPERTIES	21.56	3.00	$5/A	1/8		$5/A
3	0	0000	0	2/85	CARL SCHOONOVER	CNG DEVELOPMENT	8.00	7.00	$2/A	1/8		
3	0	0001	1130	1/85	CHARLES H. AND MINNIE L. MEADOWS	CNG DEVELOPMENT COMPANY	7.00	3.00	$2/A	1/8		
3	0	0001	1136	1/85	CHARLES S. AND VIEVA M. WARD	CNG DEVELOPMENT COMPANY	25.00	3.00	$2/A	1/8		
3	0	0001	1139	1/85	EDSEL L. AND MARY G. LUCAS	CNG DEVELOPMENT COMPANY	86.00	3.00	$2/A	1/8		
3	0	3681	1701	3/85	EUGENE H. AND MARY D. SMITH, JR.	CNG DEVELOPMENT COMPANY	10.00	7.00	$2/A	1/8		
3	0	3681	1765	1/85	EVERETT E. BAGGERLY	BEREA OIL AND GAS CORPORATION	7.50	2.00	$10/A	1/8	$6.67/A	
3	0	3681	1764	3/85	FORREST G. AND FANNIE JUDY	BEREA OIL AND GAS CORPORATION	.65	1.00	$1/A	1/8	$1/A	
3	0	0000	0	3/85	GEORGE AND DELSEY KNILEY	CNG DEVELOPMENT COMPANY	16.00	7.00	$2/A	1/8		
3	0	0001	1137	1/85	GEORGE V. AND THILA PLANGER	CNG DEVELOPMENT COMPANY	103.00	3.00	$2/A	1/8		
3	0	0000	0	2/85	GLENN R. AND LOUISE PHILLIPS	FMF OIL AND GAS PROPERTIES	16.50	1.00	$10/A	1/8	$.33/A	
3	0	0000	0	2/85	GLENVIL AND MELANIE RATLIFF	FMF OIL AND GAS PROPERTIES	5.00	1.00	$6/A	1/8	$10/A	$6/A
3	0	0001	1135	1/85	HERMAN G. AND DOROTHY I. WEESE	CNG DEVELOPMENT COMPANY	7.00	3.00	$2/A	1/8		
3	0	3681	1696	2/85	HOWARD AND WANDA HARSTILLER	CNG DEVELOPMENT COMPANY	132.00	7.00	$2/A	1/8		
3	0	0000	0	4/85	IVAN A. AND MARY H. TAYLOR	CNG DEVELOPMENT	17.00	7.00	$2/A	1/8		

OIL AND GAS SALES AND LEASE REPORT

R G N	OI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	0	3681	1700	2/85	JASPER TENNEY	CNG DEVELOPMENT COMPANY	293.00	3.00	$2/A	1/8		
3	0	0000	0	4/85	JEFF AND PHYLLIS ARBOGAST	CNG DEVELOPMENT	15.00	7.00	$2/A	1/8		
3	0	0368	0	2/85	JOHN L. AND HAZEL L. SUTTON	KEPCO, INC.	177.00	3.00	$5/A	1/8		$3/A
3	0	3681	1699	2/85	JOHN M. AND MIUOUG THAYER	CNG DEVELOPMENT COMPANY	33.00	7.00	$2/A	1/8		
3	0	0367	0	1/85	JURD AND FLOSSIE LOUK	CNG DEVELOPMENT	31.00	3.00	$2/A	1/8		$10/A
3	0	0001	1133	2/85	KENNETH AND LOUISE HARRIS	CNG DEVELOPMENT COMPANY	13.00	3.00	$2/A	1/8		
3	0	0367	0	2/85	LEO F. AND DOROTHY R. YOAKUM	KEPCO, INC.	150.00	10.00	$5/A	1/8		
3	0	0000	0	3/85	LEWIS AND PAULINE CARR	CNG DEVELOPMENT	20.00	7.00	$2/A	1/8		
3	0	3681	1760	2/85	MABLE MCDONALD	BEREA OIL AND GAS CORPORATION	67.00	2.00	$20/A	1/8	$.75/A	
3	0	0001	1131	1/85	MARY E. SNYDER	CNG DEVELOPMENT COMPANY	50.00	5.00	$2/A	1/8		
3	0	0000	0	1/85	MAX AND VERA SCHNEIDER	UNION DRILLING	65.00	3.00	$5/A	1/8		
3	0	3681	1702	3/85	PATRICIA DUNHAM	CNG DEVELOPMENT COMPANY	16.00	7.00	$2/A	1/8		
3	0	0001	1138	1/85	RANDOLPH S. ALLAN, ET AL	CNG DEVELOPMENT COMPANY	59.00	3.00	$2/A	1/8		
3	0	3681	1698	1/85	RANDOLPH S. AND DONNA R. ALLAN	CNG DEVELOPMENT COMPANY	15.00	3.00	$2/A	1/8		
3	0	0070	401	1/85	RENA S. GRAHAM	UNION DRILLING	3.69	5.00	$5/A	1/8		
3	0	0000	0	1/85	S.L. AND BETTY YEAGER	FMF OIL AND GAS PROPERTIES	56.00	1.00	$5/A	1/8		
3	0	0000	0	3/85	SIBERT LAND COMPANY	UNION DRILLING, INC.	129.36	5.00	$5/A	1/8		
3	0	0001	1129	1/85	VIRGIL AND LUELLA HART	CNG DEVELOPMENT COMPANY	9.75	3.00	$2/A	1/8		
3	0	0001	1139	1/85	VIRGIL S. AND LUELLA E. HART	CNG DEVELOPMENT COMPANY	23.00	3.00	$2/A	1/8		
3	0	0000	0	3/85	VIRGINIA CHENOWETH	CNG DEVELOPMENT	38.00	7.00	$2/A	1/8		
3	0	3681	1697	2/85	WILLIAM AND ALMA WORKMAN	CNG DEVELOPMENT COMPANY	3.00	7.00	$2/A	1/8		
					*** C O U N T Y T O T A L ***		46,842.40					

OIL AND GAS SALES AND LEASE REPORT

R G DI	ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	10	129	451	11/79	C. REED	M. TAYLOR	21.00	5.00	$1/A	1/8		
1	7	129	412	11/79	C. VALENTINE	W. HAUGHT	127.75	.50	$2/A	1/8		
1	10	128	134	8/79	E. BONNELL	PETROLEUM SERVICES	84.00	.50	$2/A	1/8	$50/W	
1	7	128	344	9/79	F. WOODFORD	J. HORNER	37.50	5.00	$2/A	1/8		$300/Y
1	7	128	346	9/79	H. BURNELL HEIRS	D. WOLFE	21.00	5.00	$1/A	1/8		
1	10	129	330	./79	I. BONNAND	DERRICK DRLG.	119.00	.50	$2/A	1/8	$50/W	
1	.	128	102	8/79	K. KNIGHT	W. MCCLOY	50.00	3.00	$2/A	1/8	$50/W	
1	10	128	339	9/79	K. PERINE	W. HAUGHT	33.75	5.00	$2/A	1/8		
1	10	129	45	./79	N. BATSON	DERRICK DRLG.	94.00	2.00	$1/A	1/8	$50/W	$1/A
1	3	129	465	12/79	N. MAZE	WACO OIL & GAS	100.00	2.00	$1/A	1/8		
1	10	129	462	12/79	T. PERRY	TOWER DRILLING	70.75	5.00	$1/A	1/8	$50/W	
1	7	128	164	8/79	W. MORRIS	CONSOLIDATED GAS	169.00	5.00	$1/A	1/8		$300/W
1	10	129	780	1/80	A. ZINN	CAPITAL PETROLEUM	32.00	1.00	$2/A	1/8	$50/W	
1	3	129	773	1/80	D. WASHBURN	H. OEEM	98.00	1.00	$3/A	1/8		
1	3	129	753	1/80	E. SMITH	P. HILL	130.00	3.00	$1/A	1/8		
1	10	132	555	9/80	F.L. AMOS	TOWER DRILLING	243.00	1.00	$5/A	1/8		
1	5	129	814	1/80	G. BRITTON	STERLING DRILLING	100.00	2.00	$3/A	1/8	$3/A	
1	3	131	502	6/80	G. MURPHY	D. MICHELS	65.00	2.00	$12/A	1/8		
1	3	131	435	6/80	H. MCCULLOUGH	C. JONES	62.00	2.00	$3/A	1/8	$50/W	
1	3	14	175	9/80	H. MILLER	PAN AMERICAN EXPLORATION	195.00	10.00	$1/A			
1	7	131	215	5/80	J. STRIKLING	ALLEGHANY LAND & MINERAL	25.00	5.00	$2/A	1/8		
1	3	131	234	5/80	L. MOSSER	A. SKINNER	30.00	1.00	$2/A	1/8	$2/A	
1	5	131	199	4/80	L. WEBB	PRIOR OIL	84.00	1.00	$3/A	1/8	$50/W	
1	3	130	210	2/80	M. PRITCHARD	TOWER DRILLING, INC	129.00	1.00	$1/A	1/8		
1	10	131	86	4/80	M. REED HEIRS	TOWER DRILLING	116.00	1.00	$1/A	1/8	$50/W	
1	10	131	195	4/80	N. HANNA	ALLSTATE ENERGY	100.00	10.00	$2/A	1/8		
1	10	132	695	10/80	T.J. ZINN	TOWER DRILLING INC	49.50	5.00	$1/A	1/8		
1	5	130	373	3/80	UNION NATIONAL BANK	J & J ENTERPRISES	80.00	5.00	$3/A	1/8		
1	5	131	405	6/80	V. PUTNAM	WACO OIL & GAS	54.00	2.00	$4/A	1/8		
1	10	129	785	1/80	W. BITNER	A. SKINNER	15.00	1.00	$2/A	1/8	$2/A	
1	7	131	217	5/80	W. BORDER	PRIOR OIL	32.00	.50	$4/A	1/8	$50/W	
1	3	132	94	8/80	W. MOSSER	MAGNUM OIL	41.00	5.00	$27/A	1/8		
1	3	134	170	2/81	A. HENTHORNE	RENOOVA OIL	50.00	2.00	$10/A	1/8	$10/W	
1	2	135	503	4/81	B. SEMMELMAN	S. & S, INC	44.00	1.50	$5/A	1/8		
1	5	134	539	3/81	C. NISSEN	MAGNUM OIL	110.00	2.00	$2.50/A	1/8	$1/A	
1	5	134	43	2/81	C. OVERFIELD	RITCHIE PETROLEUM	30.00	.50	$5/A	1/8		
1	3	134	77	2/81	C. RIDGEWAY	CNG PRODUCING	40.00	2.00	$1/A	1/8		$300/W
1	7	134	33	2/81	D. SINNETT	CENTRAL GAS	40.00	1.00	$1/A	1/8	$50/W	
1	5	134	391	3/81	D. WASHBURN	ALLSTATE ENERGY	103.00	.50	$2.91/A	5/32		
1	5	134	248	2/81	H. KALAR	CNG PRODUCING	21.00	5.00	$1/A	1/8		$300/W
1	3	134	252	2/81	I. LAMM	RITCHIE PETROLEUM	14.00	5.00	$5/A	1/8		
1	3	135	667	4/81	J. OEEM	ADENA PETROLEUM	41.00	2.00	$1/A	1/8	$50/W	
1	7	134	125	2/81	P. WILSON HEIRS	R. EDMONDS	115.00	1.00	$5/A	1/8	$50/W	
1	5	134	437	3/81	PARKERSBURG NATIONAL BANK	RAY RESOURCES	320.00	2.00	$5/A	1/8	$1000/W	
1	5	135	308	4/81	R. MAZE	PETROLEUM DEVELOPMENT	22.10	.75	$5/A	1/8	$300/W	
1	3	135	333	4/81	W. ELDER	A. SKINNER	26.00	1.00	$2/A	1/8	$2/A	
1	7	134	273	2/81	W. RAY	PETROLEUM SERVICES	36.50	5.00	$5/A	1/8	$5/A	
1	10	142	188	3/82	A. LANGFORD	EMPIRE DRILLING	5.00	1.00	$50/A	1/8	$50/W	
1	5	142	574	3/82	A. LAYFIELD	MAGNUM OIL CORP	40.00	1.00	$5/A	1/8		

OIL AND GAS SALES AND LEASE REPORT

R G H	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
1	5	149	174	10/82	A. ROGERS	RIMROCK PRODUCTION CO	33.33	.50	$2/A	1/8		
1	7	142	266	3/82	A. SECKMAN	REXROAD LAND SERVICE	12.00	5.00	$3/A	1/8	$3/A	
1	3	149	315	10/82	B. MCVAY	PANTHER FUEL CO.	47.00	1.00	$100/A			
1	10	142	815	4/82	C. WASS	STOCKADE PETROLEUM	72.00	1.00	$50/A	5/32	$50/W	$50/A
1	3	141	800	3/82	E. MOORE	RITCHIE PETROLEUM	115.25	2.00	$10/A	1/8		
1	5	143	430	4/82	E. SMITH	M.R. DEVELOPMENT	30.00	.50	$125/A	5/32		$125/A
1	3	142	521	3/82	E. WILLIAMSON HEIRS	MRAY PETROLEUM	65.00	3.00	$4.50/A	1/8	$9/A	
1	7	149	656	10/82	G. MOATS	MORRIS EXPLORATION	44.00	1.00	$30/A	1/8		
1	7	141	862	3/82	J. BEARD	W. HAUGHT	15.50	2.00	$5/A	1/8		
1	5	149	283	10/82	J. WELCOME	M.R. DEVELOPMENT CO.	25.00	1.00	$60/A	5/32		
1	3	141	721	3/82	J. WILSON	PANTHER FUEL	48.00	2.00	$25/A	1/8	$25/A	
1	97	149	710	10/82	L. BIRD	MINERAL CONSULTANTS	6.00	1.00	$5/A	1/8		
1	3	142	430	3/82	L. WINCE	ENERGEX OIL & GAS	47.52	1.00	$7/A	1/8		
1	10	143	410	4/82	M. MILLER	CHASE PETROLEUM	88.00	1.00	$5/A	1/8	$5/A	
1	5	142	599	3/82	O. JACKSON	EMPIRE DRILLING CO.	126.00	.16	$121/A	1/6		
1	5	143	853	5/82	P. MCGINNIS	OIL DEVELOPMENT	112.00	1.00	$50/A	3/16	$50/W	
1	7	142	79	3/82	T. LEMON HRS.	PETROLEUM SERVICES	30.00	1.00		1/8	$3/A	
1	5	141	776	3/82	W. SIMMONS	R. SIX	29.00	2.00	$5/A	1/8	$5/A	
1	5	153	840	2/83	A. CARPER	J. DEEM	200.00	2.00	$10/A	1/8	$50/W	$10/A
1	0	0160	634	8/83	BROADWATER, BETTY	CLARENCE MUTSCHELKNAUS	100.00	.50	$5/A	1/8	$5/A	
1	0	0160	630	8/83	BROADWATER, PAUL	CLARENCE MUTSCHELKNAUS	100.00	.50	$5/A	1/8	$5/A	
1	7	155	391	3/83	C. FERRELL	NORTH HILLS INVESTMENT	17.00	2.00	$10/A	1/8	$50/W	
1	0	0160	37	7/83	CULOTTA, MABEL	CLARENCE MUTSCHELKNAUS	100.00	.50	$5/A	1/8	$5/A	
1	0	0160	577	7/83	DAVISSON, JOHN	SHENANDOAH ENERGY	38.00	1.00	$10/A	1/8	$50/Y	
1	3	155	506	3/83	E. GREGG	FRENCH CREEK DEVELOPMENT	54.00	.75	$46.66/A	1/8		
1	7	152	782	1/83	E. SIBBETT	OIL DEVELOPMENT	50.00	.60	$10/A	1/8	$50/W	
1	10	154	803	3/83	G. IRELAND	CHASE PETROLEUM	20.00	1.00	$5/A	1/8	$5/A	
1	0	0160	615	8/83	GARY, FAN	M & J JOINT VENTURE	27.50	.25	$10/A	1/8	$50/Y	
1	5	154	724	3/83	I. WYRE	M.R. DEVELOPMENT	130.00	1.00	$75/A	3/16	$50/W	$75/A
1	5	154	695	3/83	J. ROSE	TRIDEX	92.00	1.00		1/8	$5/A	
1	0	0160	348	7/83	KINCAID, PEGGY	WATKINS AND WATKINS, INC.	50.00	2.00	$5/A	1/8		
1	7	155	655	3/83	M. BROADWATER	MINERAL CONSULTANTS	110.25	1.00		1/8	$5/A	
1	7	154	168	2/83	M. LEWIS	M. RABER	20.00	.50	$30/A	1/8	$50/W	
1	0	0160	632	8/83	MUTTALL, NOAL	CLARENCE MUTSCHELKNAUS	242.00	1.00	$5/A	1/8		
1	7	154	842	3/83	R. PHILLIPS	MORRIS EXPLORATION	49.00	3.00	$30/A	1/8	$30/A	
1	5	155	429	3/83	R. ROBINSON	MAGNUM OIL	40.00	.25		1/8	$5/A	
1	0	0160	374	7/83	RICHARDS, MARY	CONTINENTAL EXPLORATION	75.00	.50	$60/A	1/8		
1	5	153	881	2/83	T. SCADDEN	C. HARDEN	103.00	.50	$80/A	1/8	$5/A	
1	5	155	879	4/83	W. ROSS	G. STALNAKER	15.00	1.00	$30/A	1/8		
1	0	0173	340	7/84	BRELSFORD, NEIL	J&J ENTERPRISES	25.00	1.50	$15/A	1/8	$50/Y	
1	0	0173	350	7/84	CARNEAL, MARY ETAL	J&J ENTERPRISES	40.50	2.00	$10/A	1/8	$50/Y	
1	0	0173	338	7/84	COTE, W.	J&J ENTERPRISES	15.00	1.00	$20/A	1/8	$50/Y	
1	0	0173	364	7/84	COTTRILL, WILLIAM	J&J ENTERPRISES	70.00	2.00	$15/A	1/8	$50/Y	
1	0	0173	200	7/84	DAILEY, HELEN	GENE STALNAKER	9.80	.42	$5/A	1/8	$5/A	
1	0	0179	217	12/84	DRAVO CORPORATION	CNG DEVELOPMENT COMPANY	174.00	2.00	$2/A	5/32		$300/Y
1	0	0173	93	7/84	FERREBEE, CHARLES	CLARENCE MUTSCHELKNAUS	16.87	2.00	$10/A	1/8	$10/A	
1	0	0173	106	7/84	FLEMING, NORMAN	SAMUEL D. GASTON	16.00	1.00	$15/A	1/8	$15/A	
1	0	0173	344	7/84	HECKERT, WM. ET AL	J&J ENTERPRISES	104.00	1.50	$20/A	1/8	$50/Y	
1	0	0173	288	7/84	HERSMAN, SAM	GENE STALNAKER	140.00	.50	$12/A	1/8	$12/A	

OIL AND GAS SALES AND LEASE REPORT

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1	0	0173	362	7/84	MOORE, FLORENCE HEIRS	J&J ENTERPRISES	16.00	1.00	$15/A	1/8	$50/Y	
1	0	0173	342	7/84	PIERPOINT, JEAN	J&J ENTERPRISES	25.00	1.50	$15/A	1/8	$50/Y	
1	0	0173	206	7/84	PRICE, ROBERT	GENE STALNAKER	12.00	.66	$5/A	1/8	$5/A	
1	0	0173	348	7/84	RAYMOND RIDDLE	J&J ENTERPRISES	45.00	2.00	$10/A	1/8	$50/Y	
1	0	0173	100	7/84	ROWE, ORLAN	SAMUEL D. GASTON	52.00	1.00	$15/A	1/8	$15/A	
1	0	0173	112	7/84	WEEKLEY, DAVID	O.A. NEWBROUGH	5.00	1.00	$10/A	1/8		
1	0	0180	776	5/85	ALVY DOLL, ET AL	VENTURE PETROLEUM	56.00	.50	$10/A	1/8		
1	0	0179	213	3/85	ARNOLD AND GEORGIANNA HENTHORNE	BASIN ENTERPRISES	48.50	1.00	$10/A	1/8	$1/A	$1/A
1	0	0183	59	9/85	AYERS, ASHFORD	ALLSTATE ENERGY	38.00	5.00	$2/A	1/8		
1	0	0179	454	1/85	BERNARD AND LAURA STARR	J AND J ENTERPRISES	67.25	3.00	$15/A	1/8		
1	0	0183	710	9/85	BUSH, ALFRED HEIRS	J&J ENTERPRISES	26.00	3.00	$5/A	1/8	$50/Y	
1	0	0179	319	3/85	CAROLYN FARR	CRUDE OIL AND GAS	55.00	5.00	$2/A	1/8	$3/A	$3/A
1	0	0180	384	4/85	DOLPH HICKMAN	J AND J ENTERPRISES	56.00	3.00	$20/A	1/8		
1	0	0180	792	5/85	ELDON AND MARY HAUGHT	710 CORP.	28.75	5.00	$1/A	1/8		
1	0	0183	712	9/85	ERSKINE/CAIN	DENEX PETROLEUM	148.00	5.00	$25/A	1/8	$50/Y	
1	0	0180	851	5/85	GARNETTE WILLEY	CAPITAL PETROLEUM	68.50	5.00	$1/A	1/8	$50/Y	
1	0	0180	348	4/85	GLENN MAZE, ET AL	HAUGHT OIL	65.00	1.00	$20/A	1/8		
1	0	0183	783	10/85	HARTLEBEN SR., HARRY HEIRS	BLAUSER ENERGY	26.50	2.00	$5/A	1/8	$50/Y	
1	0	0183	61	9/85	HEADLER NELLIE	D&D ENERGY	31.80	1.00	$10/A	1/8		
1	0	0183	781	10/85	HICKMAN, DOLPH	BLAUSER ENERGY	20.50	2.00	$5/A	1/8	$50/Y	
1	0	0179	351	3/85	KENNETH AND EDNA LANTZ	CRUDE OIL AND GAS	99.21	3.00	$15/A	1/8	$3/A	$3/A
1	0	0179	211	3/85	LELNA DOURNE	BASIN ENTERPRISES	30.00	.50	$5/A	1/8	$1/A	$1/A
1	0	0179	174	2/85	LENORA SIMMONS	WARREN R. HAUGHT	124.50	5.00	$5/A	1/8		
1	0	0180	386	4/85	MARK AND MELISSA SUMMERS	D AND D ENERGY	15.00	5.00	$5/A	1/8		
1	0	0183	761	10/85	MINEAR, CARL	DENEX PETROLEUM	148.00	5.00	$25/A	1/8	$50/Y	
1	0	0180	849	5/85	NINA STATLER, ET AL	J AND J ENTERPRISES	41.00	1.00	$30/A	1/8		
1	0	0180	824	5/85	P. AND NELLIE SHEPPARD	DENEX PETROLEUM	15.00	1.00	$33/A	1/8		
1	0	0183	3	9/85	SHEARER, MICHAEL	RARE EARTH ENERGY	37.00	1.00	$25/A	1/8		
1	0	0183	10	9/85	THOMAS, VERNON	J&J ENTERPRISES	55.00	1.50	$15/A	1/8	$50/Y	
1	0	0179	171	3/85	WARREN AND LENNA HAUGHT	710 CORK.	80.00	5.00	$1/A	1/8		
1	0	0183	12	9/85	WILLIAMS, NELL	RARE EARTH ENERGY	58.00	1.00	$25/A	1/8		
1	0	0179	215	3/85	ZELMA BOWIE	BASIN ENTERPRISES	49.00	.50	$10/A	1/8	$1/A	$1/A
						*** C O U N T Y T O T A L ***	8,497.88					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 44-ROANE

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	2	150	197	7/79	H.H. BOGGS	ADENA PETROLEUM	205.00	10.00	$1/A	1/8	$50/W	$2/A
2	3	161	157	9/81	A.G. COCO	M & J JOINT VENTURE	1,585.00	5.00		1/8	$50/W	
2	1	161	262	6/81	E.M. PENNOYER	CITIES SERVICE CO.	154.00	5.00	$1/A	1/8	$1/A	
2	6	161	164	8/81	E.M. REYNOLDS	KAISER EXPLORATION	78.75	10.00	$2/A	1/8		$1/A
2	4	161	242	8/81	G. HOLSHADE	CITIES SERVICE CO	154.00	5.00	$1/A	1/8	$1/A	
2	3	161	346	9/81	J. COX	ALAN F. HESS	168.00	5.00	$5/A	1/8		
2	3	161	15	11/81	J.P. HAY	ALAN F. HESS	55.00	1.00	$5/A	1/8		
2	7	161	213	10/81	R. DAVIS	PETROLEUM SERVICES	45.00	3.00	$5/A	1/8		
2	0	0169	667	10/82	HOWARD COUNTS	ALLEGHENY AND WESTERN ENERGY	217.00	1.00	$5/A	1/8	$50/Y	
2	0	0169	151	8/82	LENZY AND ROSEZETTA MARTIN	REMOVA OIL	71.00	3.00	$10/A	1/8	$50/Y	
2	0	0167	5	6/82	PAUL AND PAMELA HARPER	M AND J JOINT VENTURE	190.00	3.00	$5/A	1/8	$50/Y	
2	0	0175	1	11/83	H. F. PELL, HEIRS	BOW VALLEY PETROLEUM	114.00	3.00	$20/A	1/8	$1000/Y	
2	0	0175	256	12/83	MACIE ELLIS	ALLEGHENY AND WESTERN ENERGY	57.00	1.00	$5/A	1/8	$50/Y	
2	0	0175	124	11/83	MINA SAMBERSON	ALLEN BEARD	62.75	5.00	$4/A	1/8		$2/A
2	0	0174	362	10/83	PAULINE D'AMICO, ET AL	ALLEGHENY AND WESTERN ENERGY	103.00	3.00	$5/A	1/8	$50/Y	$2/A
2	0	0179	494	9/84	GLADYS PRICE	M AND J JOINT VENTURE	10.00	1.00	$5/A	1/8	$50/Y	
2	0	0179	436	9/84	L. L. AND JANE SMITH	RUBIN RESOURCES	53.00	3.00	$5/A	16%	$50/Y	$5/A
2	0	0179	314	8/84	MAGGIE AND ORAL COTTRELL	STERLING DRILLING	40.00	2.00	$5/A	1/8	$5/A	
2	0	0179	120	8/84	RUTH AND HARRY PURSLEY	STERLING DRILLING	50.50	2.00	$5/A	1/8	$5/A	
2	0	0184	312	2/85	CLAY AND GLADIE SMITH	CITIES SERVICE OIL AND GAS	60.00	5.00	$1/A	1/8	$1/A	
2	0	0184	540	2/85	EDITH G. WESTFALL	CITIES SERVICE OIL AND GAS	111.50	5.00	$1/A	1/8	$1/A	
2	0	0184	750	4/85	JUDITH AND CHARLES MCFARLAND	M AND J JOINT VENTURE	127.00	2.00	$5/A	1/8	$50/Y	
2	0	0184	228	2/85	WILLARD HICKS	CITIES SERVICE OIL AND GAS	119.00	5.00	$1/A	1/8	$1/A	
					*** COUNTY TOTAL ***		3,830.50					

OIL AND GAS SALES AND LEASE REPORT

R G H	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
6	7		177	5/79	A. DODD	R. GADDY	141.00	10.00	$1/A	1/8	$1/A	
6	.		247	5/79	B. PATTESON	AED	110.00	10.00	$1/A	1/8	$50/W	$2/A
6	5		185	5/79	C. BARE	R. GADDY	153.00	10.00	$1/A	1/8	$1/A	
6	1		93	3/79	D. CRAWFORD	PENNZOIL	75.00	10.00	$1/A	1/8	$1/A	
6	3		109	4/79	D. HILL	COLUMBIA GAS	3,390.00	5.00	$1/A	1/8		$300/W
6	7		189	5/79	E. HALLORAN	R. GADDY	1,029.00	10.00	$1/A	1/8	$1/A	
6	1		29	1/79	J. KERR	PENNZOIL	59.90	5.00	$1/A	1/8	$1/A	
6	3		288	11/79	J. TAYLOR	COLUMBIA GAS	54.00	5.00	$1/A	1/8		$300/W
6	5	12	145	1/79	J. WILLIAMS	RICHARD S. GADDY	268.00	10.00	$1/A			
6	1	12	259	6/79	O. HARVEY	PENNZOIL CORP	160.00	10.00	$1/A			
6	5		157	5/79	R. THOMPSON	R. GADDY	183.00	10.00	$.25/A	1/8	$.25/A	
6	1	12	239	3/79	R. VAUGHN	RICHARD S. GADDY	96.00	10.00	$1/A			
6	1	12	61	1/79	T,B. LOWE	PENNZOIL CORP	51.50	10.00	$1/A			
6	2	14	177	5/80	F. BOWDS	D & H OIL CO.	399.00	10.00	$1/A;$2/A-BONUS	1/8		
6	3	14	175	9/80	H. MILLER	PAN AMERICAN EXPLORATION	195.00	10.00	$1/A			
6	1	14	189	1/80	I. NEAL	ARCO	118.00	10.00	$1/A			
6	3	14	197	11/80	I.M. LANCE	PAN AMERICAN EXPLORATION	159.00	10.00	$1/A			
6	.	14	201	5/80	K. FEZER	D & H OIL CO.	125.00	10.00	$1/A,$2/A-BONUS	1/8		
6	6	14	161	10/80	P. YORK	PAN AMERICAN EXPLORATION	70.00	10.00	$1/A			
6	3	14	147	9/80	W.A. MULLINS	PAN AMERICAN EXPLORATION	110.00	10.00	$1/A			
6	7	14	225	7/81	A. MILLEY	CABOT	187.00	5.00	$2/A	1/8	$2/A	$2/A
6	1	14	267	12/81	B. JONES	CABOT	125.00	3.00	$2/A	1/8	$2/A	$2/A
6	3	14	327	1/81	E. WELCH	COLUMBIA GAS TRANSMISSION	31.00	10.00	$2/A			
6	3	14	260	11/81	G. BRIET	S & S, INC.	139.00	5.00	$6.67/A	1/8	$50/W	
6	7	14	239	7/81	J. KOVACH	CABOT OIL & GAS	70.00	5.00	$2/A			
6	1	14	211	5/81	L. FERGUSON	CABOT	93.00	1.00	$2/A	1/8	$2/A	$2/A
6	.	14	263	11/81	L. HOGAN	ROYAL RESOURCES	105.00	10.00	$1/A	1/8	$50/W	$2/A
6	1	14	205	5/81	L. LANE	CABOT	135.00	5.00	$2/A	1/8	$2/A	$2/A
6	7	14	245	7/81	N.B. WILLIAMS	CABOT OIL & GAS	65.00	5.00	$2/A			
6	7	14	237	7/81	R. GORE	CABOT	70.00	5.00	$2/A	1/8	$2/A	$2/A
6	1	14	247	7/81	R. SHUMATE	CABOT OIL & GAS	93.00	1.00	$2/A			
6	7	14	265	12/81	S. OTTO	S & S, INC	131.00	5.00	$6/A	1/8	$50/W	
6	.	14	343	3/82	C. BURDETTE	COLUMBIA GAS	300.00	5.00	$2/A	1/8		$300/W
6	3	14	311	2/82	C. PAYNE	COLUMBIA GAS TRANSMISSION	22.50	10.00	$2/A			
6	5	14	277	2/82	D. ABSHIRE	COLUMBIA GAS	350.00	10.00	$2/A	1/8		$300/W
6	3	14	470	4/82	D. CALES	COLUMBIA GAS TRANSMISSION	171.00	10.00	$2/A			
6	.	14	341	2/82	G. BREIT	J & J ENTERPRISES	139.00	5.00	$7/A	1/8	$50/W	
6	3	14	269	2/82	J. COZORT	COLUMBIA GAS	49.00	10.00	$2/A	1/8		$300/W
6	5	14	454	2/82	J. HELLEMS	COLUMBIA GAS TRANSMISSION	140.00	10.00	$2/A			
6	3	14	403	4/82	K.O'SULLIVAN	J & J ENTERPRISES	187.00	5.00	$5/A	1/8	$200/W	
6	.	14	273	2/82	L. GWINN	COLUMBIA GAS	86.40	5.00	$2/A	1/8		$300/W
6	3	14	490	4/82	N.W. REYNOLDS	J & J ENTERPRISES	60.00	5.00	$1/A			
6	3	14	401	3/82	R. HOLLAND	J & J ENTERPRISES	72.00	.00	$1/A			
6	1	14	645	12/83	B. MCNEER	PENNZOIL	138.00	10.00	$1/A	1/8	$1/A	
6	1	14	631	10/83	B. MIDDLEMAN	CABOT	8.70	5.00	$2/A	1/8	$2/A	$2/A
6	1	14	638	12/83	J. BIGONY	PENNZOIL	155.00	5.00	$1/A	1/8	$1/A	
6	1	14	629	9/83	L. FERGUSON	CABOT	92.00	5.00	$2/A	1/8	$2/A	$2/A
6	6	14	623	9/83	P. DICKASON	CABOT	39.61	5.00	$2/A	1/8	$2/A	$2/A
6	6	14	625	9/83	W. LARRY	CABOT	167.76	5.00	$5/A	1/8	$2/A	$2/A

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 45-TUCKER

REPORT NO. TXOILP1 PAGE 91
CURRENT DATE: 04/23/86

OIL AND GAS SALES AND LEASE REPORT

R G H	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
						*** COUNTY TOTAL ***	10,368.37					

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	5	17	426	2/79	C. BONNER	JACK RUN DEVELOPMENT	55.00	10.00	$1/A	1/8		$3/A,$300/W
5	1	17	596	9/79	C. RICOTTILLI	CHESTERFIELD CORP.	133.00	2.00	$2/A	1/8		
5	5	17	486	6/79	D. WHITE	C.E. BECK	262.00	10.00	$1/A	1/8	$1/A	$1/A
5	0	0000	619	9/79	DENVER A. AND LEOTA KNOTTS	CITIES SERVICE	60.00	10.00	$1/A	1/8	$1/A	
5	3	18	15	12/79	H. BONNER	KEY OIL	11.04	3.00	$2/A	1/8	$50/W	$2/A
5	3	18	11	12/79	H. BONNER	KEY OIL	17.02	3.00	$2/A	1/8	$50/W	$2/A
5	1	17	461	3/79	H. FOLEY	EXXON	20.00	10.00	$1/A	1/8	$1/A	$2/A
5	5	17	588	9/79	L. COOPER	HAMPSHIRE GAS	127.00	10.00	$1/A	1/8	$1/A	
5	3	18	9	12/79	M. SHAEFFER	KEY OIL	12.00	3.00	$2/A	1/8	$50/W	$2/A
5	5	17	497	6/79	P. CARR	C.E. BECK	237.90	10.00	$1/A	1/8		$1/A
5	2	17	444	3/79	P. GOODWIN	CONSOLIDATED GAS	101.00	20.00	$1/A			$300/W
5	.	17	604	10/79	USA	AMOCO	2,363.73	.00	$.50/A	1/8		
5	5	18	196	10/80	A. CAMPDELL	C.E. BECK	1,900.00	10.00	$1/A	1/8	$1/A	$1/A
5	9	18	246	11/80	E. MILLER	HERT DEVELOPMENT	135.00	2.00	$2/A	1/8	$50/W	$1/A
5	2	18	161	6/80	E. PHILLIPS	CONSOLIDATED GAS	113.00	20.00	$1/A	1/8		$300/W
5	1	18	50	2/80	E. WOOD	C.E. BECK	86.00	10.00	$1/A	1/8	$1/A	$1/A
5	1	18	172	7/80	L. MAYFIELD	CHESTERFIELD CORP	70.00	3.00	$2/A	1/8		
5	2	18	124	5/80	L. ROSIER	CONSOLIDATED GAS	52.00	10.00	$1/A	1/8		$300/W
5	5	18	132	6/80	M. COOPER	D & H OIL	465.00	10.00	$1/A,$2/A-BONUS	1/8		
5	5	18	217	10/80	P. COSNER	STERLING DRLG.	131.00	10.00	$1/A	1/8	$1/A	
5	11	18	229	10/80	P. DOTSON	STERLING DRLG.	104.00	10.00	$1/A	1/8	$1/A	
5	1	18	205	10/80	P. MORSE	C.E. BECK	3,286.93	10.00	$1/A	1/8	$1/A	$1/A
5	5	18	38	2/80	R. REED	D & H OIL	439.00	3.00	$3/A	1/8		
5	9	18	110	3/80	UNION NATIONAL BANK	J & J ENTERPRISES	15.00	5.00	$3/A	1/8	$3/A	
5	11	18	238	10/80	W. STOVER	CITIES SERVICE	75.00	10.00	$1/A	1/8	$1/A	
5	1	19	12	5/81	A. MASON	PETROLEUM DEVELOPMENT	123.50	5.00	$2/A	1/8	$300/W	
5	2	19	8	5/81	CENTRAL CHAPEL CHRUCH	CNG PRODUCING	294.00	5.00	$1/A	1/8		$300/W
5	11	18	622	4/81	COUNTY COURT OF TUCKER CO.	O. EBERLY	296.00	5.00	$1/A	1/8	$50/W	$2/A
5	5	19	555	11/81	D. GRAHAM	BEREA OIL & GAS	.00	2.00	$12/A	1/8		
5	.	19	115	6/81	DEPT OF NATURAL RESOURCES OF W.V.	BEREA OIL & GAS	1,338.00	10.00	$5/A	1/8		
5	11	19	83	5/81	E. STURM	C.E. BECK	5.00	10.00	$1/A	1/8	$1/A	$1/A
5	1	19	70	5/81	P. POLING	C.E. BECK	15.00	10.00	$1/A	1/8	$1/A	$1/A
5	1	19	99	6/81	R. CARR	PETROLEUM DEVELOPMENT	46.00	5.00	$2/A	1/8	$300/Y	
5	5	18	530	3/81	T. CARR	PETROLEUM DEVELOPMENT	130.00	5.00	$2/A	1/8	$1/A	
5	11	18	538	3/81	V. JENKINS	CITIES SERVICE	50.00	10.00	$1/A	1/8	$1/A	
5	0	0000	549	12/82	ALEX AND JUANITA WAIRING	CITIES SERVICE	54.50	10.00	$1/A	1/8	$1/A	
5	11	20	246	6/82	C. EVANS	CITIES SERVICE	1,050.00	5.00	$1/A			
5	0	0000	633	12/82	CARL V. AND ROSALETA M. CARR	TEXAS EASTERN EXPLORATION	4.00	5.00	$12.5/A	1/8	$12.5/A	$1/A
5	0	0000	92	6/82	CHARLES A. AND COROZER A. HEBB	CITIES SERVICE	24.00	10.00	$1/A	1/8	$1/A	
5	1	19	625	2/82	E. ARNOLD	UNION DRILLING	4.00	10.00	$3/A	1/8	$3/A	
5	5	21	1	4/82	H. ARMENTROUT	UPSHUR AGENCY	133.00	5.00	$3/A	1/8	$50/W	$2/A
5	5	19	668	2/82	H. BENNETT	UPSHUR AGENCY	31.00	3.00	$3/A	1/8	$50/W	$2/A
5	5	20	8	4/82	H. MALLOW	HYDROCARBON ENERGIES	183.00	1.00	$4.37/A	1/8		
5	5	20	390	8/82	H.D. JENKINS	BEREA OIL & GAS	186.00	.00	$6/A			
5	9	19	636	2/82	J. MILLER	SUNVALLEY OIL	97.00	10.00	$10/A-Y1,$5/A	1/8	$50/W	$2/A
5	9	19	644	2/82	J. NESTOR	SUNVALLEY OIL	340.00	10.00	$10/A-Y1,$7/A	1/8	$7/A	
5	9	20	418	9/82	J. NESTOR	CNG PRODUCING CO	340.00	10.00	$2/A			
5	0	0000	84	12/82	K. HUGH PENNINGTON	TEXAS EASTERN EXPLORATION	4.50	5.00	$11/A	1/8	$11/A	$.25/A
5	1	19	628	2/82	L. CARR	PETROLEUM DEVELOPMENT	199.38	5.00	$2/A	1/8	$2/A	

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 47-TUCKER

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN	RENTAL STORAGE	RENTAL
5	0	0000	566	12/82	MICHAEL G. AND SUSAN L. SACCO	TEXAS EASTERN EXPLORATION	1.75	5.00	$28.5/A	1/8	$28.5/A		
5	5	19	689	3/82	R. HUFFMAN	BEREA OIL & GAS	24.00	2.00	$3/A				
5	0	0003	475	8/82	WILLIAM P. AND LEAH P. MINEAR	CITIES SERVICE	100.00	10.00	$1/A	1/8	$1/A		
5	0	0029	359	5/83	ADAM AND HANNIE JUDY	BEREA OIL AND GAS CORPORATION	108.25	1.00	$10/A	1/8	$46/A		
5	0	0003	506	2/83	ALBERT C. AND VESPA SINCLAIR	CNG PRODUCING COMPANY	81.00	10.00	$2/A	1/8			
5	0	0000	96	7/83	BETTY SMIGAL, ET AL	HYDROCARBON ENERGIES	183.00	6.00	$5/A	1/8			
5	0	0000	0	4/83	BROOKE AND CHAROLETTE ROHRBAUGH	BEREA OIL AND GAS CORPORATION	1.60	1.00	$5/A	1/8	$31.25/A		
5	0	0000	615	2/83	BRUCE C. AND VERA L. AURIL	CNG PRODUCING	67.00	10.00	$2/A	1/8			
5	0	0003	473	1/83	BRUCE L. AND KATHALEEN O. HUTTON	BEREA OIL AND GAS	1.04	1.00	$5/A	1/8	$48/A		
5	0	0000	0	3/83	BUPLEY L. AND JENNIE L. TETER	BEREA OIL AND GAS CORPORATION	51.00	3.00	$5/A	1/8			
5	11	21	92	9/83	C. HEBB	CITIES SERVICE	24.00	10.00		1/8	$1/A		
5	0	0000	593	2/83	CARL E. AND RUTH M. HARMON	BEREA OIL AND GAS	.68	1.00	$5/A	1/8	$73.5/A		
5	0	0000	533	1/83	CURTIS AND KAREN BONNER	BEREA OIL AND GAS	17.20	1.00	$6/A	1/8	$50/Y		
5	0	0000	139	8/83	DAVID LINDSEY	TEXAS EASTERN EXPLORATION	483.00	5.00	$.10/A	1/8	$.10/A	$.02/A	
5	0	0000	71	6/83	DAVIS ELKINS, ET AL	BEREA OIL AND GAS	732.20	1.00	$5/A	1/8	$5/A		
5	0	0000	63	6/83	DAVIS ELKINS, ET AL	BEREA OIL AND GAS	290.47	1.00	$5/A	1/8			
5	0	0000	103	11/83	DONALD T. AND VIRGINIA K. DICE	BEREA OIL AND GAS	116.00	3.00	$3/A	1/8	$.43/A		
5	0	0000	611	2/83	DUKE A. AND LINDA MCDANIEL	BEREA OIL AND GAS	1.15	1.00	$5/A	1/8	$43/A		
5	0	0003	509	2/83	DUKE A. MCDANIEL, ET AL	BEREA OIL AND GAS CORPORATION	1.87	1.00	$5/A	1/8	$26/A		
5	0	0003	509	2/83	DUKE A. MCDANIEL, ET AL	BEREA OIL AND GAS CORPORATION	2.31	1.00	$5/A	1/8	$21/A		
5	5	20	503	12/83	E. HARR	TEXAS EASTERN	127.65	5.00	$1/A	1/8	$1/A	$1/A	
5	5	20	563	1/83	E. MILLER	TEXAS EASTERN	483.00	5.00	$.05/A	1/8	$.10/A	$.05/A	
5	0	0000	613	2/83	ELZIA J. QUEEN	BEREA OIL AND GAS	.50	1.00	$5/A	1/8	$100/A		
5	0	0000	525	1/83	EVANGELINE PHELPS	BEREA OIL AND GAS	90.00	3.00	$5/A	1/8	$50/Y		
5	0	0000	563	1/83	EVELYN B. DAILEY MILLER	TEXAS EASTERN EXPLORATION	483.00	5.00	$.10/A	1/8	$.10/A	$.05/A	
5	11	20	658	3/83	F. ASHBY	CNG PRODUCING	72.00	10.00	$2/A	1/8		$300/W	
5	0	0000	521	1/83	FAY GRAHAM	BEREA OIL AND GAS	290.47	5.00	$5/A	1/8	$50/Y		
5	0	0000	105	11/83	FLOYD AND DEBBY STAHL	BEREA OIL AND GAS	118.00	3.00	$3/A	1/8	$.42/A		
5	0	0003	506	2/83	FRANK E. AND DORA ASHBY	CNG PRODUCING COMPANY	72.00	10.00	$2/A	1/8			
5	0	0003	506	2/83	FRANK J. AND OTTA S. ASHBY	CNG PRODUCING COMPANY	72.00	10.00	$2/A	1/8			
5	0	0003	506	2/83	FREEMAN K. JACKSON	CNG PRODUCING COMPANY	200.00	10.00	$2/A	1/8			
5	0	0000	0	4/83	G. DEWEY RICE, JR.	BEREA OIL AND GAS CORPORATION	1.60	1.00	$5/A	1/8	$31.25/A		
5	0	0000	0	11/83	GERALD AND OPAL NESTOR	CITIES SERVICE	164.00	5.00	$1/A	1/8	$1/A		
5	0	0003	418	6/83	GUY R. AND GERALDINE J. SMITH	BEREA OIL AND GAS CORPORATION	10.50	1.00	$5/A	1/8	$5/A		
5	3	20	581	2/83	H. BONNIER	BEREA OIL & GAS	40.00	1.00	$6/A	1/8	$50/W		
5	0	0003	506	3/83	HELLEN AND GORDON DOTSON	CNG PRODUCING COMPANY	173.00	10.00	$2/A	1/8			
5	0	0000	623	2/83	HENRY AND MIKAL NOONAU	TEXAS EASTERN EXPLORATION	483.00	5.00	$.10/A	1/8	$.10/A	$.13/A	
5	0	0000	111	12/83	HILDA J. STRAWDERMAN	CITIES SERVICE OIL AND GAS	120.75	10.00	$1/A	1/8	$1/A		
5	0	0000	591	1/83	HOBERT B. AND BETTY MAE BONNER	BEREA OIL AND GAS	40.00	1.00	$6/A	1/8	$1.25/A		
5	0	0000	587	1/83	HOBERT B. AND BETTY MAE BONNER	BEREA OIL AND GAS	11.04	1.00	$6/A	1/8	$4.53/A		
5	0	0000	581	1/83	HOWARD L. AND JOYCE M. BONNIER	BEREA OIL AND GAS	40.00	1.00	$6/A	1/8	$1.25/A		
5	0	0000	585	1/83	HOWARD L. AND JOYCE M. BONNER	BEREA OIL AND GAS	17.02	1.00	$6/A	1/8	$2.94/A		
5	0	0000	609	2/83	IRA S. BERKOWITZ	BEREA OIL AND GAS	1.00	1.00	$5/A	1/8	$50/A		
5	5	21	56	6/83	J. GOOD	BEREA OIL & GAS	60.00	1.00	$5/A	1/8	$50/W		
5	0	0000	583	1/83	JACOB AND OPAL K. BOSLEY	BEREA OIL AND GAS	10.00	1.00	$6/A	1/8	$5/A		
5	0	0000	0	6/83	JAMES AND BETHANY R. GOOD, II	BEREA OIL AND GAS CORPORATION	.60	1.00	$5/A	1/8	$83/A		
5	0	0000	595	1/83	JAMES PAUL GEARY	BEREA OIL AND GAS	1.03	1.00	$5/A	1/8	$48.3/A		
5	0	0003	509	2/83	JOE M. MORTON, ET AL	BEREA OIL AND GAS CORPORATION	1.46	1.00	$5/A	1/8	$34/A		
5	0	0000	529	1/83	JOHN AND ALTA STERNER	BEREA OIL AND GAS	10.30	1.00	$6/A	1/8	$50/Y		

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 47-TUCKER

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OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	0	0000	627	3/83	JOSEPH G. AND ELEANOR L. BENNETT	BEREA OIL AND GAS	28.00	3.00	$5/A	1/8	$1.79/A	
5	0	0003	506	2/83	KENNETH AND DORTHY WHITE	CNG PRODUCING COMPANY	87.00	10.00	$2/A	1/8		
5	0	0000	0	11/83	LEONARD AND THYLA STEMPLE	CITIES SERVICE	96.00	5.00	$1/A	1/8	$1/A	
5	0	0000	535	1/83	LESTER AND PATRICIA WOLFE	BEREA OIL AND GAS	1.08	3.00	$5/A	1/8	$50/Y	
5	0	0000	547	1/83	LLOYD AND MARY CLARK	BEREA OIL AND GAS	1.47	3.00	$5/A	1/8	$50/Y	
5	0	0000	0	12/83	LORENE PENNINGTON	TEXAS EASTERN EXPLORATION	4.50	5.00	$11/A	1/8	$11/A	
5	0	0000	557	1/83	LOWELL A. COOPER	BEREA OIL AND GAS	290.47	5.00	$.50/A	1/8	$.17/A	
5	0	0000	523	1/83	MARGARITO AND PHYLLIS GARRIA	BEREA OIL AND GAS	.90	3.00	$5/A	1/8	$50/Y	
5	0	0000	0	11/83	MARIE AND MARVIN PHILLIPS	CITIES SERVICE	5.00	10.00	$1/A	1/8	$1/A	
5	0	0000	561	1/83	MARY ALICE AND JOHN H. GOLIGHTLY	BEREA OIL AND GAS	290.47	5.00	$.50/A	1/8	$.17/A	
5	0	0000	67	5/83	MARY D. WALKER	TEXAS EASTERN EXPLORATION	483.00	5.00	$.10/A	1/8	$.10/A	$.02/A
5	0	0000	589	1/83	MERLE J. AND RUBY B. SCHAEFFER	BEREA OIL AND GAS	12.00	1.00	$6/A	1/8	$4/A	
5	0	0000	127	11/83	N. MAE HILE	CITIES SERVICE OIL AND GAS	91.00	10.00	$1/A	1/8	$1/A	
5	0	0000	107	11/83	N. MAE HILE	CITIES SERVICE OIL AND GAS	162.10	10.00	$1/A	1/8		
5	0	0000	0	1/83	NELIA D. WALKER	TEXAS EASTERN EXPLORATION	483.00	5.00	$10/A	1/8	$10/A	
5	0	0000	629	2/83	QUENTIN P. AND JOY E. BENNETT	BEREA OIL AND GAS	28.00	3.00	$5/A	1/8	$1.79/A	
5	0	0000	0	5/83	RANDALL R. AND MARILYN REED	BEREA OIL AND GAS CORPORATION	438.13	3.00	$10/A	1/8	$11/A	
5	0	0000	527	1/83	RAYMOND AND MAYSEL GAYNOR	BEREA OIL AND GAS	10.80	1.00	$6/A	1/8	$50/Y	
5	0	0000	131	12/83	REATIS F. AND LAWRENCE E. MULLENAX	CITIES SERVICE OIL AND GAS	96.00	5.00	$1/A	1/8	$1/A	
5	0	0000	597	1/83	RICHARD A. AND JOANN MORTON	BEREA OIL AND GAS	2.31	1.00	$5/A	1/8	$21.6/A	
5	0	0000	638	1/83	RICHARD BURNS	TEXAS EASTERN EXPLORATION	483.00	5.00	$.10/A	1/8	$.10/A	
5	0	0003	509	1/83	ROBERT AND DELLA LAMBERT	BEREA OIL AND GAS CORPORATION	1.06	2.00	$5/A	1/8	$47/A	
5	0	0000	0	1/83	ROBERT AND MARILYN EDWARDS	BEREA OIL AND GAS CORPORATION	290.47	5.00	$.62/A	1/8	$.17/A	
5	0	0000	135	8/83	ROBERT DOUGLAS	TEXAS EASTERN EXPLORATION	483.00	5.00	$.10/A	1/8	$.10/A	$.02/A
5	0	0000	0	5/83	ROBERT J. MARION	BEREA OIL AND GAS CORPORATION	108.25	1.00	$10/A	1/8	$46/A	
5	0	0029	358	3/83	ROBERT L. HUFFMAN	BEREA OIL AND GAS CORPORATION	68.90	1.00	$4/A	1/8		
5	0	0000	65	6/83	ROBERT M. AND DORIS I. PIGOTT	BEREA OIL AND GAS	33.00	3.00	$5/A	1/8	$1.5/A	
5	5	20	631	3/83	S. DUNN	BEREA OIL & GAS	.50	1.00	$5/A	1/8	$50/M	
5	0	0000	0	6/83	SAM D. FORE, JR.	BEREA OIL AND GAS CORPORATION	.60	1.00	$5/A	1/8	$83/A	
5	0	0000	631	2/83	SARAH ANN DUNN	BEREA OIL AND GAS	.50	1.00	$5/A	1/8	$100/A	
5	0	0000	82	6/83	T. L. HOLIPSKI	BEREA OIL AND GAS	1.05	1.00	$5/A	1/8	$47/A	
5	0	0000	642	1/83	WALKER AND VIRGINIA KIRBY	TEXAS EASTERN EXPLORATION COMPANY	483.00	5.00	$10/A	1/8	$10/A	
5	0	0000	572	1/83	WALKER KIRBY	TEXAS EASTERN EXPLORATION	483.00	5.00	$.10/A	1/8	$.10/A	$.02/A
5	.	21	88	9/83	WESTERN MARYLAND	AMOCO	56,045.90	.00	$1/A		$2/A	
5	0	0000	645	1/83	WILLARD AND MAUREEN LINDSEY	TEXAS EASTERN EXPLORATION COMPANY	483.00	5.00	$10/A	1/8	$10/A	
5	0	0000	605	1/83	WILLARD LINDSEY	TEXAS EASTERN EXPLORATION	483.00	5.00	$.10/A	1/8	$.10/A	$.02/A
5	0	0000	531	1/83	WILLIAM AND EDITH PHELPS	BEREA OIL AND GAS	15.20	3.00	$5/A	1/8	$50/Y	
5	0	0000	537	1/83	WILLIAM AND RUTH EDWARDS	BEREA OIL AND GAS	290.47	5.00	$1/A	1/8	$50/Y	
5	0	0000	195	7/84	ADAM AND NAOMI JUDY, JR.	BEREA OIL AND GAS CORPORATION	.95	3.00	$105/A	1/8	$53/A	
5	0	0000	177	7/84	ASA AND GRACE PENNINGTON	BEREA OIL AND GAS CORPORATION	7.85	3.00	$13/A	1/8	$6/A	
5	0	0000	173	7/84	ASA AND GRACE PENNINGTON	BEREA OIL AND GAS CORPORATION	.25	3.00	$400/A	1/8	$200/A	
5	0	0000	175	7/84	ASA AND GRACE PENNINGTON	BEREA OIL AND GAS CORPORATION	1.00	3.00	$100/A	1/8	$50/A	
5	0	0000	179	7/84	ASA AND GRACE PENNINGTON	BEREA OIL AND GAS CORPORATION	3.50	3.00	$29/A	1/8	$14/A	
5	0	0004	6617	12/84	BOYD AND SUSANNE SMITH	BEREA OIL AND GAS CORPORATION	93.00	5.00	$5/A	1/8	$.54/A	
5	0	0000	270	11/84	CARL M. AND MARY JANE HEDRICK	SUN EXPLORATION AND PRODUCTION	86.00	5.00	$2/A	1/8	$1/A	
5	0	0000	266	10/84	CHARLES H. AND ROSA M. CANFIELD	SUN EXPLORATION AND PRODUCTION	25.00	5.00	$1/A	1/8	$1/A	
5	0	0000	303	12/84	CLARENCE W. AND MONICA E. HALLER	SUN EXPLORATION AND PRODUCTION	50.00	5.00	$2.5/A	1/8	$1/A	
5	0	0000	319	10/84	DOLLY J. WILES	CNG DEVELOPMENT	60.00	5.00	$1/A	1/8		
5	0	0004	7085	12/84	DONALD G. WEISS, ET AL	CNG DEVELOPMENT COMPANY	2,856.97	5.00	$1/A	1/8		

OIL AND GAS SALES AND LEASE REPORT

R G N	ST	OI BOOK	DEED PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	0	0000	207	8/84	DONALD L. ARONHOLT	HYDROCARBON ENERGIES	585.00	3.00	$2/A	1/8		
5	0	0000	307	11/84	DOVEY B. AND ROBERT L. MILLER	CNG DEVELOPMENT	16.00	5.00	$2/A	1/8		
5	0	0000	258	10/84	EDWARD F. HYATT	BEREA OIL AND GAS	3.90	1.00	$5/A	1/8	$12.8/A	
5	0	0000	260	10/84	EDWARD F. HYATT, ET AL	BEREA OIL AND GAS	4.00	1.00	$5/A	1/8	$12.5/A	
5	0	0000	160	7/84	ELIZABETH A. VILSECK	UNION DRILLING, INC.	445.00	10.00	$3/A	1/8		
5	0	0000	311	11/84	ELMER AND SYLVIA MULLENAX	CNG DEVELOPMENT	76.00	5.00	$2/A	1/8		
5	0	0000	273	10/84	ELMER J. MULLENAX, ET AL	SUN EXPLORATION AND PRODUCTION	163.00	5.00	$2/A	1/8	$1/A	
5	0	0000	247	9/84	ELMO D. AND ENID WILES	CNG DEVELOPMENT	114.00	5.00	$2/A	1/8		
5	0	0000	293	10/84	EUNICE C. MATHENY, ET AL	BEREA OIL AND GAS	280.00	5.00	$2/A	1/8	$.18/A	
5	0	0000	281	12/84	F. LOUVERE BURNS	BEREA OIL AND GAS	93.00	5.00	$5/A	1/8	$.54/A	
5	0	0000	238	10/84	FEASTER AND JEAN B. WOLFORD	BEREA OIL AND GAS	1.00	1.00	$10/A	1/8	$50/A	
5	0	0000	287	12/84	FORREST L. AND HARRIE N. MILLER	BEREA OIL AND GAS	93.00	5.00	$5/A	1/8	$.54/A	
5	0	0000	283	12/84	GERALDINE SMITH WILKING	BEREA OIL AND GAS	93.00	5.00	$5/A	1/8	$.54/A	
5	0	0000	213	8/84	GORDON AND ELVA ANNE WOLFORD	BEREA OIL AND GAS	1.00	3.00	$100/A	1/8	$50/A	
5	0	0003	670	7/84	HILLMAN COAL COMPANY	CRUDE OIL AND GAS , INC.	445.00	5.00	$5/A	1/8		
5	0	0000	276	11/84	HUGH G. DUNMIRE, ET AL	SUN EXPLORATION AND PRODUCTION	60.00	5.00	$2/A	1/8	$1/A	
5	0	0000	211	8/84	JAMES C. AND LINDA B. NELSON	BEREA OIL AND GAS	2.00	3.00	$50/A	1/8	$25/A	
5	0	0000	0	10/84	KENNETH AND DORA BOLYARD	CNG DEVELOPMENT COMPANY	58.00	5.00	$2/A	1/8		
5	0	0000	317	11/84	LESTER R. AND ORLEN MULLENAX	CNG DEVELOPMENT	166.50	5.00	$2/A	1/8		
5	0	0000	296	10/84	MARY V. NORMAN, ET AL	BEREA OIL AND GAS	280.00	5.00	$1/A	1/8	$.18/A	
5	11	21	127	1/84	M. HILE	CITIES SERVICE	91.00	10.00	$1/A	1/8	$1/A	
5	0	0000	279	11/84	MAN L. AND EDWARD HYATT	BEREA OIL AND GAS	145.00	3.00	$5/A	1/8	$.34/A	
5	0	0000	289	12/84	NETTIE L. CASSIDY	BEREA OIL AND GAS	93.00	5.00	$5/A	1/8	$.54/A	
5	0	0004	6619	12/84	OAKEY A. SMITH	BEREA OIL AND GAS CORPORATION	93.00	5.00	$5/A	1/8	$.54/A	
5	0	0000	300	11/84	OWEN ALLEN AND JOAN L. PARSONS	BEREA OIL AND GAS	19.00	5.00	$1/A	1/8	$1/A	
5	0	0004	6618	12/84	REGINALD AND JACQUELINE COOPER	BEREA OIL AND GAS CORPORATION	93.00	5.00	$5/A	1/8	$.54/A	
5	0	0000	191	7/84	RICHARD AND ADREA HEDRICK	BEREA OIL AND GAS CORPORATION	4.00	3.00	$25/A	1/8		
5	0	0000	151	3/84	RICHARD T. AND PAULINE M. CORDER	BEREA OIL AND GAS	152.30	5.00	$3/A	1/8	$.33/A	
5	0	0000	193	9/84	ROBERT AND FLODA LAMBERT	BEREA OIL AND GAS CORPORATION	2.50	3.00	$40/A	1/8	$20/A	
5	0	0000	158	6/84	ROBERT J. HARMAN	BEREA OIL AND GAS CORPORATION	108.25	1.00	$.92/A	1/8		
5	0	0000	165	5/84	ROBERT LEE HUFFMAN, ET AL	BEREA OIL AND GAS	68.90	1.00	$20/A	1/8	$.73/A	
5	0	0000	163	5/84	ROBERT LEE HUFFMAN, ET AL	BEREA OIL AND GAS	24.50	1.00	$20/A	1/8	$12/A	
5	0	0000	167	6/84	SAMUEL J. AND EFFIE YODER	BEREA OIL AND GAS	195.00	1.00	$20/A	1/8	$.25/A	
5	0	0000	243	9/84	THEODORE T. AND VIRGINIA C. DORMAN	CNG DEVELOPMENT	111.50	5.00	$1/A	1/8		
5	0	0003	670	7/84	TYGART EAST COMPANY	CRUDE OIL AND GAS , INC.	890.00	5.00	$5/A	1/8		$5/A
5	0	0000	161	7/84	VIRGIL AND THILA WOLFORD	BEREA OIL AND GAS CORPORATION	2.00	3.00	$5/A	1/8	$25/A	
5	0	0000	291	12/84	VIRGIL J. SPENCER	BERTEA OIL AND GAS	93.00	5.00	$5/A	1/8	$.54/A	
5	0	0000	226	10/84	VIRGINIA D. CRAWFORD	BEREA OIL AND GAS	1.79	3.00	$56/A	1/8	$28/A	
5	0	0000	285	12/84	W. AND MYRTLE BAILEY	BEREA OIL AND GAS	93.00	5.00	$5/A	1/8	$.54/A	
5	0	0000	390	6/85	CAROL M. BURKE	UNION DRILLING	23.20	5.00	$3/A	1/8	$3/A	
5	0	0000	380	5/85	CHARLES A. AND LEONA E. EVANS	UNION DRILLING	7.00	5.00	$3/A	1/8	$3/A	
5	0	0000	396	6/85	CHARLES R. AND FAY E. SELL	UNION DRILLING	23.20	5.00	$3/A	1/8	$3/A	
5	0	0000	357	4/85	DORIS G. AND JAMES H. FEASTER	UNION DRILLING	129.00	5.00	$3/A	1/8	$3/A	
5	0	0000	377	5/85	INA B. AND GILBERT L. HEINLINE	UNION DRILLING	7.00	5.00	$3/A	1/8	$3/A	
5	0	0000	393	6/85	JOHN W. AND GAIL F. MILLER	UNION DRILLING	23.20	5.00	$3/A	1/8	$3/A	
5	0	0000	575	1/85	MARY JEAN DAILEY HORN	TEXAS EASTERN EXPLORATION	483.00	5.00	$.10/A	1/8	$.10/A	$.03/A
5	0	0000	569	1/85	REBECCA H. DAILEY WARNER	TEXAS EASTERN EXPLORATION	483.00	5.00	$.10/A	1/8	$.10/A	
5	0	0000	374	5/85	RICHARD L. AND PEGGY L. NIEMAN	UNION DRILLING	21.00	5.00	$3/A	1/8	$3/A	
5	0	0000	578	1/85	ROBERT WOOD DAILEY	TEXAS EASTERN EXPLORATION	483.00	5.00	$.10/A	1/8	$.10/A	$.10/A

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
S	0	0000	383	5/85	RUBY R. KOPP	CNG DEVELOPMENT	140.00	7.00	$2/A	1/8	$.50/A	
S	0	0000	403	6/85	SARAH J. AND LUTHER E. DILLON	UNION DRILLING	11.76	5.00	$3/A	1/8	$3/A	
S	0	0000	399	6/85	SARAH J. AND LUTHER E. DILLON	UNION DRILLING	111.00	5.00	$3/A	1/8	$3/A	
S	0	0000	387	5/85	SUE ARMENTROUT	UNION DRILLING	149.00	5.00	$3/A	1/8	$3/A	
S	0	0004	7084	2/85	THEODORE AND VIRGINIA DORHAN	CNG DEVELOPMENT COMPANY	140.00	5.00	$1/A	1/8		

*** COUNTY TOTAL *** 93,745.09

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	6		403	12/79	A. CARSE	E. CARR	157.00	5.00	$5/A	1/8		
3	.		140	5/79	B. BOYD	J. RICHMOND	208.00	2.00	$1/A	1/8	$50/W	
3	5	219	369	4/79	CLYDE VARNER	TOWER DRILLING	102.00	5.00	$2/AC	1/8	$50/W	
3	1		35	7/79	E. BAKER	KEY OIL	87.00	3.00	$5/AC	1/8		
3	6		441	6/79	F. BAKER	A. HIGHFIELD	69.00	2.00	$5/A	1/8	$50/W	
3	6	219	441	6/79	F.C. & ETTA BAKER	ANNA HIGHFIELD	69.00	2.00	$5/AC	1/8	$50/W	
3	2		320	8/79	H. BOGGS	J. DOAN	177.00	15.00	$1/A	1/8	$50/W	
3	2		451	8/79	I. PIERCE	J. RICHMOND	105.00	5.00	$1/A	1/8	$50/W	
3	5		584	12/79	J. BAILEY	STERLING DRILLING	62.00	5.00	$3/A	1/8		
3	6		107	9/79	J. BYERS	KEY OIL	102.00	3.00	$3/A	1/8	$50/W	
3	10		311	11/79	J. COOMBS	J. POPE	250.00	3.00	$2/A	1/8	$2/A	
3	5		545	10/79	K. BROKER	W. HAUGHT	127.24	1.00	$2/A	1/8		
3	4		133	9/79	L. BILLITER	J. RICHMOND	70.00	5.00	$2/A	1/8		
3	10		437	12/79	L. HIGAM	E. CARR	82.00	1.00	$3/A	1/8		
3	1	220	29	6/79	L.S. TAGGERT	KEY OIL CO.	100.50	3.00	$5/AC	1/8		
3	6	219	435	5/79	LENA MCMULLEN ETAL	C.W. RIGGS	175.00	.50		1/8		
3	1		484	8/79	M. ASH	KEY OIL	41.95	3.00	$2.50/A	1/8		
3	4		426	12/79	M. THOMAS	E. CARR	82.00	4.00	$2/A	1/8		
3	6		285	3/79	R. ANKROM	CARL E. SMITH	63.00	1.00	$2/A	1/8		
3	5		635	3/80	APPALACHIAN ROYALTIES	J & J ENTERPRISES	109.50	5.00	$3/A	1/8	$3/A	
3	4		344	./80	C. BUCK	CARTER-JONES LUMBER	165.00	5.00	$2/A	1/8	$50/W	$2/A
3	2		558	10/80	D. NEFF	STERLING DRLG.	117.00	5.00	$3/A		$3/A	
3	1	224	446	4/80	D.E. & M.J. BOWER	PETROLEUM SERVICES	107.07	.67		1/8	$50/W	
3	4	230	54	9/80	D.L. ESTEP ETAL	RICHMOND MINERAL	50.00	5.00	$2/AC	1/8	$50/W	
3	2	227	676	11/80	DOROTHY & H.P. MORRY	SANTA FE DRILLING	284.00	1.00	$10/AC	1/8	$50/W	
3	10		424	3/80	E. BROUGHMAN	BRIDGEWATER OIL	32.00	1.00		1/8	$50/W	$2/A
3	2		131	8/80	E. COUSIEN	STERLING DRILLING	35.00	10.00	$4/A	1/8	$4/A	
3	5	224	146	2/80	E.B. & DELORES LINDERWOOD	S & K LAND CO	86.00	1.00	$2/AC	1/8		
3	4		168	8/80	I. KILE	E. CARR	158.00	4.00	$3/A	1/8		
3	.		159	1/80	J. ANDERSON	J. RICHMOND	122.00	5.00	$2/A	1/8	$50/W	
3	4		445	9/80	J. BEAVER	J. DOAN	52.00	5.00	$2.50/A	1/8	$50/W	
3	4		148	3/80	L. BAGLEY	L & M ASSOCIATES	95.00	1.00		1/8		
3	4		311	2/80	L. BUCK	AED	150.00	2.00	$2/A	1/8	$2/A	$2/A
3	10		127	10/80	M. CARTEEL	E.E. STACK	133.00	3.00	$5/A	1/8	$200/W	
3	6		351	7/80	O. ANDERSON	W. LYDIC	87.00	1.00	$1/A	1/8	$50/W	
3	5		81	1/80	R. ALLEN	J. GLOVIS	38.00	2.00	$2/A	1/8	$50/W	
3	4		98	6/80	R. BOOHER	OKMAR OIL	140.00	5.00	$2/A	1/8	$50/W	$2/A
3	6		57	6/80	R. DAVIS	D. MICHELS	48.00	2.00	$2/A	1/A		
3	10		433	3/80	W. BROUGHMAN	BRIDGEWATER OIL	95.00	5.00	$5/A	1/8	$50/W	$2/A
3	2		343	9/81	A. ASH	J. DOAN	13.61	1.00		1/8		
3	10		273	9/81	A. BARNHART	CALTEK MINERALS	82.00	1.50	$10/A	1/8	$50/W	$2/A
3	5	233	521	3/81	ALBERT AYERS ETAL	KEY OIL CO	64.00	3.00	$5/AC	1/8		
3	4		335	8/81	C. AMOS	LAUDERMAN OIL & GAS	33.00	3.00	$10/A	1/8		
3	1	235	243	6/81	D.P. DAVIS ETAL	KEPCO, INC.	49.00	10.00	$2/AC	1/8	$300/Y	
3	4		410	6/81	E. BASSETT	R. BARTON	75.00	2.00	$6/A	1/8	$6/A	
3	2		265	1/81	F. BARLE	SANTA FE DRLG	52.00	2.00	$10/A	1/0	$50/W	
3	6	229	329	./81	F. LASURE	J.F. DOAN	38.00	2.00	$5/A	1/8	$50/W	
3	1	232	675	8/81	G. ANDERSON	LOPEN E. BAGLEY	50.00	1.00	$5/A	1/8		
3	6		83	10/81	H. ADAMS	L & B OIL	11.00	1.00	$5/A	1/8		

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	1		313	3/81	H. ASH HRS	BLUESTONE MINERAL	18.00	3.00	$5/A	1/8		
3	6		237	3/81	H. ASH HRS	BLUESTONE MINERAL	97.50	3.00	$2.50/A	1/8		
3	5		521	9/81	H. AYERS	KEY OIL	64.00	3.00	$5/A	1/8		
3	5	233	503	3/81	H. AYERS	KEY OIL CO	60.00	3.00	$5/A	1/8		
3	10	234	760	./81	L. GALE	EUGENE CARR	82.00	1.50	$3/A	1/8		
3	2		607	4/81	M. ANKPOM	J. RICHMOND	17.00	5.00	$1/A	1/8	$50/W	$2/A
3	1		25	7/81	M. ASH	KEPCO	30.00	10.00	$2/A	1/8	$2/A	$3/A
3	1		429	6/81	M. MCCULLOUGH	R. HADLEY	429.00	3.00	$2.85/A	1/4	$50/W	
3	.		227	3/81	P. CAREZZA	J & J ENTERPRISES	128.00	.50		1/8		
3	2	229	327	3/81	P. CAVEZZA	J & J ENTERPRISES	128.00	.50		1/8		
3	2		25	4/81	R. AMOS	PETROLEUM DEVELOPMENT	109.00	5.00	$2/A	1/8	$300/W	$300/W
3	1		606	5/81	R. ASH	L & M ASSO.	60.00	2.00	$5/A	1/8	$5/A	
3	5		600	2/81	T. REYNOLDS	PENNZOIL	14.00	10.00	$1/A	1/8		
3	6		77	2/81	W. ANDERSON	E. CARR	31.43	2.00	$5/A	1/8		
3	2		97	4/82	C. ANDERSON	W. SUTER	30.00	2.00	$15/A	1/8	$50/W	
3	2		534	1/82	C. ASH	LAUDERMAN OIL & GAS	62.00	3.00	$10/A	1/8	$50/W	
3	4		573	4/82	C. BOLEN	L & M ASSOCIATES	60.00	1.00	$15/A	1/8		
3	1		774	6/82	C. HENDERSON	PETROLEUM DEVELOPMENT	149.50	3.00	$5/A	1/8	$10/A	
3	.		371	9/82	C. JAMIESON	TETRA SYSTEMS	40.00	5.00	$10/A	1/8	$10/A	
3	1		80	8/82	D. BAKER	J. HASSEY	100.00	.50	$5/A	1/8		
3	6		139	8/82	D.E. ADAMS	COLUMBIA GAS	110.00	5.00	$.20/A	1/8		$300/W
3	2		483	3/82	F. FIBER	W. SUTER	22.00	1.00	$10/A	1/8	$50/W	
3	5	240	236	8/82	FAY & L.H. BROHARD	H & T ENERGY DEVELOPMENT	40.00	5.00	$10/AC	1/8		
3	6		305	2/82	G. BLACK	R. HADLEY	68.66	2.00	$10/A	1/8	$300/W	
3	4	240	371	./82	G. JAMIESON	TETRA SYSTEMS	40.00	5.00	$10/A	1/8	$10/A	
3	4		371	4/82	J. BRANCH	C. MUTSCHELKNAUS	222.00	1.00		1/8		
3	5	239	636	./82	J. KISER	APPALACHIAN ROYALTIES	176.00	5.00	$.66/A	1/8		
3	5	240	325	./82	J. KISER	ALLEGHANY LAND & MINERALS	176.00	2.00	$.66/A	1/8		
3	1		408	9/82	L. BAGLEY	RITCHIE PETROLEUM	52.12	1.00	$5/A	1/8		
3	2		526	3/82	N. BAKER	K. REYNOLDS	16.00	2.00	$5/A	1/8		
3	1		740	7/82	O. ANDERSON	K. REYNOLDS	87.00	1.00	$10/A	1/8		
3	5		410	11/82	P. KYLE	QUAKER STATE	111.00	5.00	$1/A	1/8		$2/A
3	6		649	1/82	R. BAKER	VESSEL RESOURCES	174.13	1.00	$10/A	1/8	$50/W	
3	10	238	456	3/82	RUTH FISH	LAUDERMAN OIL & GAS	62.50	2.00	$5/A	1/8	$50/W	
3	4		425	7/83	C. AMOS	F. WILSON	33.00	3.00	$10/A	1/8	$50/W	
3	2		433	7/83	C. ASH	F. WILSON	62.00	2.00	$10/A	1/8	$50/W	
3	2		361	6/83	E. ALLEN	DAVID LON	40.00	1.00	$10/A	1/8	$10/A	
3	2		449	8/83	G. WOOD	F. WILSON	84.00	2.00	$10/A	1/8	$50/W	
3	6		547	10/83	L. ARNETT	W.V. ENERGIES	110.00	2.00	$10/A	1/8	$300/W	
3	1		557	./83	L. BARBOUR	EXXON	100.00	10.00		1/8	$50/W	
3	5		328	5/83	M. MCVANEY	QUAKER ST.	85.00	2.00	$1/A	1/8	$1/A	$2/A
3	6		432	9/83	N. MARTIN	CONSOLIDATED GAS	80.00	.00	$2/A			
3	6		352	2/83	O. ANDERSON	RITCHIE PETROLEUM	87.00	1.00	$2.50/A	1/8		
3	6		288	11/83	O. DAILY HRS.	GENE STALNAKER	66.03	1.00	$5/A	1/8	$5/A	
3	1		640	10/83	O. LEWIS	J & J ENTEPPRISES	70.00	2.00	$3/A	1/8		
3	5		335	5/83	O. MOORE	QUAKER ST.	76.93	2.00	$1/A	1/8	$1/A	$2/A
3	2		549	6/83	P. CAVEZZA	CARL E. SMITH PETROLEUM	132.43	3.00	$10/A	1/8		
3	10		299	6/83	R. AYERS	CARL E. SMITH PETROLEUM	82.00	3.00	$5/A	1/8		
3	2		216	9/83	R. BOOR	CARL E. SMITH PETPOLEUM	26.00	3.00	$10/A	1/8		

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	6		37	9/83	R/ NAO;EU	W.V. ENERGIES	110.00	2.00	$10/A	1/8	$300/W	
3	4		68	1/83	T BRANCH	TETRA SYSTEMS	220.00	5.00	$10/A	1/8	$10/A	
3	10		16	7/83	M. BARNHART	XCO RESOURCES	82.00	.08	$20/A	1/8	$20/A	
						*** COUNTY TOTAL ***	9,334.10					

STATE OF WEST VIRGINIA
DEPARTMENT - TAX
DIVISION - L G R
COUNTY - 50-WAYNE

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OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	2	61	665	8/78	C. CYRUS	DEVON CORP & EASON OIL CO	404.00	1.00	$2/A	1/8	$2/A	
4	1	61	784	4/79	A. ALDERSON	APP EXPLORATION & DEVELOPMENT INC.	196.00	10.00	$1/A	1/8		$2/A
4	10	61	712	1/79	B. ASBURY	COLUMBIA GAS TRANS. CORP.	25.00	2.00	$1/A	1/8		$300/W
4	2	62	18	12/79	C. CZOMPO	DEVON CORP & EASON OIL CO	728.00	1.00	$2/A	1/8	$2/A	
4	.	62	27	12/79	E EKERS	DEVON CORP & EASON OIL CO	115.50	10.00		1/8	$2/A	
4	2	62	57	12/79	H. LEACH	APP EXPLORATION & DEVELOPMENT, INC.	65.80	5.00	$2/A	1/8	$2/A	
4	1	62	38	5/79	H. MUNLEY	COLUMBIA GAS TRANSMISSION	105.00	2.00	$1/A	1/8	$1/A	$300/W
4	.	61	757	4/79	R ADKINS	O & O GAS CO	92.00	5.00	$2/A	1/8		
4	0	61	790	7/79	R. ARTRIP	COLUMBIA GAS TRANS CORP	25.00	3.00	$1/A	1/8		$300/W
4	1	62	11	11/79	S. ENDICOTT	DEVON CORP & EASON OIL CO	77.00	3.00	$2/A	1/8	$2/A	
4	10	62	229	9/80	B. ASBURY	RICHARD J. WRIGHT	160.00	1.00	$1/A	1/8	$1/A	$1/A
4	1	62	248	10/80	C. THOMPSON	COLUMBIA GAS TRANSMISSION	76.00	5.00	$1/A	1/8	$1/A	$300/W
4	.	62	273	12/80	D. MANGUS	DELTA-MIKE, INC.	11.80	1.00	$2/A	1/8		
4	1	62	153	4/80	E CRABTREE	DEVON CORP & EASON OIL CO	49.00	5.00	$2/A	1/8	$2/A	
4	2	62	252	11/80	F. OLMSTEAD	DEVON CORP & EASON OIL CO	56.00	3.00	$3/A	1/8	$2/A	
4	10	62	131	3/80	G. BARTRAM, JR.	APP EXPLORATION & DEVELOPMENT, INC.	20.00	1.00	$2/A	1/8	$2/A	$2/A
4	10	62	231	9/80	G. JONES	RICHARD J. WRIGHT	130.00	5.00	$1/A	1/8	$1/A	$1/A
4	1	62	72	2/80	H. BELLOMY	PRIOR OIL CO	100.00	5.00	$3/A	1/8		
4	2	62	150	4/80	L. HATTEN	DEVON CORP & EASON OIL CO	104.00	5.00	$2/A	1/8	$2/A	
4	1	62	156	4/80	M. BLACKBURN	DEVON CORP & EASON OIL CO	58.00	3.00		1/8	$2/A	
4	2	62	195	6/80	O. HUTCHINSON	DEVON CORP & EASON OIL CO	92.00	5.00		1/8	$2/A	
4	2	62	188	5/80	O. PRESTON	DEVON CORP & EASON OIL CO.	325.75	5.00	$2/A	1/8	$2/A	
4	2	62	107	2/80	W BROWN	DEVON CORP & EASON OIL CO	185.50	10.00		1/8	$2/A	
4	10	62	364	4/81	B. CAREY	CABOT OIL & GAS CORP.	60.00	5.00	$2/A	1/8	$2/A	$2/A
4	9	62	398	4/81	C. ALDERSON	CABOT OIL & GAS CORP	115.00	5.00	$2/A	1/8	$2/A	$2/A
4	10	62	432	5/81	E. CHINN	CABOT OIL & GAS CORP.	46.00	5.00	$2/A	1/8A	$2/A	$2/A
4	10	62	376	4/81	E. CYRUS	CABOT OIL & GAS CORP	254.00	5.00	$2/A	1/8	$2/A	
4	1	62	538	9/81	F. CHRISTIAN	DEVON ENERGY CORP & EASON OIL CO.	36.00	5.00	$2/A	1/8	$2/A	
4	.	62	348	3/81	F. CRABTREE	MILLS DRILLING CO INC OF WAYNE WV	88.00	2.00	$2/A	1/8		
4	1	62	352	4/81	G. BARTRAM JR	CABOT OIL & GAS CORP.	215.00	1.00	$2/A	1/8	$2/A	$2/A
4	10	62	310	2/81	J. BOOTH	CABOT OIL & GAS CORP.	103.00	5.00	$2/A	1/8	$2/A	$2/A
4	1	63	185	12/81	J. SMITH	COLUMBIA GAS TRANSMISSION	112.00	5.00	$2/A	1/8	$2/A	$300/W
4	2	62	414	5/81	L. COURTNEY	ENERGEX OIL & GAS CORP.	87.00	3.00	$3.50/A	1/8	$50/W	
4	.	62	402	5/81	R. CHIARENZELLI	EUGENE DEPPERSCHMIDT	93.50	2.00	$5/A	1/8		
4	2	62	609	12/81	R. DAVIS	DEVON ENERGY CORP & EASON OIL CO.	50.00	5.00	$2/A	1/8	$2/A	
4	1	63	189	12/81	T. ADKINS	COLUMBIA GAS TRANSMISSION	33.00	10.00	$2/A	1/8	$2/A	$300/W
4	1	62	342	3/81	T.ASBURY	ENERGEX OIL & GAS CORP.	129.00	1.00		1/8		
4	1	63	135	3/82	A. CROCKETT	NEW FRONTIER EXPLORATION, INC.	54.00	3.00	$9/A	1/8		
4	1	63	51	3/82	B BRANHAM	NEW FRONTIER EXPLORATION, INC.	55.00	3.00	$9/A	1/8		
4	10	63	84	3/82	C. BURTON	TOM F. MAPSH INC.	70.00	5.00	$5/A	1/8		
4	8	63	1	2/82	C. HOLT	NEW FRONTIER EXPLORATION	70.00	3.00	$5/A	1/8	$5/A	
4	0	0063	24	3/82	CECIL AND WANDA PAULEY, ET AL	NEW FRONTIER EXP.	26.00	1.00	$9/A	1/8	$9/A	
4	0	0063	30	2/82	CECIL AND WANDA PAULEY, ET AL	NEW FRONTIER EXP.	51.00	3.00	$9/A	1/8	$9/A	
4	2	63	60	3/82	D. AKERS	NEW FRONTIER EXPLORATION, INC.	47.00	3.00	$9/A	1/8		
4	9	63	13	2/82	E. ADKINS	D.C. MALCOLM	45.00	2.00	$2/A	1/8	$50/W	$2/A
4	12	62	750	2/82	E. DONAHOE	NEW FRONTIER EXPLORATION, INC.	43.00	3.00	$5/A	1/8		
4	11	63	556	5/82	E. PENNINGTON	COLUMBIA GAS TRANSMISSION	23.00	3.00	$2/A	1/8	$2/A	$300/W
4	.	63	386	4/82	EMERY CASSADY ESTATE	NEW FRONTIER EXPLORATION, INC.	150.00	3.00	$9/A	1/8		
4	10	63	608	12/82	G. BARTRAM	PIP PETROLEUM CORP	215.00	2.00	$5/A	1/8		

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4	0		0063	40	2/82	GLEN AND FLORIDA JOHNSON	NEW FRONTIER EXP.	65.00	1.00	$9/A	1/8	$9/A	
4	0		0063	38	2/82	GLEN AND FLORIDA JOHNSON	NEW FRONTIER EXP.	95.00	3.00	$9/A	1/8	$9/A	
4	.		62	697	1/82	H. ASBURY	GAS SUPPLY CORP	97.00	1.00	$2/A	1/8		
4	10		63	303	3/82	J. DARLING	TOM F. MARSH INC.	65.00	5.00	$4.40/A	1/8		$2/A
4	8		63	4	2/82	J. HARDWICK	NEW FRONTIER EXPLORATION	101.00	3.00	$5/A	1/8	$5/A	
4	8		63	8	2/82	J.L. FERGUSON	NEW FRONTIER EXPLORATION	113.00	3.00	$5/A	1/8	$5/A	
4	0		0063	18	3/82	JOHN AND HAZEL PLYMALE	NEW FRONTIER EXP.	64.00	.50	$5/A	1/8	$5/A	
4	0		0063	21	3/82	JOHN AND SIDDIE PERRY	NEW FRONTIER EXP.	18.00	1.00	$5/A	1/8	$5/A	
4	0		0063	15	3/82	KENNETH AND ELLEN WELLMAN	NEW FRONTIER EXP.	21.00	1.00	$9/A	1/8	$9/A	
4	10		62	762	2/82	L. BLATT	TOM F. MARSH	114.00	3.00	$5/A	1/8		$5/A
4	8		62	802	2/82	L. JARRELL	NEW FRONTIER EXPLORATION, INC.	60.00	3.00	$9/A	1/8		
4	.		63	11	2/82	M. ADKINS	B.C. MALCOLM	65.00	2.00	$2/A	1/8	$50/M	$2/A
4	1		63	181	5/82	M. HUNLEY	COLUMBIA GAS TRANSMISSION	105.00	10.00	$2/A	1/8	$2/A	$300/M
4	1		62	756	2/82	T. ASBURY	NEW FRONTIER EXPLORATION, INC.	129.00	2.00	$9/A	1/8		
4	0		0063	33	2/82	WILLIS AND WANDA NAPIER	NEW FRONTIER EXP.	47.00	3.00	$9/A	1/8	$9/A	
4	10		63	748	6/83	A. BROWNING	COLUMBIA GAS	20.00	5.00	$1/AC	1/8	$1/AC	$300/M
4	10		63	664	3/83	C. BOOTH	DEVON ENERGY CORP	81.00	5.00	$4/AC	1/8	$50/M	
4	10		64	73	8/83	C. CROCKETT	COLUMBIA GAS TRANS CORP	38.50	10.00	$1/A	1/8		$300/M
4	0		0063	637	1/83	EDGAR AND ISABEL LOAR, JR.	DEVON ENERGY	61.00	2.00	$2/A	1/8	$2/A	
4	0		0063	659	3/83	FLETCHER AND DOROTHY LYCANS	CABOT OIL AND GAS	83.00	2.00	$3/A	1/8	$3/A	$2/A
4	2		63	788	7/83	H. ALLEY	ALLEGHENY & WESTERN	46.00	2.00	$5/AC	1/8	$50/M	
4	2		63	695	4/83	H. DEAN	DEVON ENERGY CORP	65.00	5.00		1/8	$4/AC	
4	2		63	679	3/83	J ELLIS	CABOT	64.00	5.00	$2/AC	1/8		$2/AC
4	2		63	698	4/83	J. CYRUS	DEVON ENERGY CORP	98.00	2.00	$2/AC	1/8	$50/M	
4	10		64	17	8/83	T CURTIS	COLUMBIA GAS TRANS CORP	80.00	5.00	$1/A	1/8		$300/M
4	2		63	802	7/83	V. ARTHUR	ALLEGHENY & WESTERN	50.00	2.00	$5/AC	1/8	$50/M	$2/AC
4	11		64	219	11/83	W. BOOTHE	ALLEGHENY & WESTERN	198.42	2.00	$5/AC	1/8	$50/M	$2/AC
4	0		0063	648	2/83	WALTER AND FAYE PLYBON	UNION DRILLING	100.00	5.00	$5/A	1/8	$5/A	
4	0		0063	640	1/83	WILLIAM HAYTON AND VIRGINIA MOORE	DEVON ENERGY	4.25	1.00	$2/A	1/8	$2/A	
4	0		0063	644	2/83	WILLIAM HAYTON AND VIRGINIA MOORE	DEVON ENERGY	41.57	1.00	$2/A	1/8	$2/A	
4	0		0064	282	1/84	AGEE DEPARTMENT STORES	ALLEGHENY AND WESTERN	176.00	3.00	$5/A	1/8	$50/Y	$2/A
4	0		0064	284	1/84	AGEE DEPARTMENT STORES	ALLEGHENY AND WESTERN	113.25	3.00	$5/A	1/8	$50/Y	$2/A
4	9		64	280	1/84	AGEE DEPT STORES	ALLEGHENY & WESTERN	227.63	3.00	$5/AC	1/8	$50/M	$2/AC
4	0		0064	292	1/84	BLANCHE HOLLISTER	ALLEGHENY AND WESTERN	172.00	5.00	$5/A	1/8	$50/Y	$2/A
4	0		0064	298	1/84	CHARLES AND CONNIE MCCAGG	ALLEGHENY AND WESTERN	76.00	5.00	$5/A	1/8	$50/Y	
4	0		0064	296	1/84	HAZEL AND VERNON AYERS	ALLEGHENY AND WESTERN	66.00	5.00	$5/A	1/8	$50/Y	$2/A
4	0		0064	300	1/84	J. G. LAMBERT, ESTATE	ALLEGHENY AND WESTERN	964.00	5.00	$5/A	1/8	$50/Y	$2/A
4	0		0064	294	1/84	LARRY AND ANNA MATTHEWS	ALLEGHENY AND WESTERN	172.00	5.00	$5/A	1/8	$50/Y	$2/A
4	0		0064	288	1/84	OPAL HALLIDAY	ALLEGHENY AND WESTERN	172.00	5.00	$5/A	1/8	$50/Y	$2/A
4	0		0064	290	1/84	ROBA MATTHEWS	ALLEGHENY AND WESTERN	172.00	5.00	$5/A	1/8	$50/Y	$2/A
4	0		0064	286	1/84	THURLEY M. ZABOR	ALLEGHENY AND WESTERN	172.00	5.00	$5/A	1/8	$50/Y	$2/A
4	0		0065	44	9/85	ADKINS, ALDERSON	YANKEE EXPLORATION	22.00	1.00	$15/A	1/8	$15/A	
4	0		0065	1	8/85	ADKINS, F. JR.	CABOT OIL AND GAS	189.00	5.00	$4/A	1/8	$2/A	$2/A
4	0		0065	40	9/85	ADKINS, GENEVA	CABOT OIL AND GAS	50.60	5.00	$4/A	1/8	$2/A	$2/A
4	0		0064	694	4/85	ADKINS, GLEN	MICHAEL DAVIS	27.00	2.00	$7/A	1/8		
4	0		0064	692	4/85	ADKINS, LESLIE	MICHAEL DAVIS	50.00	2.00	$5/A	1/8	$50/Y	
4	0		0065	7	8/85	ADKINS, MILDRED	CABOT OIL AND GAS	41.00	5.00	$4/A	1/8	$2/A	$2/A
4	0		0065	38	9/85	ADKINS, OLEN II	CABOT OIL AND GAS	16.00	5.00	$4/A	1/8	$2/A	$2/A
4	0		0064	673	2/85	ANNA AND ROY DAVIS	TXO PRODUCTION	142.00	2.00	$5/A	1/8	$5/A	

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
4	0	0064	738	4/85	ASBURY, BARNEY	CABOT OIL AND GAS	742.00	3.00	$5/A	1/8	$2/A	$2/A
4	0	0065	88	10/85	ASBURY, BARNEY	CABOT OIL AND GAS	25.00	3.00	$5/A	1/8	$2/A	$2/A
4	0	0064	702	4/85	ASBURY, TONI	YANKEE EXPLORATION	129.00	1.00	$9/A	1/8	$9/A	
4	0	0065	3	8/85	BECKETT, ADELE	CABOT OIL AND GAS	71.20	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	94	11/85	BLANKENSHIP, F.	CABOT OIL AND GAS	79.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	9	8/85	BOOTH, JAMES	CABOT OIL AND GAS	103.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	19	8/85	BOYLIN, J.	YANKEE EXPLORATION	44.00	1.00	$15/A	1/8	$15/A	
4	0	0065	23	8/85	CAREY, DALLAS	CABOT OIL AND GAS	60.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0064	652	2/85	CARL AND CHRISTINE LEMASTER	TXO PRODUCTION	142.00	2.00	$5/A	1/8	$5/A	
4	0	0063	27	3/85	CECIL AND HAMDA PAULEY, ET AL	NEW FRONTIER EXP.	35.00	1.00	$10/A	1/8	$10/A	
4	0	0064	669	2/85	CLARENCE AND JEAN LEMASTER	TXO PRODUCTION	142.00	2.00	$5/A	1/8	$5/A	
4	0	0064	657	2/85	CLARENCE AND LOUIE LEMASTER	TXO PRODUCTION	142.00	2.00	$5/A	1/8	$5/A	
4	0	0064	647	2/85	DAVID AND MARY LEMASTER	TXO PRODUCTION	142.00	2.00	$5/A	1/8	$5/A	
4	0	0065	52	9/85	DEAN, ETHEL	CABOT OIL AND GAS	55.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	50	9/85	DEAN, RONALD	CABOT OIL AND GAS	55.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	138	12/85	ESTLER, DAVE	CABOT OIL AND GAS	288.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	86	10/85	FERGUSON, EARL	CABOT OIL AND GAS	290.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	100	11/85	FERGUSON, W.	CABOT OIL AND GAS	61.00	5.00	$5/A	1/8	$2/A	$2/A
4	0	0064	645	1/85	FLORIENE LESTER	CABOT OIL AND GAS	134.00	5.00	$3/A	1/8	$3/A	$2/A
4	0	0065	48	9/85	FRY, BESSIE	CABOT OIL AND GAS	60.00	3.00	$5/A	1/8	$5/A	$5/A
4	0	0064	640	1/85	GRANT AND SARAH HALE, ET AL	CABOT OIL AND GAS	23.00	5.00	$5/A	1/8	$5/A	$2/A
4	0	0065	34	9/85	HARRISON, WM. ET AL	CABOT OIL AND GAS	202.50	3.00	$5/A	1/8	$5/A	$2/A
4	0	0064	642	1/85	HOWARD AND JANET OSWALD	UNION DRILLING	137.00	5.00	$5/A	1/8	$5/A	
4	0	0064	661	2/85	IRENE AND ARTHUR HAWKINS	TXO PRODUCTION	142.00	2.00	$5/A	1/8	$5/A	
4	0	0064	665	2/85	JANET ESTEP	TXO PRODUCTION	142.00	2.00	$5/A	1/8	$5/A	
4	0	0065	80	10/85	LEACH, MARIAN	CABOT OIL AND GAS	75.00	5.00	$5/A	1/8	$2/A	$2/A
4	0	0065	82	10/85	LEACH, MARIAN	CABOT OIL AND GAS	33.00	5.00	$5/A	1/8	$2/A	$2/A
4	0	0064	677	3/85	LESTER, F.	CABOT OIL AND GAS	134.00	5.00	$3/A	1/8	$3/A	$2/A
4	0	0065	102	11/85	MAY, RALPH	CABOT OIL AND GAS	100.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	30	8/85	MCSWEENEY, THOMAS	CABOT OIL AND GAS	160.00	5.00	$4/A	1/8	$2/A	
4	0	0065	84	10/85	MESSNER, MARK	CABOT OIL AND GAS	117.00	5.00	$4/A	1/8	$2/A	
4	0	0065	5	8/85	NELSON, DONALD	CABOT OIL AND GAS	49.70	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	32	8/85	PEAKE, SARAH	CABOT OIL AND GAS	87.31	5.00	$4/A	1/8	$2/A	$2/A
4	0	0064	811	7/85	RIGGS, GLENN	YANKEE EXPLORATION	170.00	3.00	$15/A	1/8	$15/A	
4	0	0065	11	8/85	ROBERTSON, ENOCH	YANKEE EXPLORATION	61.00	1.00	$15/A	1/8	$15/A	
4	0	0065	36	9/85	SMITH, RALPH	CABOT OIL AND GAS	114.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	92	11/85	SPENCE, ODIS	CABOT OIL AND GAS	50.00	5.00	$4/A	1/8	$2/A	
4	0	0065	54	9/85	STEPHENSON, JOHN	CABOT OIL AND GAS	57.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	96	11/85	STEPHENSON, JOHN	CABOT OIL AND GAS	70.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	98	11/85	STILTNER, A. JR.	CABOT OIL AND GAS	80.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0064	705	4/85	VINSON, L.	YANKEE EXPLORATION	127.00	2.00	$9/A	1/8	$9/A	
4	0	0064	772	6/85	WALLACE, JAKIE	YANKEE EXPLORATION	63.00	3.00	$15/A	1/8	$15/A	
4	0	0065	162	1/86	BARTRAM, ROY	YANKEE EXPLORATION	82.00	3.00	$6/A	1/8	$6/A	
4	0	0065	158	1/86	MAYNARD, JAMES	CABOT OIL AND GAS	90.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	154	1/86	STILTNER, A. JR.	CABOT OIL AND GAS	26.00	5.00	$4/A	1/8	$2/A	$2/A
4	0	0065	156	1/86	THOMPSON, GEORGE	CABOT OIL AND GAS	11.00	5.00	$4/A	1/8	$2/A	$2/A

*** COUNTY TOTAL *** 15,858.78

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5	6	14	113	6/80	C. VANCE	AMOCO PRODUCTION	8,405.81	10.00	$1/A	1/8	$1/A	
5	6	14	31	9/80	D. BICKEL	NRM PETROLEUM	60.00	5.00	$2/A			
5	6	14	1	7/80	E. COOL	NRM PETROLEUM	162.00	5.00	$2/A			
5	4	14	185	12/80	E. NEWMAN	NRM PETROLEUM	40.00	2.00	$2/A			
5	6	14	29	10/80	F. PERRINE	NPM PETROLEUM	30.00	5.00	$5/A	1/8	$50/M	$2/A
5	4	14	183	12/80	H. BRYANT	W. HUNT	60.00	5.00	$5/A			
5	4	14	21	7/80	J. REED	STERLING DRILLING	4,287.00	5.00	$2/A	1/8		
5	6	14	139	11/80	L. CRITES	S & S, INC.	130.00	3.00		1/8		
5	6	14	7	8/80	M. NICHOLS	NRM PETROLEUM	73.00	5.00	$2/A			
5	4	14	95	9/80	M. ROBERTS	STERLING DRILLING	100.00	5.00	$2/A			
5	4	14	210	12/80	M. WEESE	NRM PETROLEUM	145.00	2.00	$2/A			
5	4	15	80	5/81	A. AYERS	PETROLEUM DEVELOPMENT	109.00	5.00	$5/A	1/8	$5/A	
5	5	14	337	2/81	A. BALLI	AUGUST PETROLEUM	64.00	5.00		1/8		
5	6	15	56	5/81	A. COGAR	DELTA DRILLING	94.00	5.00		1/8		
5	5	15	206	7/81	C. MACE	UNION DRILLING	55.67	5.00	$4/A	1/8		
5	6	14	230	1/81	C. THOMPSON	NRM PETROLEUM	38.00	3.00	$2/A			
5	6	17	58	10/81	D. CLUTTER	DELTA DRLG.	99.00	5.00	$5/A	1/8		
5	5	15	165	5/81	G. NICHOLS	CABOT	70.00	5.00	$2/A			
5	5	15	68	5/81	G. WILSON	PETROLEUM DEV.	85.00	5.00	$10/A			
5	6	15	130	6/81	H. BANKHEAD	S & S, INC.	172.00	5.00	$5/A			
5	4	15	202	5/81	L. MOLLENNOR	S & S, INC.	120.00	5.00	$3/A			
5	6	18	439	3/81	P. CARROLL	CABOT	13,434.19	1.00	$3/A			
5	4	15	116	6/81	P. GREENE	PETROLEUM DEVELOPMENT	40.00	5.00	$2/A	1/8	$4/A	
5	5	17	61	9/81	R. MEALEY	DELTA DRLG	154.00	5.00	$1.76/A	1/8	$1.67/A	
5	4	17	138	3/82	A. GRIFFITH	CABOT	40.00	5.00	$5/A			
5	3	18	112	9/82	D. GILLESPIE	UNION DRLG.	49.50	5.00	$5/A	1/8		
5	6	17	87	3/82	E. JOHNS	NEW FRONTIER EXPLORATION	94.00	5.00	$5/A	1/8	$5/A	
5	4	18	84	7/82	FIRST & MERCHANTS NAT'L BANK	DELTA DRLG	386.00	5.00	$5/A	1/8		
5	4	18	315	2/82	G. KEY	NEW FRONTIER EXPL	58.00	5.00		1/8		
5	4	17	41	1/82	G. SANDY	CABOT	50.00	5.00	$5/A			
5	3	17	108	2/82	I. SNYDER	CABOT	20.00	5.00	$5/A			
5	3	17	329	4/82	L. BIAS	CABOT OIL & GAS	100.00	5.00	$5/A	1/8	$5/A	$2/A
5	4	17	25	2/82	L. INK	NEW FRONTIER EXPLORATION	1,306.00	3.00	$5/A	1/8	$5/A	
5	4	18	235	12/82	M. CARTER	DELTA DRLG.	1,687.00	10.00	$2/A	1/8		
5	5	17	71	9/82	O. CULPEPPER	DELTA DRLG	167.00	5.00	$5/A	1/8		
5	5	17	79	1/82	P. WILLIAMS	DELTA DRLG.	200.00	5.00		1/8		
5	4	18	154	12/82	W. WEESE	NRM PETROLEUM	145.00	3.00	$5/A			
5	5	18	209	4/83	D. DOUGLAS	UNION DRLG.	471.00	5.00	$5/A	1/8		
5	4	18	215	4/83	D. DOUGLASS	UNION DRLG	1,198.88	5.00	$1.25/A	1/8	$1.25/A	
5	4	18	424	12/83	E. SMITH	CABOT	233.00	3.00	$5/A			
5	4	18	161	1/83	J. BAKER	UNION DRLG	50.00	5.00	$5/A	1/8		
5	5	18	412	12/83	J. FORTUNE	UNION DRLG.	31.00	5.00	$5/A	1/8		
5	5	18	327	9/83	J. MACE	UNION DRLG.	83.00	5.00	$5/A	1/8		
5	5	18	185	3/83	R. MOORE	UNION DRLG.	497.36	5.00	$5/A	1/8		
5	4	18	313	9/83	T. EDDY	NEW FRONTIER EXPL.	48.00	5.00		1/8		
5	6	18	294	6/83	V. MCCOURT	CABOT	86.00	5.00	$5/A			
5	5	18	634	5/84	A. MACE, ETAL	KEPCO INC	152.00	5.00	$2.50/AC	1/8	$50/WELL	$5/AC
5	5	18	632	5/84	B. BLOSSER	KEPCO INC	152.00	5.00	$2.50/AC	1/8	$50/WELL	$5/AC
5	5	18	697	5/84	B. WEESE	KEPCO, INC	148.00	.00				

OIL AND GAS SALES AND LEASE REPORT

R G DI	DEED PAGE										
N ST	BOOK	NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
5 4	18	424	1/84	C. BEAN	CABOT	233.00	3.00	$5/A	1/8	$5/A	$2/A
5 6	18	683	5/84	C. COGAR	UNION DRILLING	68.00	5.00	$5/AC	1/8	$5/AC	
5 6	18	680	5/84	C. COGAR	UNION DRILLING	76.00	5.00	$5/AC	1/8	$5/AC	
5 6	18	686	5/84	C. COGAR	UNION DRILLING	63.00	5.00	$5/AC	1/8	$5/AC	
5 5	18	426	2/84	C. HOKE	UNION DRILLING	125.00	5.00	$5/A	1/8	$5/A	
5 5	18	693	5/84	C. HULL	KEPCO, INC	148.00	.00				
5 5	18	636	5/84	C. MACE, ETAL	KEPCO INC	152.00	5.00	$2.50/AC	1/8	$50/WELL	$5/AC
5 .	19	21	5/84	C.S.X. RESOURCES	CABOT	12,544.00	3.00				
5 .	19	43	6/84	COASTAL LUMBER	STERLING LEASING	.00	5.00				
5 5	18	608	5/84	D. SMITH	EXPLORA RESOURCES	375.00	3.00	$7.AC	1/8	$7/AC	
5 5	18	418	1/84	DR. P. BENNETT	UNION DRILLING CO	50.70	5.00	$5/A	1/8	$5/A	
5 5	18	421	1/84	DR. P. BENNETT	UNION DRILLING CO	30.00	5.00	$5/A	1/8	$5/A	
5 5	18	642	5/84	E. HOLWAY JR	UNION DRILLING CO	72.50	5.00	$5/AC	1/8	$5/AC	
5 4	18	621	5/84	H. FRAME, ETAL	KEPCO INC	270.00	5.00	$5/AC	1/8	$5/AC	$5/AC
5 4	18	592	4/84	H. LYNCH	ALAMCO	67.50	5.00	$5/AC	1/8	$5/AC	
5 4	18	645	5/84	H. MCCLURE	UNION DRILLING	104.00	5.00	$5/AC	1/8	$5/AC	
5 4	19	33	6/84	H. MCCLURE	UNION DRILLING	65.00	5.00	$5/AC	1/8	$5/AC	
5 5	18	691	5/84	I. CUNNINGHAM	KEPCO, INC	148.00	.00				
5 96	18	652	5/84	J. COGAR	UNION DRILLING	87.00	5.00	$5/AC	1/8	$5/AC	
5 5	19	3	5/84	J. HENRICKSON	KEPCO, INC	148.00	.00				
5 5	18	691	5/84	M. HART	KEPCO, INC	148.00	.00				
5 5	18	691	5/84	M. HART	KEPCO, INC	148.00	.00				
5 5	18	699	5/84	M. WEESE	KEPCO,INC	148.00	.00				
5 5	19	5	5/84	MARY HOLWAY	UNION DRILLING	72.50	5.00	$5/AC	1/8	$5/AC	
5 4	18	627	5/84	N. MAYES	KEPCO INC	270.00	5.00	$5/AC	1/8	$5/AC	$5/AC
5 5	19	45	6/84	NELLE FISHER	UNION DRILLING	195.00	5.00	$5/AC	1/8	$5/AC	
5 5	19	48	6/84	P. MACE	KEPCO INC	152.00	5.00	$2.50/A	1/8	$50/WELL	$5/AC
5 5	19	1	5/84	P. WEESE	KEPCO, INC	148.00	.00				
5 .	18	439	3/84	PRESTON CARROLL	CABOT OIL & GAS	13,439.19	1.00	$3/AC	1/6		
5 5	18	610	5/84	R. ANDERSON	UNION DRILLING	102.00	5.00	$5/AC	1/8	$5/AC	
5 5	19	18	6/84	R. LINGLE	UNION DRILLING	148.00	5.00	$5/AC	1/8	$5/AC	
5 5	19	26	6/84	R. MARKHAM	UNION DRILLING	148.00	5.00	$5/AC	1/8	$5/AC	
5 4	18	616	5/84	R.G. KELLY TRUST	UNION DRILLING	200.00	5.00	$5/AC	1/8	$5/AC	
5 5	18	415	1/84	R.P. BENNETT	UNION DRILLING CO	28.30	5.00	$5/AC	1/8	$5/AC	
5 3	19	29	6/84	R.W. MOORE	UNION DRILLING	878.10	5.00	$5/AC	1/8	$5/AC	
5 5	18	604	4/84	S. WILLIAMS	UNION DRILLING	87.00	5.00	$5/AC	1/8	$5/AC	
5 5	18	600	4/84	S. WILLIAMS	UNION DRILLING	61.00	5.00	$5/AC	1/8	$5/AC	
5 5	18	695	5/84	V. SWECKER	KEPCO, INC	148.00	.00				
5 5	18	638	5/84	W. SUMMERFIELD	KEPCO, INC	152.00	5.00	$2.50/A	1/8	$50/W	$5/A
5 5	18	640	5/84	W.VA WESLEYAN	KEPCO INC	152.00	5.00	$2.50/A	1/8	$50/W	$5/A

*** C O U N T Y T O T A L *** 67,332.20

OIL AND GAS SALES AND LEASE REPORT

R G N	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
2	0	0167	875	2/82	RAY AND RUTH DEEN	PETROLEUM DEVELOPMENT	18.50	1.00	$15/A	1/8	$15/A	
2	0	0167	822	4/83	G. AND T. SHEPPARD	BOW VALLEY PETROLEUM	284.00	5.00	$12/A	1/8	$50/Y	$13/A
2	0	0170	162	12/83	MRS. JOANNA YOUMANS	NATURAL RESOURCES DEVELOPMENT	75.00	3.00	$10/A	1/8	$2.50/A	
2	0	0170	441	8/83	UNION NATIONAL BANK	GEORGE M. ROBERTS	12.17	5.00	$10/A	1/8	$50/Y	$2/A
2	0	0172	511	4/84	ALMA AND PAUL MCELFRESH	STERLING DRILLING	49.54	2.00	$5/A	1/8	$5/A	
2	0	0172	365	7/84	GERALDINE SALMONS	BOW VALLEY PETROLEUM	44.00	2.00	$15/A	1/8	$50/Y	$15/A
2	0	0172	397	7/84	OWEN CLINE, ET AL	BOW VALLEY PETROLEUM	17.00	2.00	$10/A	1/8	$50/Y	$10/A
2	0	0172	479	7/84	ROTH L. SMITH	M. R. DEVELOPMENT	111.00	2.00	$20/A	1/8	$50/Y	$20/A
2	0	0172	720	9/84	WALNUT ENTERPRISES	BOW VALLEY PETROLEUM	44.00	3.00	$10/A	1/8	$50/Y	$10/A
2	0	0174	853	5/85	BAYARD AND MARY YOUNG, ET AL	BOW VALLEY PETROLEUM	126.00	3.00	$7/A	1/8	$50/Y	
2	0	0174	856	5/85	BAYARD AND MARY YOUNG, ET AL	BOW VALLEY PETROLEUM	160.00	3.00	$7/A	1/8	$50/Y	
						*** COUNTY TOTAL ***	941.21					

OIL AND GAS SALES AND LEASE REPORT

R G	DI	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	12	715	46	12/78	H. HENRIE	WILLIAM PUTNAM	25.00	2.00	$1.50/AC	1/8	$50/W	$1.50/AC
3	1	715	68	12/78	J. COX	WILLIAM PUTNAM	22.00	2.00	$2/AC	1/8	$50/W	
3	1	715	64	12/78	O.L. BIBBEE	WILLIAM PUTNAM	97.00	2.00	$1/AC	1/8	$50/W	$2/AC
3	11	718	515	3/79	C.E. ELLIOT	QUAKER STATE O.I. REF. CORP.	263.00	1.00	$1/A	1/8		$2/AC
3	1	731	56	11/79	D. BURTON	L & M ASSOC.	6.50	2.00	$2.5/A	1/8		
3	11	729	360	10/79	H. MCCULLOUGH	NORTH HILLS INC. CO.	12.00	2.00		1/8		
3	9	718	416	3/79	J. SHARP	QUAKER STATE O.I. REF. CORP.	134.00	3.00	$1/AC	1/8		
3	1	731	381	12/79	J. WILLIAMSON	L & M ASSOC.	35.00	3.00	$3/AC	1/8		
3	8	720	142	5/79	L. BARNHOUSE	DENZIL PRATER	230.00	2.00	$3/AC	1/8	$50/W	$2/AC
3	1	724	345	7/79	M. FARRAH	C.L. O'DELL	40.00	1.00	$1/AC	1/8		
3	11	729	358	10/79	N. NEWBANKS	NORTH HILLS INC. CO.	7.60	2.00		1/8		
3	1	725	475	8/79	R. ALTON	C.L. O'DELL	40.00	1.00	$2/AC	1/8		
3	11	721	627	5/79	R. CUMPSTON	C.L. O'DELL	114.00	2.00	$1/AC	1/8		
3	11	716	136	1/79	R. DUFF	GLEN ROBERTS	23.00	3.00	$2/AC	1/8	$50/W	$3/AC
3	1	724	347	7/79	S.A. MCPHERSON	C.L. O'DELL	25.00	1.00	$1/AC	1/8		
3	1	724	192	7/79	W. BOYLES	C.L. O'DELL	12.50	1.00	$1.2/A	1/8		
3	12	749	96	12/80	B. BIDDLE	OASIS DEV. CO.	22.00	1.00		1/8	$50/W	
3	11	741	277	7/80	B. WRIGHT	NORTH HILLS INC. CO.	94.00	5.00	$2/AC	1/8		
3	9	732	628	1/80	C. BROWN	PRIOR OIL CO.	92.00	5.00	$1/AC	1/8	$50/W	
3	9	732	437	1/80	C. BROWN	PRIOR OIL CO.	92.00	.00	$1/AC	1/8	$50/W	
3	1	745	206	10/80	C. PARK	QUAKER STATE OIL	53.00	3.00	$1/AC	1/8		$2/AC
3	2	736	137	4/80	D. HENDENHALL	RAY RESOURCES	75.00	.50	$3/AC	1/8	$50/W	
3	2	736	3	4/80	D. MOORE	RAY RESOURCES	44.00	1.00	$3/AC	1/8	$50/W	
3	9	739	420	6/80	E. UPPOLE	QUAKER STATE OIL	55.00	2.00	$1/AC	1/8		
3	9	743	342	9/80	F. HELTER	MOUNTAINEER ENERGY	26.82	.50		1/8	$50/W	
3	9	748	441	12/80	H. PITTMAN	PRIOR OIL CO.	40.00	1.00	$5/AC	1/8	$50/W	
3	9	748	439	12/80	J. RICHARDSON	PRIOR OIL CO.	136.00	1.00	$5/AC	1/8	$500/W	
3	9	744	122	9/80	L. MCKIBBEN	NRM PETROTEUM CORP.	27.00	3.00	$3/AC	1/8	$50/W	$2/AC
3	.	733	62	1/80	R. EWING	QUAKER STATE OIL	46.30	3.00	$1/AC	1/8		$2/AC
3	9	745	107	10/80	R. PIERSOL	NRM PETROLEUM	122.00	2.00	$5/AC	1/8	$50/W	
3	9	749	647	1/81	C. BOLSTON	RAY EDMONDS	630.00	1.00	$5/AC	1/8	$50/W	
3	6	750	269	2/81	D. HAVERTY	D & H OIL CO	70.00	2.00	$5/AC	1/8		
3	6	757	457	7/81	E. GILBERT	EMPIRE OIL	81.00	5.00	$5/AC	1/8	$50/W	$5/AC
3	3	753	429	4/81	E. SAMS ETAL	WARREN HAUGHT	68.00	1.00	$5/AC	1/8		
3	2	758	699	8/81	E.I. DUPONT	E.L. DOWLER	10.00	10.00	$5/AC	1/8	$50/W	$2/AC
3	9	750	113	1/81	G. RUCHARDS	ENERGY UNLIMITED	62.50	1.00	$5/AC	1/8	$50/W	
3	3	760	681	9/81	H. WILLIAMS	KAISER EXPLORATION AND MINING CO.	64.50	5.00	$2/AC	1/8	$50/W	$1/AC
3	6	749	732	1/81	H.R. AMOS	RICK BARTON	145.00	2.00	$5/AC	1/8		
3	9	752	409	3/81	L. STEED	ENERGY UNLIMITED	100.00	1.00	$5/AC	1/8	$50/W	
3	7	750	50	1/81	N. BUFFINGTON ETA	CABOT OIL & GAS CORP	30.00	2.00	$2/AC	1/8	$2/AC	$2/AC
3	11	761	176	9/81	R. DUFF	DOME PETROLEUM	23.00	3.00	$1/AC	1/8		
3	12	750	242	2/81	R. HENKE	C & W DRILLING	10.00	1.00	$5/AC	1/8		$2/AC
3	1	751	182	2/81	R. PRATT	T. P. DOYLE	53.00	3.00	$5/AC	1/8		
3	1	765	191	12/81	R. WINE	APPCO LAND CO.	32.00	1.00	$10/AC	1/8	$10/AC	
3	8	767	735	3/82	A. WEBB	DON CASTO	52.00	2.00	$6/AC	1/8		
3	1	767	348	2/82	C.E. DAVIS	APPCO LAND CO.	30.00	1.00		1/8	$10/AC	
3	11	767	37	2/82	E. GILCHRIST	ENERGEX OIL & GAS CORP.	37.00	1.00	$5/AC	1/8	$50/W	
3	9	767	696	3/82	E. JOY & H. DYE	ENERGEX OIL & GAS CORP.	151.00	1.00	$3/AC	1/8	$50/W	
3	2	770	354	5/82	F. STRAIGHT	CARL E. SMITH PETROLEUM CO.	62.00	3.00	$5/AC	1/8		

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	9	777	95	11/82	M. PETTY	CABOT OIL & GAS	25.00	3.00	$5/AC	1/8	$5/AC	$2/AC
3	9	768	762	3/82	R. CRAMLET	APPCO LAND CO.	56.00	1.00	$11.79/AC$10/AC-BNS	1/8	$50/AC	
3	9	768	760	3/82	R. WALLACE	APPAC LAND CO.	38.00	1.00	$15.79/AC,$10/AC-BNS	1/8	$15/AC	
3	2	770	422	5/82	R. WHITING	HAUGHT INC.	42.00	2.00	$5/AC	1/8		
3	1	777	466	11/82	W. BOMAR	ALLEN BEARD	24.00	2.00	$5/AC	1/8		$2/AC
3	9	773	772	8/82	W. HOWELLS	ENERGY ADAPTORS, INC.	54.00	1.00	$20/AC	1/8	$20/AC	
3	4	769	354	4/82	W. RIGGS	EMPIRE DRILLING CO.	200.00	.50	$15/AC	1/8	$15/AC	
3	2	767	770	6/82	W. TERRANT	E.I. DUPONT ETAL	39.00	5.00	$5/AC	1/8	$50/W	$2/AC
3	12	765	641	1/82	Z. HUPP	GENERICH INC.	87.00	1.00	$10/AC	1/8	$10/AC	
3	3	794	620	10/83	C BAKER	E.I. DUPONT ETAL	48.00	1.00	$5/AC	1/8	$50/W	
3	2	781	549	1/83	C, WOODYARD	CABOT OIL & GAS	45.00	5.00	$5/AC	1/8	$5/AC	$2/AC
3	9	785	138	4/83	D WINGROVE	HI-TEST OIL & GAS INC.	38.21	1.00	$10/AC	1/8		
3	1	784	301	3/83	D. BELL	HADDAD & BROOKS INC.	36.00	3.00	$5/AC	1/8	$1/AC	
3	2	787	717	6/83	E, ANDERSON,ETAL	HILTON BEVER	68.00	.25		1/8		
3	11	784	4	3/83	G, MARLOW	CNG PRODUCING CO.	72.00	10.00	$2/AC	1/8		$300/W
3	12	781	686	1/83	H, FLORENCE	APPCO LAND CO.	31.00	1.00		1/8	$50/W	
3	9	785	135	4/83	H, WINGROVE	HI-TEST OIL & GAS INC.	54.00	.00	$10/AC	1/8		
3	8	782	552	2/83	J, BORDER	G.W.F. CORP.	75.00	4.00	$7/AC	1/8	$50/W	$7/AC
3	9	784	492	4/83	J, GALLOWAY	KANAWHA DRILLING	76.00	1.00	$10/AC	1/8	$50/W	
3	12	782	457	2/83	L. BALDERSON	ROBERT E. FOX	78.30	1.00	$1.53/AC	1/8		
3	11	784	303	3/83	L,C. HORNER	HADDAD & BROOKS INC.	50.25	2.00	$5/AC	1/8	$1/AC	
3	3	788	194	6/83	O,C. GILPIN	E.I. DUPONT	15.00	.25		1/8	$50/W	
3	1	791	426	8/83	R, AHART	ALAN GABLE OIL DEV. CO.	163.00	3.00	$15/AC	1/8	$50/W	
3	1	796	7	11/83	R, FOUGHT	JAY-BEE OIL GAS	45.00	2.00	$10/AC	1/8	$50/W	
3	3	781	760	2/83	R, MAYS	HAUGHT INC.	28.00	1.00	$5/AC	1/8		
3	12	782	460	2/83	W, GARRETT	ROBERT E. FOX	8.60	1.00	$15.70/AC	1/8		

*** C O U N T Y T O T A L *** 5,227.08

OIL AND GAS SALES AND LEASE REPORT

R G N	DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
3	10	319	460	3/79	MINING EQUIPMENT EXCHANGE	SPARTAN GAS	625.00	5.00		1/8		
3	5	335	223	5/79	P.C. CLINE	ENERGY DEVELOPMENT	15.63	.50		1/8		
3	7	322	471	8/79	R. CROUCH	CONSOLIDATED GAS	190.00	5.00	$1/A	1/8		$300/W
3	7	328	450	8/80	A. COOKE	AED	265.00	2.00		1/8		
3	7	324	510	1/80	D. GOOCH	AED	795.00	5.00	$1/A	1/8		$2/A
3	7	326	717	6/80	G. MCGRAW	CONSOLIDATED GAS	60.00	3.00	$15/A	1/8		$300/W
3	2	326	539	6/80	UNITED POCAHONTAS COAL	D. ROVIG	520.00	10.00	$17/A	1/8	$17/A	
3	7	331	974	8/81	A. H. COOKE	SPARTAN GAS	265.00	1.00		1/8		
3	4	331	83	6/81	A. TOLER	CABOT	750.00	2.00	$2/A	1/8		
3	5	331	663	8/81	BANK OF RALEIGH	PEAKE OPERATING	178.00	10.00	$10/A	1/8		$2/A
3	7	332	187	9/81	E. PELPHREY	CABOT	6.53	2.00	$2/A	1/8		$2/A
3	7	331	612	8/81	H. JEWELL	PEAKE OPERATING	14.00	1.00	$10/A	1/8		$2/A
3	3	331	430	7/81	H. NITROS	CABOT	167.00	5.00	$2/A	1/8		$2/A
3	5	331	620	8/81	H. SHANKS	ASHLAND EXPLORATION	35.90	2.00		1/8		
3	5	331	624	8/81	H. SHANKS	ASHLAND EXPLORATION	35.90	2.00	$1/A	1/8		
3	7	330	967	5/81	H. WELLS	CABOT	795.00	1.50	$2/A	1/8		$2/A
3	7	331	523	7/81	J. RITCHIE	PEAKE OPERATING	74.00	2.00	$10/A	1/8		$2/A
3	7	331	455	7/81	J. VAUGHN	PEAKE OPERATING	80.00	2.00	$10/A,$800-BONUS	1/8		
3		332	404	10/81	K. LEWIS	VIRGINIA LAND CO.	97.00	3.00	$1/A	1/8		$1/A
3	7	330	971	5/81	L. GRETCHEN	VIRGINIA LAND CO.	22.17	5.00	$1/A	1/8		$2/A
3	7	331	525	7/81	L. MCGUIRE	PEAKE OPERATING	60.00	3.00	$10/A	1/8		$2/A
3	7	332	183	9/81	L. MCGUIRE	PEAKE OPERATING	369.00	3.00	$5/A	1/8		
3	7	332	572	11/81	L. MITCHEM	PEAKE OPERATING	50.00	5.00	$5/A	1/8		$2/A
3	7	331	592	7/81	P. GIBSON	J. SCOTT	5.83	5.00	$3/A	1/8		$300/W
3	7	335	223	8/81	P. MITTENBERG	SPARTAN GAS	265.00	1.00		1/8		
3	7	332	599	11/81	V. LUSK	CNG PRODUCING	25.00	5.00	$2/A	1/8		$300/W
3	7	330	973	5/81	W. EASTER	VIRGINIA LAND CO.	27.00	2.00	$1/A	1/8		$2/A
3	7	334	959	11/81	W. LUGAR	GILBERT IMPORTED HARDWOODS	85.00	1.00		1/8		
3	3	335	847	7/82	C. GRAYBEAL	J. SCOTT	25.00	2.00	$1000-BONUS	1/8		
3	3	335	849	7/82	C. GRAYBEAL	J. SCOTT	112.00	2.00	$1000-BONUS	1/8		
3	7	333	470	1/82	C. SHANSON	PEAKE OPERATING	279.00	1.00	$10/A	1/8		
3	7	335	895	7/82	CHARLESTON NATIONAL BANK	PEAKE OPERATING	442.11	5.00	$5/A	1/8		$2/A
3	7	335	225	6/82	D. MITTENBERG	SPARTAN GAS	265.00	1.00	$3/A	1/8		
3	7	333	591	2/82	G. LEOLA	PEAKE OPERATING	21.00	1.00	$5/A	1/8		$2/A
3	7	335	724	7/82	G. MARSHALL	PEAKE OPERATING	50.00	5.00	$5/A	1/8		$2/A
3	7	335	857	7/82	J. HUNTER	J. SCOTT	14.00	3.00	$3/A	1/8		
3	7	334	412	4/82	J. RUNDLE	VIRGINIA LAND CO.	50.56	1.00		1/8	$500/Y	
3	7	333	681	2/82	L. CHANDLEE	PEAKE OPERATING	50.00	5.00	$5/A	1/8		$2/A
3	7	335	47	5/82	R. SMITH	PEAKE OPERATING	278.00	1.00	$10/A	1/8		
3	4	338	100	1/83	A. TOLER	CABOT	750.00	2.00	$4/A	1/8		
3	7	338	195	2/83	G. LEWIS	PEAKE OPERATING	21.00	3.00	$10/A	1/8		$2/A
3	7	338	549	3/83	G. MCGRAW	CNG PRODUCING	16.00	10.00	$2/A	1/8		$300/W
3	7	338	553	3/83	G. MCGRAW	CNG PRODUCING	60.00	10.00	$2/A	1/8		$300/W
3	7	339	431	6/83	G. SHORT	P. RICHNER	27.00	1.00	$5/A	1/8		
3	7	338	590	3/83	J. RITCHIE	PEAKE OPERATING	74.00	2.00	$10/A	1/8		$2/A
3	7	338	611	3/83	M. SHORTRIDGE	CNG PRODUCING	51.40	10.00	$2/A	1/8		
3	7	340	713	9/83	VIRGINIA LAND CO.	PEAKE OPERATING	259.00	.00	$15/A,$1245-BONUS	1/8		

*** COUNTY TOTAL *** 8,723.05

OIL AND GAS SALES AND LEASE REPORT

R G DI ST	DEED BOOK	PAGE NO	DATE	GRANTOR	GRANTEE	ACREAGE	TERM	DELAY RENTAL	ROYALTY	SHUT-IN RENTAL	STORAGE RENTAL
*** GRAND TOTAL ***						690,233.43					

*** END OF REPORT ***