

*AREA REQUESTED FOR
TIGHT FORMATION DESIGNATION IN THE
BEREA SANDSTONE
PIKE COUNTY, KENTUCKY*

*EASTERN KENTUCKY TIGHT FORMATION COMMITTEE
JOHN AVILA, CHAIRMAN
APRIL 1983*

AREAS REQUESTED FOR
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PIKE COUNTY, KENTUCKY

Eastern Kentucky Tight Formation Committee
John Avila, Chairman

April 1983

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7½ MINUTE TOPOGRAPHIC QUADRANGLES
INCLUDED IN PIKE COUNTY REPORT
(Located in Pocket)

Thomas
Varney
Williamson
Delbarton
Broad Bottom
Meta
Belfry
Matewan
Majestic
Wharnccliffe
Pikeville
Millard
Lick Creek
Jamboree
Hurley
Wheelwright
Dorton
Hellier

Elkhorn City

Harman

Jenkins West

Jenkins East

* No wells have been drilled in Clintwood and McDowell quadrangles and these quadrangles are not included in the report.

INTRODUCTION

The Eastern Kentucky Tight Formation Committee

The Eastern Kentucky Tight Formation Committee is an ad hoc committee, appointed by the President of the Kentucky Oil and Gas Association (KOGA), at the request of the Director of the Oil and Gas Division of the Department of Mines and Minerals to assist that Division as hereinafter stated. It is composed of persons presently operating in both the pipeline and producer segments of the oil and gas industry in the Commonwealth of Kentucky. The Committee was created to investigate, study, and report to the Department of Mines and Minerals, Oil and Gas Division (the Jurisdictional Agency for the Commonwealth of Kentucky as designated in 18 C.F.R., Chapter 1, Subchapter H, Part 274, Subpart E, Section 274.501), its determinations whether geological formations studied comply with legal standards for designation as a "tight formation" as set out in the rules and regulations of the Federal Energy Regulatory Commission (FERC).

Regulatory Guidelines

In its Order 99, issued August 15, 1980, FERC promulgated final regulations establishing an incentive price ceiling for certain natural gas produced from tight formations, thus implementing Congressional authorization to the Commission in Section 107(b) of the Natural Gas Policy Act (NGPA), (15 U.S.C., Section 3317), to set a "special price" which is "necessary to provide reasonable incentives for the production of . . . high cost natural gas".

In addition to specifying an incentive price, the regulations also provided guidelines for formally designating tight formations and for determining which wells drilled into such formations will qualify for the incentive price. (18 C.F.R., Chapter 1, Subchapter H, Subpart G of Part 271.701 et seq.)

A "tight formation" is defined in Order 99 as a "sedimentary layer of rock cemented together in a manner that greatly hinders the flow of any gas through the rock".

The specific guidelines established by FERC and followed by the Committee are found in Section 271.703(c)(2), to wit:

- (2) Guidelines. (i) The Commission will approve the designations of any formation recommended by a jurisdictional agency if the formation meets each of the following guidelines:
- (A) The estimated average in situ gas permeability, throughout the pay section, is expected to be 0.1 millidarcy or less.
- (B) The stabilized production rate, against atmospheric pressure, of wells completed for production in the formation, without stimulation, is not expected to exceed the production rate determined in accordance with the following table:

If the average depth to the top of the formation (in feet)	The maximum allowable production rate (in MCF/day)
<u>Exceeds:</u>	<u>But does not exceed:</u>
0	1000
1000	1500
1500	2000
2000	2500
2500	3000
3000	3500
3500	4000
4000	4500
4500	5000
5000	5500
5500	6000
	<u>May not exceed:</u>
	44
	51
	59
	68
	79
	91
	105
	122
	141
	163
	188

6000	6500	217
6500	7000	251
7000	7500	290
7500	8000	336
8000	8500	388
8500	9000	449
9000	9500	519
9500	10000	600
10000	10500	693
10500	11000	802
11000	11500	927
11500	12000	1071
12000	12500	1238
12500	13000	1432
13000	13500	1655
13500	14000	1913
14000	14500	2212
14500	15000	2557

- (C) No well drilled into the recommended tight formation is expected to produce, without stimulation, more than five barrels of crude oil per day.
- (D) If the formation or any portion thereof was authorized to be developed by infill drilling prior to the date of recommendation and the jurisdictional agency has information which in its judgement indicates that such formation or portion subject in infill drilling can be developed absent the incentive price established in paragraph (A) of this section then the jurisdictional agency shall not include such formation or portion thereof in its recommendation.
- (ii) The Commission will consider and may approve or disapprove a recommendation by a jurisdictional agency to designate as a tight formation any formation which

meets the guidelines contained in subparagraph (2)(I)(B) and (C), but does not meet the guideline contained in subparagraph (2)(i)(A), if the jurisdictional agency makes an adequate showing that the formation exhibits low permeability characteristics and the price established in paragraph (A) of this section is necessary to provide reasonable incentives for production of the natural gas from the recommended formation due to the extraordinary costs associated with such production.

General Description and Location of the Geological Formation Studied

Pursuant to its mandate, the Eastern Kentucky Tight Formation Committee has examined the Berea Sandstone (or Berea) in Pike County, Kentucky, to determine which geographical areas of said County qualify in compliance with the legal requirements hereinabove described for tight formation designation.

Pike County is located in eastern Kentucky at the intersection of the Virginia, West Virginia and Kentucky borders (Figure 1). The area covers 782 square miles and is located in the plateau region of the Appalachian Mountains. Pike County has been producing hydrocarbons since the beginning of the century. Production of gas is from the Salt sand, Ravencliff sand, Maxon sands, Big Lime, Weir sand, Berea Sandstone and Devonian Shale. The Berea and Devonian Shale have been the county's most important gas reservoirs. This report is requesting tight formation designation in Pike County for only the Berea Sandstone. A total of 2,602 wells penetrated the Berea in Pike County and 1,782 of these wells produce from the Berea.

Figure 2 (pocket) shows the Berea producing wells and Berea dry holes in Pike County. Most of the production from the Berea in the county occurs near the Kentucky-Virginia border. As indicated in Figure 2, the remainder of the county has very little Berea production due to low permeability in the area.

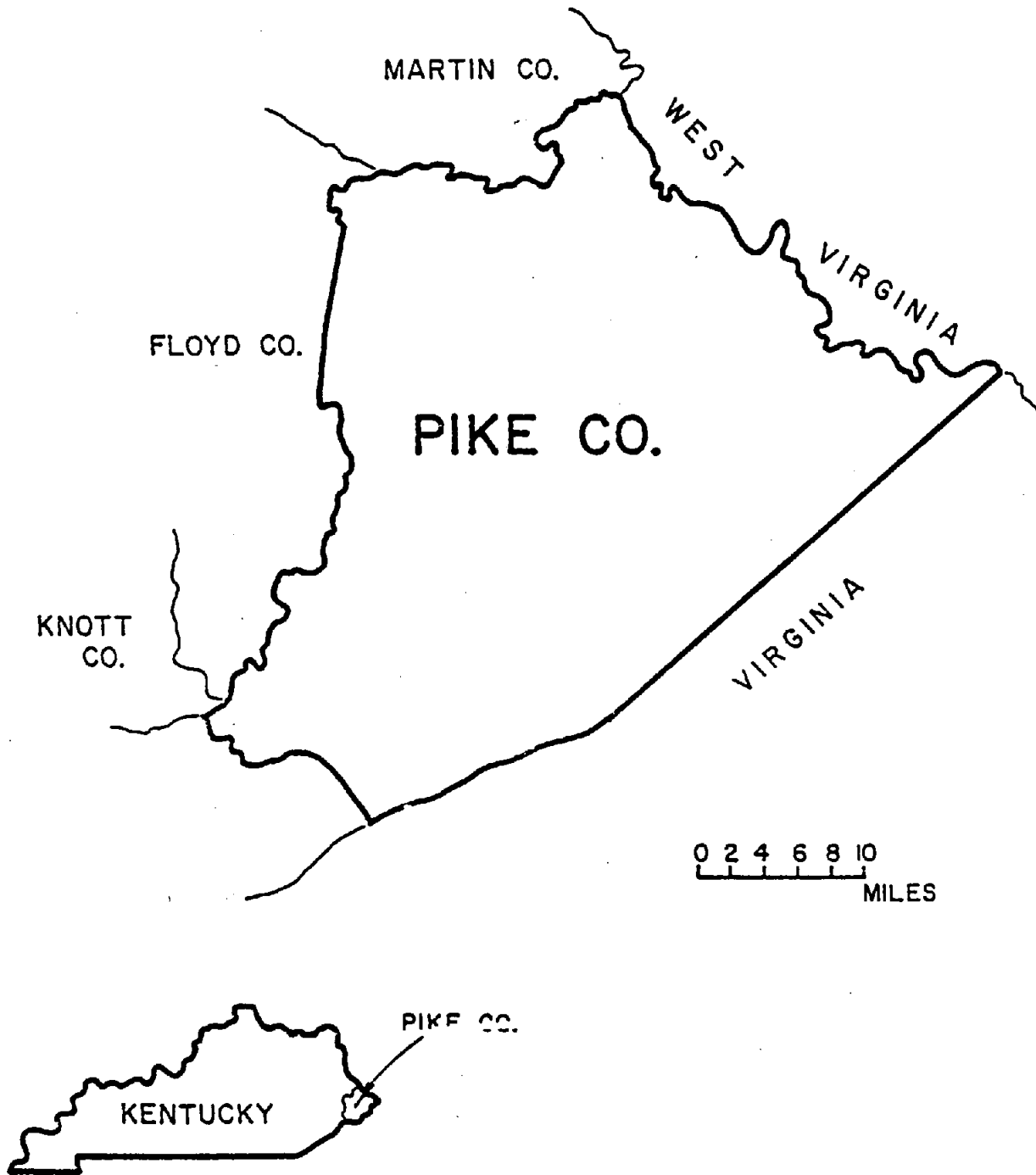


FIGURE 1

LOCATION OF PIKE CO., KENTUCKY

FINDINGS AND CONCLUSIONS

Based on its extensive review of available well and production information, pertinent geological and engineering data, and by utilization of recognized analytical techniques and methodology, the Committee makes the following findings and conclusions:

- 1). The estimated average in situ gas permeability through the pay section of the Berea Sandstone in the areas recommended for tight formation designation in Pike County, Kentucky is expected to be 0.1 millidarcy or less.
- 2). The stabilized production rate from the Berea Sandstone against atmospheric pressure without stimulation in the geographical area hereinafter recommended for designation as tight formations, is not expected to exceed the applicable production rate(s) set out in the table in Section 271.703(C)(2)(B), supra.
- 3). No well drilled into the recommended tight formation is expected to produce, without stimulation, more than five barrels of crude oil per day.
- 4). The Berea Sandstone in Pike County, Kentucky has not been authorized by the Oil and Gas Division, Department of Mines or other agency having jurisdiction thereof to be developed by infill drilling prior to the date of this report.
- 5). Compliance by drillers with all existing applicable State and/or Federal laws, rules, and regulations will assure development of the Berea Sandstone during both hydraulic fracturing and waste disposal operations without adversely affecting any fresh water aquifers that are expected to be used for a domestic or agricultural water supply.

RECOMMENDATIONS OF THE COMMITTEE

The Eastern Kentucky Tight Formation Committee recommends to the Department of Mines, Oil and Gas Division, that it should consider and, in

turn, recommend to the Federal Energy Regulatory Commission that it (FERC), approve the designation as a tight formation of the Berea located in all geographical areas of Pike County, Kentucky which are not excluded. The excluded areas are shown on the map designated as Figure 2 attached hereto as a part hereof, and on the 7½ minute quadrangle maps (pocket), attached hereto as a part hereof.

DATA AND SUPPORTING INFORMATION

Methodology Utilized by the Committee

The Eastern Kentucky Tight Formation Committee used all possible data which was available for this study.

Driller's records were obtained for wells drilled in Pike County. Well name, operator, location data, drilling data, production data and state permit number, when available, were placed on computer key punch sheets. This information was entered in the Kentucky Geological Survey's computer data bank. Appendix 1 (p. 16) contains Pike County Berea data sorted by map serial number. All wells drilled in the county were located on 7½ minute topographic quadrangles. A Regional map (Figure 2) and cross-sections (Figures 3 and 4 pocket) were constructed.

Natural open flows from the Berea were placed on the topographic quadrangles. Porosity and water saturation were determined by electric log analysis at 2 foot intervals from 25 wells. Information was evaluated from seven (7) cores in Pike and adjoining counties.

Description of the Berea Sandstone

The Berea Sandstone in the study area is buff to light grey siltstone to fine-grained sandstone. The rock is cemented by silica (quartz) and clay. Pyrite is a common accessory mineral.

The Berea is commonly interbedded with shale. The cleaner sand zones are generally the better producing sections. The Berea in this area was deposited

in a marine environment on a shelf, which was offshore to a western prograding delta.

The organic-rich Sunbury Shale (Coffee Shale - driller's terminology) overlies the Berea. Below the Berea lies the brown to black to grey Devonian Shale. Both of these shales have high organic content and serve as excellent source rocks.

The thickness of the Berea in Pike County ranges from less than 20 to over 125 feet. The average depth to the top of the Berea is 2,400 feet in western Pike County and increases to 3,500 feet to the east, along the Kentucky-Virginia border. In the southern portion of the county, the Berea crops out at the surface, as a result of the Pine Mountain thrust. The exposed Berea has been thrust into Pike County from the southeast. Associated with the Pine Mountain thrust, are tear faults, which run perpendicular to the thrust. This faulting has created fractures which enhance porosity and permeability.

North-south (A-A') and east-west (B-B') cross-sections were constructed to demonstrate the internal character (thickness and lithology) of the Berea (Figures 3 and 4). Gas producing zones in the Berea are shown in the cross-sections.

The thickness of the Berea in Pike County is irregular, as shown in the cross-section. The cross-sections also demonstrate sand and shale interbedding and the "tightness" (low porosity) of the sand. Producing zones are the cleaner sand intervals shown in the cross-sections. These zones vary in thickness and are discontinuous.

Reservoir Characteristics of the Berea Sandstone

Permeability values used in this study were determined by two methods: 1) core analysis and 2) electric log analysis.

Permeability values determined from thirty-two (32) Berea wells (seven (7) wells from core analyses and twenty-five (25) wells from electric log analyses) in Pike County and surrounding counties indicate the average

permeability of the Berea pay zone to be less than 0.1 md. The location of wells from which permeability data was obtained is shown in Figure 5.

Seven (7) Berea Sandstone cores were available in Pike County and adjacent counties for this study. The location of these cores is shown in Figure 5. From Pike County, one core was taken; the United Fuel Gas (UFG) K. H. Bevins No. 8959. North of Pike County, in Martin County, Kentucky the Columbia Gas Transmission (CGT) Pocahontas No. 20456 was taken. Five (5) cores were taken in Buchanan and Dickenson Counties, Virginia, along the eastern Pike County border. These cores are the UFG Robert and David Bell No. 9518, the UFG Pittson Coal No. 9588, the CGT Robert and David Bell No. 9636, CGT Pittson Coal No. 20211 and the CGT Grover Dell No. 20342.

The average permeability of the pay zone from all seven (7) Berea cores is less than 0.1 md. The core analyses from these wells is shown in Appendix 2 (p. 64).

Electric log analysis was performed on data from 25 wells at 2 foot intervals throughout the pay to determine porosity and water saturation (Table 1). The average pay thickness of the 25 wells is 42.96 feet. The average porosity is 6.09%. The average water saturation is 37.63%.

The data from electric log analysis was plotted in Schlumberger's Chart K-2 for determining in-situ permeability in reservoirs. Appendix 3 (p. 75) contains Schlumberger's Charts K-2 for the twenty-five (25) wells. All twenty-five (25) wells have an average permeability from the Berea pay section of less than 0.1 md. This method of determining permeability has been used in the Berea Sandstone Tight Formation Report from the Plateau of Virginia in May 1981 and the Berea Sandstone Tight Formation Report from Lawrence County, Kentucky in November 1981. Both of these reports have been approved by FERC.

Stabilized Natural Open Flow of Gas

Natural open flows of gas from the Berea in Pike County were obtained from driller's records. This information is given in Appendix 1. These natural open flows were taken during brief shutdowns while drilling or shortly upon completion of drilling and are not stabilized flows. In order to obtain

BEREA WELLS WITH PERMEABILITY DATA

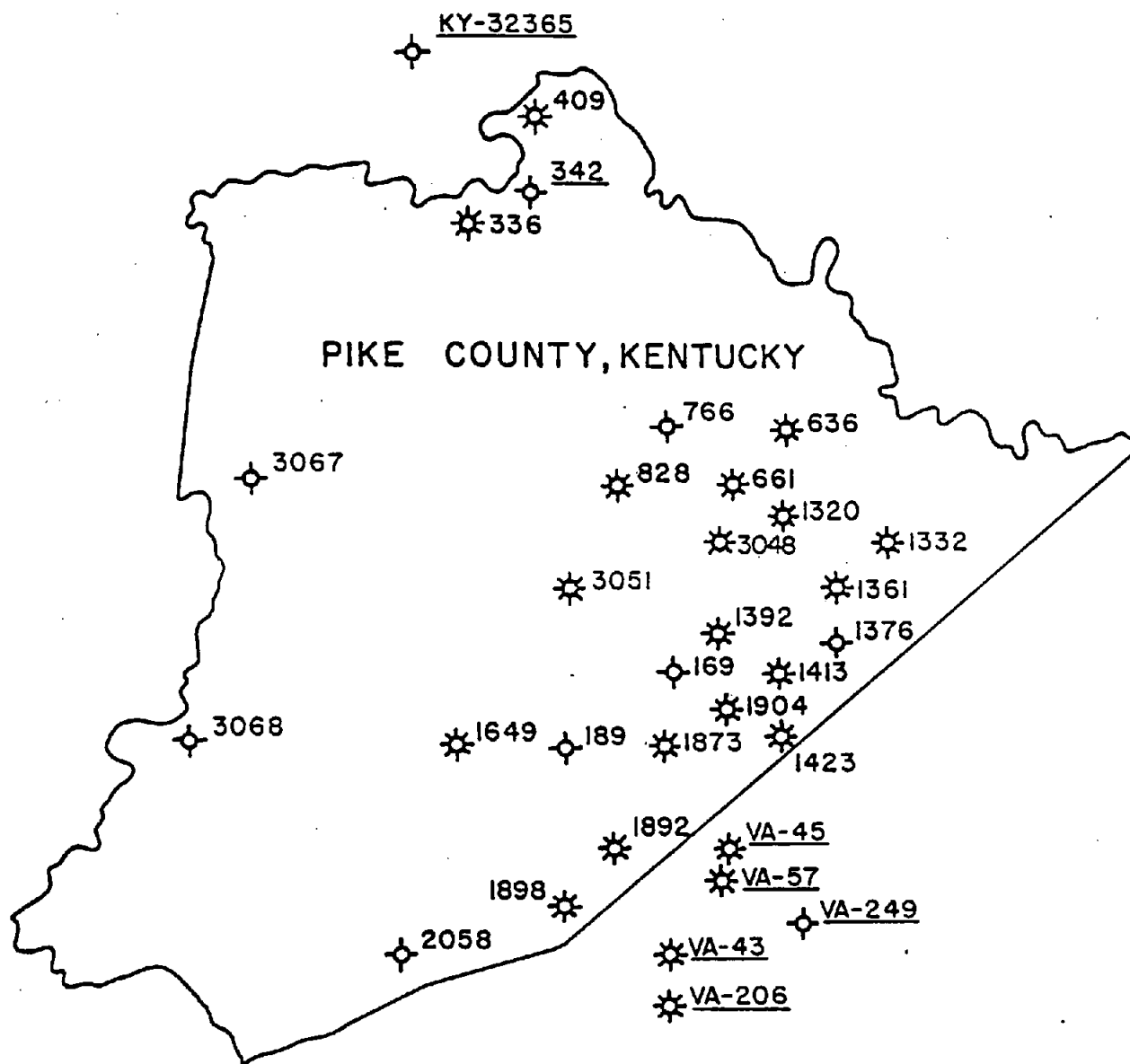


FIGURE 5

UNDERLINED WELLS CORE DATA, ALL
OTHERS ELECTRIC LOG ANALYSIS.

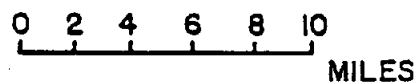


TABLE 1
RESERVOIR DATA
BEREA SANDSTONE, PIKE COUNTY, KENTUCKY

Map Serial Number	Well Name	Pay Thickness (Feet)	Average Porosity (%)	Average Water Sat (%)	Average Permeability of the Pay Zone (Md)
48	J. L. Dotson 4	106	9.5	29.32	< 0.1
51	G. C. Rowe 6980	82	8.5	28.6	< 0.1
169	Kentland Coal 20550	92	6.62	28.08	< 0.1
189	Kentland Coal 20689	66	5.1	44.09	< 0.1
336	J. B. Elkins 20585	20	5.7	41.4	< 0.1
409	G. Stepp 20303	50	6.02	27.8	< 0.1
636	Ford Motor 51	34	8.3	35.0	< 0.1
661	Ford Motor 52	44	6.45	28.6	< 0.1
766	Smith Hairs 23	50	8.7	26.3	< 0.1
828	J. F. Phillips 5378	50	6.7	29.0	< 0.1
1320	Kentland Coal 20549	50	5.71	24.96	< 0.1
1332	Kentland Coal 20455	16	5.5	54.4	< 0.1
1361	Kentland Coal 20247	16	6.75	27.6	< 0.1
1376	Kentland Coal 9477	12	4.2	54.0	< 0.1
1392	J. Rowe 9413	50	6.06	39.52	< 0.1
1413	W. M. Fuller 20688	38	5.63	38.21	< 0.1
1423	Pikeville National Bank 20232	22	5.8	38.5	< 0.1
1649	Chesapeake Mineral 27	48	5.2	36.3	< 0.1
1873	Berwind Corporation 9600	52	4.8	42.4	< 0.1
1892	Kentland Coal 20458	20	3.8	59.0	< 0.1
1898	B/g Sandy Company 1452	54	5.4	37.3	< 0.1
1904	Kentland Coal 9478	32	5.2	24.5	< 0.1
2058	Blair Fork Coal 1699	44	6.36	37.45	< 0.1
3067	J. Hatcher Land 9	10	4.4	56.0	< 0.1
3068	Colony C & C 77	<u>16</u>	<u>6.04</u>	<u>52.5</u>	<u>< 0.1</u>
	AVERAGE	42.96	6.09	37.63	< 0.1

a stabilized natural flow, the well would have to flow for a long period of time. This is neither feasible or economical for producers.

Order Number 99 sets limits for stabilized natural production versus depth, which is one of the guidelines for tight formation designation. The committee decided to exclude all areas which exceed the natural flow guidelines for tight formation designation, even though unstabilized flow rates had to be used. The committee believes, if most of the unstabilized flow rates which exceed the limit, were given time to stabilize, they would be within the guidelines. Unstabilized flows are higher than stabilized flows.

"Shows" recorded in driller's records were assigned 10 Mcf/day for gas and 1 barrel of oil/day (BOPD) for oil, as defined by the Committee.

The natural open flows from the Berea in Pike County are in Appendix 1. Aerial distribution of open flows are on the 7½' topographic quadrangles.

The permeability data collected from 32 Berea wells indicates the average permeability of the pay section is less than 0.1 md. in Pike County. All areas, which were excluded, were done solely on high natural open flows.

Oil Production Rates

Oil flow from the Berea before stimulation does not exceed the five (5) barrels per day (BOPD) limit set by FERC in Order 99. New wells drilled through the Berea are not expected to exceed the five (5) BOPD limit. There has been no production of oil from the Berea in Pike County to date.

PROTECTION OF FRESH WATER ZONES

Future exploratory and development wells drilled through the Berea Sandstone will comply with all rules and regulations set forth by the State of Kentucky [Section 3 (1) of 805 KAE 1:020] (Exhibit 6) and/or applicable Federal regulations to protect any known or expected fresh water zones from any contamination or harm to the human and agricultural environments. This will assure the protection of all fresh water zones in Pike County, Kentucky.

INFILL DRILLING

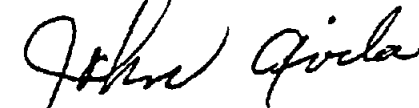
There has been no authorization by the Oil and Gas Division for the development of any formation in Pike County, Kentucky by infill drilling.

GEOGRAPHICAL AREAS REQUESTED FOR TIGHT FORMATION DESIGNATION

Permeability and natural open flow rates of the Berea are shown on the 7½ minute quadrangle maps. Committee members studied and determined which areas would be included and excluded for tight formation designation. A circle with a radius of 1,500 feet was chosen for excluded wells. Areas have been excluded in Pike County which do not fall into limits set by FERC under Order 99. These areas are shown in Figure 2 and are also shown in greater detail on the 7½ minute quadrangle maps.

Respectfully submitted,

EASTERN KENTUCKY TIGHT FORMATION
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REFERENCES CITED

Eastern Kentucky Tight Formation Committee, 1981, Areas Requested For Tight Formation Designation of the Berea Sandstone in Lawrence County, Kentucky. John Avila - Chairman.

Schlumberger, 1972, Log Interpretation Charts, Houston, Texas, 92 p.

Virginia Tight Sand Committee, 1981, Areas Requested for Tight Sand Designation in the Berea Sandstone in the Plateau Region of Virginia. Edward M. Rothman - Chairman.

Appendix 1
Kentucky Geological Survey
Tight Formation Well Lists
Pike County, Kentucky

A Supplemental Well Listing Begins On P. 59

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
	UNITED FUEL GAS CO	8322	KUWE, G C	PIKE	2750FNL1750FEL21	186	953	4136	3108		GAS	103 3410H10
1	WISER OIL CO	1	BEHNLEHEN MINES CO	PIKE	680FNL1300FEL	1 182	1266	3693	3052		GAS	0 3410H10
3	KY WEST VA GAS CO	6226	JOHNSON, WILLIAM	PIKE	2750FNL150FWL	1 182	1419	3853	3165		GAS	10 3410H10
5	KY WEST VA GAS CO	6489	BENTLEY, WILLIAM	PIKE	1300FNL2450FWL	2 182	1498	3941	3275		GAS	0 3410H10
7	KY WEST VA GAS CO	6350	MAGGARD, LOUISA	PIKE	1800FNL2250FEL	1 183	1477	4099	3367		DEA	0
8	KY WEST VA GAS CO	6383	MAGGARD, LOUISA	PIKE	2100FSL1300FEL	1 183	1657	4295	3553		GAS	0 3410H10
9	KY WEST VA GAS CO	6339	MULLINS, W U	PIKE	2600FNL300FWL	1 183	1425	4031	3293		GAS	0 3410H10
10	KY WEST VA GAS CO	6324	MULLINS, JOHN A	PIKE	950FNL2275FEL	2 183	1352	3926	3200		GAS	0 3410H10
12	KY WEST VA GAS CO	6292	MULLINS, SMITH	PIKE	1400FSL500FWL	2 183	1396	3925	3282		DEA	0
13	KY WEST VA GAS CO	6160	MULLINS, J S	PIKE	450FNL1500FEL	3 183	1161	5022	1958		DEA	0
19	KY WEST VA GAS CO	6288	JOHNSON, TANDY	PIKE	2750FNL2350FEL	3 183	1442	3938	3257		GAS	0 3410H10
28	KY WEST VA GAS CO	6320	MOORE, ISAAC	PIKE	1750FNL700FEL	3 184	1524	4417	3618		DEA	0
29	KY WEST VA GAS CO	6341	MOORE, JACK	PIKE	1500FSL2225FEL	3 184	1428	4309	3491		GAS	0 3410H10
30	KY WEST VA GAS CO	1072	CABLE, JOHN	PIKE	1150FNL1050FWL	4 184	1433	4141	3346		GAS	0 3410H10
33	KY WEST VA GAS CO	1059	POTTER, LIZZIE	PIKE	2400FSL950FWL	4 184	1506	4211	3425		GAS	0 3410H10
36	KY WEST VA GAS CO	1069	POTTER, SAM	PIKE	2400FSL2075FEL	5 184	1365	4027	3277		GAS	50 3410H10
43	KY WEST VA GAS CO	6379	POWELL, GEORGE W	PIKE	2650FNL1150FWL	6 184	1688	4406	3635		GAS	0 3410H10
46	KY WEST VA GAS CO	6402	OSBORN, MARSHALL	PIKE	700FSL450FEL	7 184	1338	4192	3428		GAS	0 3410H10
47	KY WEST VA GAS CO	6424	ANDERSON, SARAH	PIKE	2150FNL1000FWL	8 184	1419	4284	3495		GAS	0
48	KY WEST VA GAS CO		ANDERSON, SARAH	PIKE	300FNL925FWL	8 184	1520	4401	3602	40.7	DEA	0
49	KY WEST VA GAS CO	6352	OSBORN, JERRY	PIKE	2825FSL1525FWL	14 184	1463	4379	3602		DEA	10
50	KY WEST VA GAS CO	6423	ADAMS, G W	PIKE	1350FNL100FWL	15 184	1611	4398	3645		DEA	0
65	UNITED FUEL GAS CO	9022	KENILAND COAL 170	PIKE	700FSL2200FWL	10 187	1440	3858	3688		GAS	10 3398BREA
66	UNITED FUEL GAS CO	9248	KENILAND COAL & CO	PIKE	2250FSL300FEL	10 187	1631	4062	3900		GAS	0 3398BREA
67	UNITED FUEL GAS CO	6608	KUWE, G C 4	PIKE	2950FSL2350FEL	11 186	1347	4427	3431		GAS	33 3410H10
68	UNITED FUEL GAS CO	6226	KUWE, G C 3	PIKE	2200FSL350FEL	11 186	1648	4768	3775		GAS	14 3410H10
70	COLUMBIAN FUEL COR	1271	CHESAPEAKE MINERAL	PIKE	2150FSL2100FWL	15 187	1136	3905	3268		GAS	48 3410H10
71	UNITED FUEL GAS CO	6578	KENILAND COAL & CO	PIKE	1500FSL1000FEL	15 187	1422	4590	3555		DEA	15 3410H10
72	COLUMBIAN FUEL COR	1254	CHESAPEAKE MINERAL	PIKE	1600FNL150FEL	15 187	1372	3640	3512		GAS	18 3398BREA
73	COLUMBIAN FUEL COR	1315	CHESAPEAKE MINERAL	PIKE	1900FNL1400FWL	14 187	1256	4554	3446		GAS	0 3410H10
74	COLUMBIAN FUEL COR	3268	CHESAPEAKE MINERAL	PIKE	1450FNL1350FEL	14 187	1543	4759	3755		GAS	0 3410H10
75	COLUMBIAN FUEL COR	1382	CHESAPEAKE MINERAL	PIKE	2200FSL350FEL	13 187	1347	4638	3604		GAS	10 3410H10
76	COLUMBIAN FUEL COR	1453	CHESAPEAKE MINERAL	PIKE	650FNL350FEL	12 187	1426	4681	3631		GAS	15 3410H10
77	CHILES SKY OIL	1698	CHESAPEAKE MINERAL	PIKE	2900FNL900FEL	12 187	1662	4100	3915		GAS	0 3398BREA
79	COLUMBIAN FUEL COR	1451	CHESAPEAKE MINERAL	PIKE	1550FNL2100FEL	11 187	1492	4856	3782		GAS	28 3398BREA
80	UNITED FUEL GAS CO	9010	KENILAND COAL & CO	PIKE	1500FNL1000FEL	11 187	1551	4033	3882		GAS	10 3398BREA
81	UNITED CARBON CO		MASON WAL & COKE	PIKE	1000FSL550FEL	13 186		3905	3119		GAS	10 3410H10
82	UNITED FUEL GAS CO	4518	KENILAND C & C CO	PIKE	600FNL1600FEL	19 186	950	4305	3015		GAS	84 3410H10
83	UNITED FUEL GAS CO	8084	KENILAND COAL 47	PIKE	450FNL500FWL	20 186	1488	4606	3635		GAS	65 3410H10
85	UNITED FUEL GAS CO	6144	KEENE, JALM	PIKE	350FNL1000FWL	16 187	1191	4280	3375		GAS	26 3410H10
86	COLUMBIAN FUEL COR	1292	CHESAPEAKE MINERAL	PIKE	200FSL2000FEL	15 187	1095	3783	3256		GAS	45 3410H10
87	COLUMBIAN FUEL COR	1241	CHESAPEAKE MINERAL	PIKE	1650FSL1000FEL	15 187	1038	3332	3195		GAS	270 3398BREA
88	COLUMBIAN FUEL COR	1316	CHESAPEAKE MINERAL	PIKE	300FNL1550FWL	17 187	1044	4259	3245		GAS	0 3398BREA

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
89	COLUMBIAN FUEL COR	1404	CHESAPEAKE MINERAL	PIKE	1700FSL 600FWL13	L87	1195	4422	3438		GAS	10 3410H1U
91	UNITED FUEL GAS CO	8708	HUNT, FRANK	PIKE	2750FSL2900FEL19	L87	1501	4831	3769		GAS	0 3410H1U
92	UNITED FUEL GAS CO	8709	KENTLAND COAL & CO	PIKE	250FSL 400FEL12	L87	1373	4736	3698		GAS	10 3410H1U
93	COLUMBIAN FUEL COR	1448	ROME, G C U-1	PIKE	0FSL2200FNL11	L87	1345	3751	3640		GAS	10 3398KEA
94	UNITED FUEL GAS CO	9009	KENTLAND CO 146	PIKE	0FSL 450FEL11	L87	1216	3675	3518		GAS	25 3398KEA
95	UNITED FUEL GAS CO	8905	KENTLAND COAL & CO	PIKE	3000FNL 50FNL19	L86	1092	4096	3132		DEA	10
96	UNITED FUEL GAS CO	8086	KENTLAND COAL & CO	PIKE	2800FSL 200FNL20	L86	1233	4317	3342		GAS	10 3410H1U
97	UNITED FUEL GAS CO	6672	ROME, G C & SOPHIA	PIKE	1900FNL1700FEL20	L86	1127	4252	3261		GAS	60 3410H1U
98	UNITED FUEL GAS CO	6909	KEENE, JACK	PIKE	2300FSL 850FEL20	L86	978	4137	3115		GAS	15 3410H1U
99	UNITED FUEL GAS CO	8553	KENTLAND COAL & CO	PIKE	1700FSL1400FNL16	L87	1245	4472	3446		GAS	10 3410H1U
100	UNITED FUEL GAS CO	8608	KEENE, JACK	PIKE	2250FNL2250FEL16	L87	1074	4295	3270		GAS	10 3410H1U
101	COLUMBIAN FUEL COR	1306	CHESAPEAKE MINERAL	PIKE	1600FNL 650FEL16	L87	1319	4590	3560		GAS	10 3410H1U
102	UNITED FUEL GAS CO	8609	KENTLAND COAL & CO	PIKE	800FNL2650FSL17	L87	1419	4630	3622		GAS	10 3410H1U
103	UNITED FUEL GAS CO	8620	KENTLAND COAL & CO	PIKE	2450FSL1300FEL17	L87	1295	4562	3519		GAS	21 3410H1U
104	UNITED FUEL GAS CO	8706	KENTLAND COAL & CO	PIKE	1950FNL1150FNL18	L87	1499	4836	3758		GAS	84 3410H1U
106	UNITED FUEL GAS CO	8902	KENTLAND COAL CO 1	PIKE	2800FSL2450FEL19	L87	1385	4706	3642		DEA	0
107	UNITED FUEL GAS CO	8752	ROME, G C ETAL	PIKE	2850FNL 50FNL20	L87	1052	4390	3309		GAS	0 3410H1U
108	UNITED FUEL GAS CO	8786	KENTLAND COAL & CO	PIKE	2500FNL 850FEL20	L87	1064	4465	3390		GAS	33 3410H1U
109	UNITED FUEL GAS CO	6921	KENTLAND COAL & CO	PIKE	550FSL 100FNL18	L86	1453	4532	3525		GAS	15 3410H1U
110	COLUMBIAN FUEL COR	1207	JUSTICE, IACH 2	PIKE	0FNL1900FNL22	L86	761	3813	2840		GAS	15 3410H1U
111	UNITED FUEL GAS CO	6908	KENTLAND COAL & CO	PIKE	650FNL 300FEL22	L86	1079	4177	3223		GAS	30 3410H1U
112	UNITED FUEL GAS CO	8087	KENTLAND COAL & CO	PIKE	250FSL1950FNL20	L86	1047	4142	3176		GAS	21 3410H1U
113	UNITED FUEL GAS CO	8253	KENTLAND COAL & CO	PIKE	700FNL 700FEL25	L87	983	4222	3208		GAS	49 3410H1U
114	UNITED FUEL GAS CO	8552	KENTLAND CO 76	PIKE	500FNL 350FNL25	L87	1239	4506	3462		GAS	67 3410H1U
115	UNITED FUEL GAS CO	8576	KENTLAND CO BU	PIKE	3816L 15G MUN E			4984	3928		GAS	10 3410H1U
117	UNITED FUEL GAS CO	9332	KENTLAND COAL & CO	PIKE	900FNL 100FEL23	L87	860	3302	3133		GAS	0 3398KEA
118	GILLES SKY OIL CO		ROME, M C ETAL	PIKE	500FSL1800FNL19	L87	1105	3556	3405		GAS	0 3398KEA
119	UNITED FUEL GAS CO	8755	HUNT, DEWEY ETAL	PIKE	50FNL 400FEL22	L87	1010	4376	3330		GAS	0 3410H1U
120	UNITED FUEL GAS CO	8757	KENTLAND COAL & CO	PIKE	150FNL1150FEL21	L87	878	4655	3230		GAS	10 3410H1U
121	COLUMBIAN FUEL COR	1334	DESKINS, JIMPER 1	PIKE	2200FSL 500FEL23	L86	749	3821	2846		GAS	21 3410H1U
122	UNITED FUEL GAS CO	6821	KENTLAND COAL & CO	PIKE	2300FNL1250FNL22	L86	1003	4064	3120		GAS	60 3410H1U
123	UNITED FUEL GAS CO	4897	JUSTICE, JOHN W	PIKE	2250FSL2000FNL22	L86	925	3986	3025		GAS	10 3410H1U
124	UNITED FUEL GAS CO	6673	JUSTICE, J W 2	PIKE	2850FNL1100FEL22	L86	1093	4180	3210		GAS	10 3410H1U
125	UNITED FUEL GAS CO	6905	JUSTICE, J W	PIKE	2200FSL2000FNL22	L86	1157	4247	3270		GAS	37 3410H1U
126	UNITED FUEL GAS CO	8187	KEENE, AUDIE	PIKE	1200FSL2250FNL21	L86	1155	4362	3323		GAS	133 3410H1U
128	UNITED FUEL GAS CO	8410	KENTLAND CO 63	PIKE	2350FSL 900FEL25	L87	818	4062	3025		GAS	26 3410H1U
129	UNITED FUEL GAS CO	8346	KENTLAND CO 69	PIKE	2850FNL1600FEL25	L87	1000	4191	3193		GAS	0 3410H1U
130	UNITED FUEL GAS CO	8578	KENTLAND CO	PIKE	1300FSL 0FEL25	L87	1460	4689	3704		GAS	10 3410H1U
131	UNITED FUEL GAS CO	8577	KENTLAND CO	PIKE	2400FNL1750FNL24	L87	1507	4797	3755		GAS	10 3410H1U
132	UNITED FUEL GAS CO	8695	KENTLAND CO	PIKE	1850FNL1000FEL24	L87	992	4338	3280		GAS	84 3410H1U
133	UNITED FUEL GAS CO	6918	KENTLAND CO 44	PIKE	1750FNL 500FNL23	L87	853	4077	3142		GAS	10 3410H1U
134	UNITED FUEL GAS CO	9446	KENTLAND CO 209	PIKE	2300FSL2200FEL23	L87	1142	3619	3475		GAS	10 3398KEA
135	COLUMBIA GAS TRANS	20019	KENTLAND CO 233	PIKE	3300FSL2880FEL22	L87	1144	3625	3462		GAS	10 3398KEA

WELL NO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	AREA	PERM	CMPL	IP	PAY
136	UNITED FUEL GAS CO	8150	KENTLAND COAL & CO	PIKE	1850FNL1450FNL21 L87	1041	4417	3383			12	
137	UNITED FUEL GAS CO	9348	KENTLAND CO 108	PIKE	1750FNL1300FNL21 L87	977	3452	3310			33	33BUREA
138	UNITED FUEL GAS CO	6720	KENTLAND COAL & CO	PIKE	1150FNL1800FNL 3 K86	1362	4450	3521			10	3410H1U
139	UNITED FUEL GAS CO	6719	KENTLAND COAL & CO	PIKE	500FNL 200FNL23 L86	1040	4129	3140			10	3410H1U
140	UNITED FUEL GAS CO	6903	KENTLAND COAL & CO	PIKE	100FNL2000FNL 2 K86	1499	4595	3601			10	3410H1U
141	UNITED CARBON CU		COLUMBY COAL & COKE	PIKE	150FNL 350FNL21 L86	806	3073	2990			327	33BUREA
142	UNITED FUEL GAS CO	8190P	HILLTOPS, KERRY M & E	PIKE	1000FNL2350FNL 1 K86	883	4021	3040			119	3410H1U
143	UNITED CARBON CU		COLUMBY COAL & COKE	PIKE	2100FNL 600FNL 1 K86	833	3118	2998			29	33BUREA
144	UNITED FUEL GAS CO	8408		PIKE	1700FNL 800FNL 1 K86	880	4027	3080			60	3410H1U
145	UNITED FUEL GAS CO	8345	KEEN, AUDIE	PIKE	350FNL 300FNL21 L86	749	3951	2950			133	3410H1U
146	UNITED FUEL GAS CO	8632	MUMF, S F	PIKE	1300FNL1250FNL 9 K87	1195	4324	3322			0	3410H1U
147	UNITED FUEL GAS CO	8347	KEEN, AUDIE 3	PIKE	550FNL2700FNL25 L87	1224	4466	2917			0	3410H1U
148	COLUMBIAN FUEL CUR		JHNSNSUN, BENNIE 1	PIKE	700FNL1150FNL 5 K87	1097	4402	3375			10	3410H1U
149	KY WEST VA GAS CU	6490	ABSHIRE, A J 27-7	PIKE	600FNL1190FNL24 L87	871	4129	3128			0	3410H1U
150	UNITED FUEL GAS CO	8710	KENTLAND CO	PIKE	1850FNL1000FNL 4 K87	1162	4408	3433			10	3410H1U
151	KY WEST VA GAS CU	6548	ABSHIRE, A J 27-7	PIKE	1250FNL2300FNL 4 K87	1191	4151	3142			0	3410H1U
152	COLUMBIA GAS TRMS	9697	KENTLAND CO 227	PIKE	950FNL1860FNL 3 K87	1293	4944	3552			0	33BUREA
154	UNITED FUEL GAS CO	9502	KENTLAND, ANDY	PIKE	450FNL 600FNL21 L87	936	3421	3272			65	33BUREA
155	UNITED FUEL GAS CO	9390	KENTLAND CO 195	PIKE	2800FNL1250FNL 1 K87	1048	3505	3366			10	33BUREA
156	UNITED CARBON CU		REPUBLIC STEEL CO	PIKE	2700FNL 100FNL 3 K86	1019	4104	3168			10	3410H1U
157	UNITED CARBON CU		COLUMBY COAL & COKE	PIKE	2550FNL2200FNL 2 K86	1027	4081	3148			22	3410H1U
158	UNITED FUEL GAS CO	8289	KENTLAND COAL & CO	PIKE	2400FNL1450FNL 2 K86	805	3851	2887			223	3410H1U
159	UNITED CARBON CU		COLUMBY COAL & COKE	PIKE	550FNL450FNL 2 K86	913	4020	3066			10	3410H1U
160	UNITED CARBON CU		COLUMBY COAL & COKE	PIKE	1950FNL 350FNL 1 K86	889	4045	3074			0	3410H1U
161	UNITED CARBON CU		COLUMBY COAL & COKE	PIKE	2750FNL2250FNL 1 K86	826	3168	3019			73	3410H1U
162	UNITED FUEL GAS CO	8156	MUMF, S C	PIKE	2200FNL1100FNL 1 K86	737	3981	2950			103	3410H1U
163	UNITED FUEL GAS CO	8407	KENTLAND COAL & CO	PIKE	450FNL2100FNL 1 K87	1132	4376	3345			33	3410H1U
164	UNITED FUEL GAS CO	8248	MUMF, S C	PIKE	1600FNL1000FNL 5 K87	1039	4242	3240			21	3410H1U
165	UNITED FUEL GAS CO	8579	KENTLAND CO	PIKE	2800FNL1900FNL 5 K87	982	4320	3290			0	3410H1U
166	UNITED FUEL GAS CO	8633	KENTLAND CO	PIKE	1900FNL 200FNL 5 K87	1004	4251	3239			0	3410H1U
167	UNITED FUEL GAS CO	8619	KENTLAND CO	PIKE	2400FNL2350FNL 4 K87	1056	4344	3385			0	3410H1U
168	COLUMBIA GAS TRMS	9698	MUMF, LUNARD M ETA	PIKE	3400FNL 80FNL 9 K86	1148	4371	3301			10	33BUREA
169	COLUMBIA GAS TRMS	20550	KENTLAND CO	PIKE	2470FNL1800FNL 2 K87	1148	3671	3516			327	33BUREA
170	UNITED FUEL GAS CO	9500	MUMF, S C ETAL	PIKE	2800FNL2250FNL 1 K87	904	3363	3219			0	33BUREA
171	UNITED CARBON CU		REPUBLIC STEEL CO	PIKE	200FNL 100FNL 3 K86	1313	4405	3455			10	3410H1U
172	UNITED CARBON CU		REPUBLIC STEEL CO	PIKE	3100FNL 350FNL 8 K86	1141	4263	3291			60	3410H1U
173	UNITED CARBON CU		COLUMBY COAL & COKE	PIKE	1700FNL2250FNL 9 K86	1084	4192	3230			39	3410H1U
174	UNITED FUEL GAS CO	8603	KENTLAND CO 79	PIKE	2300FNL1950FNL10 K86	1000	4260	3234			15	3410H1U
175	UNITED FUEL GAS CO	8604	KENTLAND COAL & CO	PIKE	1900FNL 400FNL10 K86	1012	4236	3237			15	3410H1U
176	KY WEST VA GAS CU	6401	JUSTICE, DAVID C	PIKE	2700FNL2150FNL 6 K87	1166	4414	3425			10	3410H1U
177	UNITED FUEL GAS CO	8643	KENTLAND CO 87	PIKE	800FNL1150FNL 7 K87	967	4230	3225			60	3410H1U
178	UNITED CARBON CU		COLUMBY COAL & COKE	PIKE	2500FNL 100FNL 7 K87	999	3369	3260			103	33BUREA
179	UNITED FUEL GAS CO	8758	KENTLAND CO 105	PIKE	300FNL 550FNL 4 K87	1003	4387	3321			0	3410H1U

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
180	UNITED FUEL GAS CO	8759	KENTLAND CO 108	PIKE	1900FNL2200FEL 7	1174	4448	3431		GAS	38	3410H1U
181	COLUMBIA GAS TRANS	9791	KENTLAND CO 230	PIKE	380FNL 150FEL 8	1197	3640	3496		GAS	10	3398REA
182	COLUMBIA GAS TRANS	9651	WHITT L F ETAL	PIKE	1200FNL 100FEL 9	1156	3642	3492		GAS	0	3398REA
183	COLUMBIA GAS TRANS	9543	BERKINUD CURP 215	PIKE	300FNL1550FEL10	1024	3540	3392		GAS	10	3398REA
184	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	700FSL1300FEL 8	1282	3533	3405		GAS	21	3398REA
185	UNITED FUEL GAS CO	8900	KENTLAND CO	PIKE	2150FSL2250FNL 9	1396	4563	3590		GAS	10	3410H1U
186	UNITED FUEL GAS CO	8406	KENTLAND CO 66	PIKE	2550FSL 500FEL 9	1371	4557	3562		GAS	10	3410H1U
187	UNITED CARBON CO		REPUBLIC STEEL LUM	PIKE	0FSL 350FNL10	1399	4627	3625		GAS	10	3398REA
188	UNITED FUEL GAS CO	8666	KENTLAND COAL & CO	PIKE	1250FSL2400FEL10	1276	4535	3523		GAS	10	3410H1U
189	COLUMBIA GAS TRANS	20689	KENTLAND CO	PIKE	75FSL 975FEL10	1332	4964	3600	40.1	GAS	0	3410H1U
190	UNITED FUEL GAS CO	8667	KENTLAND COAL & CO	PIKE	2000FSL 750FNL 6	1223	4451	3475		GAS	0	3410H1U
191	KY WEST VA GAS CO	6568	ABSHIRE, A J 27-B	PIKE	2200FSL2300FEL 7	1273	4548	3553		GAS	0	3410H1U
192	KY WEST VA GAS CO	6537	ABSHIRE, A J 27-B	PIKE	1250FNL 600FEL 7	1070	4355	3356		GAS	0	3410H1U
193	KY WEST VA GAS CO	6507	ABSHIRE, A J 27-B	PIKE	150FSL1500FEL 7	1084	4404	3398		GAS	0	3410H1U
194	UNITED FUEL GAS CO	8760	KENTLAND CO 106	PIKE	2900FNL 200FNL 8	945	4375	3277		GAS	0	3410H1U
195	UNITED FUEL GAS CO	8946	KENTLAND CO 141	PIKE	2900FNL1300FNL 8	1255	4689	3628		GAS	10	3410H1U
196	UNITED FUEL GAS CO	9267	KENTLAND COAL & CO	PIKE	2850FSL 800FEL 8	1198	3690	3540		OIL	15	3398REA
197	COLUMBIA GAS TRANS	9695	KENTLAND CO 225	PIKE	2900FSL2850FEL 9	1190	4939	3546		GAS		3398REA
198	COLUMBIA GAS TRANS	9620	CLINE, J S	PIKE	800FSL 900FEL 9	1255	3759	3628		GAS	10	3398REA
199	COLUMBIA GAS TRANS	9648	BELCHER, LYDIA ETA	PIKE	400FSL2720FEL10	1752	3742	3615		GAS	42	3398REA
200	UNITED FUEL GAS CO	9431	KENTLAND CO 197	PIKE	2950FSL 700FEL10	976	3484	3334		GAS	10	3410H1U
201	ALENT OEG CO		AUKINS, ERIC ETAL	PIKE	1200FNL1500FEL13	1455	4505	3585		GAS	15	3410H1U
202	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	200FNL2100FNL12	1405	3701	3584		GAS	25	3398REA
203	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2900FNL1000FNL12		3382	3267		GAS	15	3398REA
204	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2400FNL1050FEL12	1216	3572	3447		GAS	465	3398REA
205	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2400FNL1450FEL11	1419	3848	3675		GAS	0	3398REA
206	UNITED FUEL GAS CO	8668	KENTLAND CO 88	PIKE	700FNL1250FNL15	1245	4530	3525		GAS	0	3410H1U
207	UNITED FUEL GAS CO	8696	KENTLAND CO 95	PIKE	2500FNL1400FEL15	1423	4698	3690		GAS	0	3410H1U
208	UNITED CARBON CO		CULONY COAL & COKE	PIKE	800FNL1000FNL14	1161	4417	3438		GAS	0	3410H1U
209	KY WEST VA GAS CO	6483	ABSHIRE, A J	PIKE	1800FNL2000FEL14	1142	4454	3447		GAS	0	3410H1U
210	UNITED FUEL GAS CO	9445	KENTLAND CO 208	PIKE	250FNL 100FEL13	1333	3833	3672		GAS	10	3398REA
211	COLUMBIA GAS TRANS	9694	BERKINUD CURP 224	PIKE	2850FNL 400FEL12	1262	4983	3668		GAS	10	3398REA
212	COLUMBIA GAS TRANS	9649		PIKE	2900FNL 960FEL11	1019	3538	3400		GAS	10	3398REA
213	KY WEST VA GAS CO	695	JAMES, D W	PIKE	550FSL1900FNL22	083	756	2751	2019	OIL	0	3410H1U
214	KY WEST VA GAS CO	706	BEVINS, GRADY	PIKE	750FSL 750FEL22083	6751	2699	1970		OIL	10	3410H1U
215	KY WEST VA GAS CO	722	BLANKENSHIP, J M	PIKE	2550FSL1750FNL21	083	676	2735	1975	GAS	60	3410H1U
221	KY WEST VA GAS CO	774	MCCOY, P P	PIKE	1250FSL 600FEL21	083	966	3056	2302	GAS	0	3410H1U
222	KY WEST VA GAS CO	660	TAYLOR, J A	PIKE	2550FNL1500FNL25	084	673	2761	2034	GAS	10	3410H1U
223	KY WEST VA GAS CO	621	TAYLOR, J M	PIKE	1650FSL1950FNL25	084	721	2792	2025	GAS	10	3410H1U
224	KY WEST VA GAS CO	7281	TAYLOR, J A	PIKE	850FNL1350FNL24	084	721	2849	2085	GAS	0	3410H1U
225	KY WEST VA GAS CO	659	TAYLOR, J M	PIKE	3000FNL1800FNL24	084	686	2816	2060	GAS	0	3410H1U
226	KY WEST VA GAS CO	674	TAYLOR, J M	PIKE	3050FNL1800FNL24	084	706	2867	2094	GAS	0	3410H1U
227	KY WEST VA GAS CO	748	TAYLOR, J M	PIKE	1350FNL 500FNL23	084	761	2920	2148	GAS	10	3410H1U

WELL NO	OPERATOR	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAT
228	KY WEST VA GAS CO	694 TAYLOR, J M	PIKE	2125FSL1325FEL23 084	825	3020	2210		GAS	0	3410H10
229	KY WEST VA GAS CO	TAYLOR, J M 1311	PIKE	1750FNL 400FEL23 084	770	2970	2168		DEA	0	3410H10
230	KY WEST VA GAS CO	733 TAYLOR, J M	PIKE	1650FSL1750FEL17 084	867	3000	2360		GAS	0	3410H10
231	KY WEST VA GAS CO	995 TAYLOR, J M	PIKE	1600FSL 700FNL18 084	929	3095	2314		GAS	0	33381GL
233	KY WEST VA GAS CO	719 MAYNARD, F L	PIKE	0FNL 950FNL22 084	848	3068	2260		GAS	10	3410H10
234	KY WEST VA GAS CO	700 TAYLOR, J M	PIKE	2650FSL1500FNL22 084	9401	3160	2352		DEA	0	3410H10
235	WARFIELD NAT GAS C	9247 TAYLOR, JOE	PIKE	1700FSL 300FNL22 084	1050	3256	2454		DEA	0	
238	KY WEST VA GAS CO	710 MAYNARD, F C	PIKE	1900FNL1000FEL22 084	902	3160	2374		DEA	0	3410H10
246	KY WEST VA GAS CO	LONE, F B	PIKE	1250FSL1000FEL19 084	865	3088	2280		DEA	0	
247	KY WEST VA GAS CO	947 LONE, J P	PIKE	50FNL2250FEL21 084	876	3151	2333		GAS	0	3410H10
248	KY WEST VA GAS CO	936 SLUTZ, THOMAS E	PIKE	2075FNL1300FEL21 084	827	3122	2295		GAS	10	3410H10
249	KY WEST VA GAS CO	923 ELKINS, FERRELL	PIKE	1450FSL1000FEL21 084	861	3172	2362		GAS	0	3410H10
250	KY WEST VA GAS CO	712 JAMES, D M	PIKE	1550FNL1550FEL 2 N83	814	2831	2098		GAS	0	3410H10
251	KY WEST VA GAS CO	615 BLACKBURN, A M	PIKE	50FSL 550FEL 2 N83	800	2834	2095		GAS	0	3410H10
252	KY WEST VA GAS CO	744 COLLINSMURTH, MART	PIKE	750FNL1050FNL 1 N83	736	2746	2031		GAS	0	3410H10
253	KY WEST VA GAS CO	666 BLANKENSHIP, W A	PIKE	2600FNL2000FEL 1 N83		2860	2117		GAS	0	3410H10
254	KY WEST VA GAS CO	9326 BURLHEIT, M M	PIKE	2600FNL1950FEL 1 N83	689	2743	2008		GAS	0	3410H10
255	KY WEST VA GAS CO	686 COLLINSMURTH, MART	PIKE	300FNL 750FEL 1 N83	729	2820	2060		GAS	0	3410H10
256	UNITED CARBON CO	1 JAMES, REBECCA ETA	PIKE	1900FSL 450FEL 1 N83		2703	2000		GAS	0	3410H10
258	KY WEST VA GAS CO	618 BLACKBURN, I B	PIKE	500FSL 200FNL 5 N84	691	2764	2042		GAS	0	3410H10
260	FEILER ETAL	1 JAMES, D M	PIKE	600FSL1650FEL 5 N84	689	2800	2042		GAS	0	3410H10
261	KY WEST VA GAS CO	643 SPEARS, RULAND	PIKE	2800FSL2000FEL 5 N84	732	3872	2088		GAS	0	3410H10
262	KY WEST VA GAS CO	643 TAYLOR, J M	PIKE	450FNL1050FEL 5 N84	756	2867	2110		GAS	0	3410H10
263	KINMED ETAL	HUNT, LIZZIE HRS 1	PIKE	500FSL 100FNL 4 N84		2871	2108		GAS	0	3410H10
264	WARFIELD NAT GAS C	9238	PIKE	2500FNL1600FNL 4 N84	745	2901	2125		GAS	0	3410H10
265	KY WEST VA GAS CO	649 CURNETT, MURMA ETA	PIKE	750FNL2050FNL 4 N84	676	2825	2062		GAS	0	3410H10
266	KINMED ETAL	MCCOY, M ETAL	PIKE	1050FSL1900FEL 4 N84		2978	2225		GAS	0	3410H10
268	WARFIELD NAT GAS C	9495 MCCOY, GENIMA ETAL	PIKE	700FNL 850FNL 3 N84		3113	2320		GAS	0	3410H10
269	WARFIELD NAT GAS C	9246 TAYLOR, JOE ETAL	PIKE	400FNL1100FNL 3 N84	950	3125	2345		GAS	0	3410H10
284	KY WEST VA GAS CO	891 TAYLOR, J M	PIKE	2200FSL 900FEL 2 N84	704	2980	2158		GAS	10	3410H10
285	KY WEST VA GAS CO	884 TAYLOR, J M	PIKE	25FSL 800FEL 2 N84	808	3087	2280		GAS	0	3410H10
286	KY WEST VA GAS CO	900 JONES, CUSTER	PIKE	700FSL 700FNL 1 N84	1024	3282	2501		GAS	10	3410H10
287	KY WEST VA GAS CO	877 MAYNARD, FIELDS	PIKE	2850FNL1200FNL 1 N84	886	3157	2364		GAS	0	3410H10
289	MUNICIPAL ORLG CO	LONE, J J	PIKE	2100FSL1900FEL 1 N84	930	3015	2210		GAS	10	3398REA
290	KY WEST VA GAS CO	907 ELKINS, FERRELL	PIKE	1300FNL1500FEL 1 N84	715	3028	2213		GAS	0	3410H10
291	CONTROLLED RESOURCS	ELKINS, D W ETAL	PIKE	2650FSL 300FEL 1 N84	781	3110	2299		GAS	10	3410H10
292	CONTROLLED RESOURCS	LONE, U ETAL	PIKE	850FSL 375FEL 1 N84	810	2918	2355		GAS	10	3398REA
293	KY WEST VA GAS CO	9309 RUBINSON, ELIZABET	PIKE	0FSL 250FNL10 N83	794	2806	2080		GAS	0	3410H10
294	KY WEST VA GAS CO	5361 BURLHEIT, M M	PIKE	2100FNL1950FNL10 N83	606	2851	2106		GAS	10	3410H10
295	KY WEST VA GAS CO	635 BLACKBURN, JAMES	PIKE	1250FNL 275FEL10 N83	892	29603	2227		DEA	0	3410H10
296	KY WEST VA GAS CO	751 SPEARS, JEFF	PIKE	1300FSL 350FEL10 N83	781	2844	2103		GAS	0	3410H10
297	KY WEST VA GAS CO	1228 MCCOY, MARY 3723	PIKE	1850FNL1700FNL 6 N84	744	2839	2080		GAS	10	3410H10
298	KY WEST VA GAS CO	1235 SPEARS, PRULON ET	PIKE	1200FSL1900FNL 6 N84	894	3027	2265		GAS	0	3410H10

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
300	LINDSEY & ELLIOT		BURCHETT, CLINE 2	PIKE	1350FSL 800FEL 6 N84		4209	2960			GAS	19 3410HIU
301	LINDSEY & ELLIOT		2 JACKSON, LAURA	PIKE	2750FSL 450FEL 7 N84	707	2933	2150			GAS	10 3410HIU
302	KY WEST VA GAS CU	070	JACKSON, LAURA	PIKE	2600FNL 1050FEL 7 N84	993	3142	2400			UGA	U
303	KY WEST VA GAS CU	031	RUNYON, LILLIE A	PIKE	950FSL 2300FEL 7 N84	767	2945	2160			GAS	U 3410HIU
304	KY WEST VA GAS CU	047	JACKSON, SALLIE	PIKE	650FNL 1700FEL 7 N84	775	2930	2174			GAS	0 3410HIU
305	KY WEST VA GAS CU	019	COLLINSWORTH, LENA	PIKE	2750FSL 300FEL 7 N84	802	2996	2220			GAS	U 3410HIU
307	KY WEST VA GAS CU	1215	BURCHETT, FLOYD ET	PIKE	1100FSL 1800FEL 8 N84	1013	3243	2430			GAS	0 3410HIU
308	UNITED FUEL GAS CO	0252	THOMPSON, E C	PIKE	300FNL 1800FEL 8 N84	760	2976	2205			GAS	10 3410HIU
309	KY WEST VA GAS CU	079	BURCHETT, FLOYD	PIKE	0FSL 25FEL 9 N84	815	3007	2273			GAS	U 3410HIU
310	CONTROLLED RESOUCS		1 WILLIAMSON, SUSIE	PIKE	275FNL 1675FEL 9 N84	910	3080	2315			GAS	0 3330IGL
312	KY WEST VA GAS CU	044	WILLIAMS, RUBEN J	PIKE	2200FSL 300FEL 9 N84	938	3145	2537			UGA	U
313	KY WEST VA GAS CU	911	NICHOLS, JOHN	PIKE	750FSL 2100FEL 10 N84	1033	3373	2559			GAS	0 3410HIU
314	KY WEST VA GAS CU	052	WILLIAMS, ROBERT	PIKE	2600FSL 2350FEL 10 N84	1006	2957	2534			GAS	10 3410HIU
314	KY WEST VA GAS CU	052	WILLIAMS, ROBERT	PIKE	2600FSL 2350FEL 10 N84	1006	3349	2534			UGA	10 3410HIU
315	KY WEST VA GAS CU	021	WILLIAMS, ROBERT	PIKE	1900FNL 200FEL 10 N84	973	3254	2524			GAS	0 3410HIU
316	KY WEST VA GAS CU	7023	SCAL, AMUS	PIKE	2350FNL 450FEL 11 N83	725	2749	2018			UGA	U
317	KY WEST VA GAS CU	013	BOYD, N J	PIKE	850FNL 2000FEL 11 N83	911	2954	2220			GAS	0 3410HIU
318	KY WEST VA GAS CU	764	SPEARS, LAFE	PIKE	1650FNL 250FEL 15 N84	899	2990	2240			GAS	0 3410HIU
319	KY WEST VA GAS CU	5920	SCALP, WILLIAM	PIKE	2650FNL 2000FEL 15 N84	810	2952	2185			GAS	U 3410HIU
321	LINDSEY & ELLIOT		1 BURCHETT, CLINE	PIKE	600FNL 2300FEL 14 N84	780	2968	2200			GAS	10 3410HIU
323	HILEY, R E		6 WEDDINGTON, BALLAR	PIKE	650FNL 250FEL 13 N84	979	2762	2531			GAS	U 3330IGL
323	HILEY, R E		6 WEDDINGTON, BALLAR	PIKE	650FNL 250FEL 13 N84	979	3302	2531			GAS	U 3410HIU
324	KY WEST VA GAS CU	1196	KENWICK, MAXIE 37	PIKE	2600FNL 850FEL 13 N84	720	2955	2160			GAS	3410HIU
325	KY WEST VA GAS CU	038	BURCHETT, FLOYD ET	PIKE	1000FNL 2150FEL 13 N84	697	2923	2145			UGA	3410HIU
326	HOME OIL & GAS CO		LUME, FLOYD I	PIKE	2400FNL 2000FEL 12 N84	724	3293	2215			GAS	U 3410HIU
327	KY WEST VA GAS CU	922	STEPP, BAMB	PIKE	1250FNL 900FEL 11 N84	849	3186	2374			GAS	10 3410HIU
328	KY WEST VA GAS CU	5547	LESLIE, S B	PIKE	1000FNL 150FEL 11 N84	914	3303	2480			GAS	10 3410HIU
329	KY WEST VA GAS CU	987	MAYNARD, ANNIE	PIKE	550FSL 600FEL 16 U85	1103	3355	2563			GAS	0 3410HIU
330	KY WEST VA GAS CU	863	MAYNARD, FIEBUS	PIKE	2800FNL 2400FEL 25 U85	822	3191	2330			GAS	U 3410HIU
331	KY WEST VA GAS CU	980	MAYNARD, BUD J	PIKE	2100FNL 1000FEL 25 U85	951	3287	2495			GAS	U 3410HIU
332	KY WEST VA GAS CU	023	SCUIT, PULLY A	PIKE	400FSL 300FEL 24 U85	813	3258	2420			GAS	U 3410HIU
333	UNITED FUEL GAS CO	6885	WEDDINGTON, BALLAR	PIKE	1925FSL 1425FEL 24 U85	833	3442	2600			GAS	U 3410HIU
334	KY WEST VA GAS CU	9587	AYLOR, JOHN E	PIKE	2725FNL 2075FEL 24 U85	833	3222	2408			GAS	U 3410HIU
335	KY WEST VA GAS CU	967	TAYLOR, JOHN E	PIKE	800FNL 2150FEL 24 U85	1126	3483	2684			GAS	U 3410HIU
336	COLUMBIA GAS IMNS	20585	POCAHONTAS KY COMP	PIKE	2650FSL 450FEL 21 U85	945	3866	2673	<0.1		GAS	10 3398KEA
337	UNITED FUEL GAS CU	9004	FEDERAL GAS OIL	PIKE	2500FNL 1975FEL 24 U86	835	3500	2543			GAS	U 3410HIU
338	WAKE, E C		FRALEY MNS	PIKE	1600FSL 1150FEL 17 U86	832	3504	2565			GAS	10 3410HIU
339	UNITED FUEL GAS CO	8912	BEVINS, K J	PIKE	2075FNL 25FEL 23 U86	750	3710	2477	<0.1		GAS	30 3410HIU
341	UNITED FUEL GAS CO	8913	BEVINS, G C	PIKE	075FSL 1175FEL 23 U86	679	3655	2421			GAS	10 3410HIU
342	UNITED FUEL GAS CO	8959	BEVINS, K J	PIKE	2925FSL 2275FEL 23 U86	725	3510	2446	<0.1		GAS	10 3410HIU
343	KY WEST VA GAS CU	819		PIKE	1050FNL 2150FEL 5 N85	851	3209	2355			UGA	U
344	KY WEST VA GAS CU	5717	KEESE, WM L	PIKE	2850FNL 900FEL 4 N85	739	3163	2330			UGA	U
346	UNITED FUEL GAS CU	0612	KAZEE, DALLAS	PIKE	2250FSL 1500FEL 4 N85	886	3398	2538			GAS	U 3410HIU

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	UREA	PERM	CPL	IP	PAY
347	UNITED FUEL GAS CO	6824	FEDERAL GAS OIL	PIKE	2275FSL 800FML 3 N85	1270	3828	2983		GAS	0	3410H1U
348	UNITED FUEL GAS CO	6255	FEDERAL GAS OIL	PIKE	1025FNL1600FEL 3 N85	773	3315	2467		UGA	0	
349	UNITED FUEL GAS CO	6362	FEDERAL GAS OIL	PIKE	850FSL1900FEL 3 N85	837		2560		GAS	10	3410H1U
350	UNITED FUEL GAS CO	6886	FEDERAL GAS OIL	PIKE	2975FSL1325FEL 3 N85	1320	3885	3045		UGA	0	
351	UNITED FUEL GAS CO	6667	FEDERAL OIL GAS	PIKE	2400FSL 300FML 2 N85	1243	3826	2980		GAS	0	3410H1U
352	UNITED FUEL GAS CO	8107	BEVINS, V E TRUSTE	PIKE	1250FNL 700FEL 2 N85	915	3467	2637		GAS	0	3410H1U
353	COLUMBIA GAS TRANS	8278	BEVINS, V E	PIKE	50FSL1400FML 1 N85		4062	2857		GAS	0	3410H1U
354	UNITED FUEL GAS CO	8274	FEDERAL GAS OIL	PIKE	2000FNL2100FEL 1 N85	1374	3981	3095		UGA	0	
355	KY WEST VA GAS CO	6212	ELKINS, SAMUEL J	PIKE	2400FSL 800FEL 1 N85	936	3291	2650		GAS	0	3410H1U
356	KY WEST VA GAS CO	6191	ELKINS, SAMUEL J	PIKE	700FSL2000FEL 1 N85	1056	3666	2782		GAS	0	3410H1U
357	KY WEST VA GAS CO	6256	ELKINS, SAMUEL J	PIKE	200FSL 100FML 5 N86	1102	3352	2813		GAS	0	3410H1U
358	KY WEST VA GAS CO	6233	ELKINS, SAMUEL J	PIKE	2500FNL1600FML 5 N86	802	3421	2518		GAS	10	3410H1U
359	KY WEST VA GAS CO	6276	ELKINS, SAMUEL J	PIKE	1000FSL2100FML 5 N86	1026	3625	2740		GAS	0	3410H1U
360	UNITED FUEL GAS CO	8404	FEDERAL GAS OIL	PIKE	1100FNL2300FEL 5 N86	887	3500	2595		GAS	26	3410H1U
361	UNITED FUEL GAS CO	9064	FEDERAL GAS OIL	PIKE	2000FNL2275FML 4 N86	918	3613	2665		GAS	0	3381N1N
362	MALL & JOHNSON		ELKINS, J B	PIKE	1100FNL 650FEL 4 N86	825	3522	2600		GAS	10	3410H1U
363	UNITED FUEL GAS CO	8969	BEVINS, COLE B	PIKE	1550FSL 200FML 3 N86	1031	3714	2795		GAS	0	3410H1U
365	KY WEST VA GAS CO	841	CLINE, PERRY	PIKE	2500FNL1000FML 7 N85	852	3318	2473		GAS	10	3410H1U
367	KY WEST VA GAS CO	832	WEDDINGTON, BALLAN	PIKE	2600FNL1600FEL 7 N85	804	3317	2460		GAS	10	3410H1U
368	KY WEST VA GAS CO	917	BLACKBURN, WM	PIKE	700FSL 25FEL 7 N85	794	3364	2482		GAS	10	3410H1U
369	UNITED FUEL GAS CO	6150	BLACKBURN, VIRGIE	PIKE	2800FSL 25FEL 7 N85	785	3316	2475		GAS	10	3410H1U
371	UNITED FUEL GAS CO	6301	BLACKBURN, VIRGIE	PIKE	2225FSL2325FML 8 N85	938	3210	2656		GAS	0	3410H1U
373	KY WEST VA GAS CO	5820	CAINS, WALTER	PIKE	2425FML 800FEL 8 N85	1182	3770	2905		UGA	0	
374	KY WEST VA GAS CO	5795	CAINS, WALTER	PIKE	1400FNL1275FML 9 N85	985	3576	2715		UGA	0	
375	UNITED FUEL GAS CO	8227	FEDERAL GAS OIL	PIKE	1225FSL1175FML 9 N85	1272	3878	3048		GAS	0	3410H1U
376	KY WEST VA GAS CO	492	YOUNG, W A	PIKE	475FNL1000FEL 9 N85	878	3489	2615		GAS	0	3410H1U
377	KY WEST VA GAS CO	6123	FRANCIS, JOHN ETAL	PIKE	150FSL1075FEL 9 N85	973	3626	2735		GAS	10	3410H1U
378	KY WEST VA GAS CO	6185	FRANCIS, ALLEN	PIKE	2250FNL1950FML10 N85	902	3479	2625		GAS	0	3410H1U
380	KY WEST VA GAS CO	6094	FRANCIS, M H	PIKE	650FSL1200FML10 N85	1050	3690	2806		UGA	0	
381	KY WEST VA GAS CO	6030	FRANCIS, HENDERSON	PIKE	2350FNL1000FEL10 N85	1053	3683	2800		GAS	0	3410H1U
382	KY WEST VA GAS CO	6061	FRANCIS, HUBERT	PIKE	1700FSL 200FEL10 N85	1031	3672	2795		UGA	0	
383	UNITED FUEL GAS CO	8584	FEDERAL GAS OIL	PIKE	1400FNL1200FML 6 N86	1157	3795	2900		GAS	0	3410H1U
385	UNITED FUEL GAS CO	8968	BURKIS, JANE	PIKE	2375FSL 25FEL 7 N86	1032	3736	2813		GAS	0	3410H1U
386	UNITED FUEL GAS CO	8970	BURKIS, JANE	PIKE	1950FNL1750FML 8 N86	750	3440	2521		GAS	0	3410H1U
386	UNITED FUEL GAS CO	8814	BEVINS, G C	PIKE	1925FNL1225FML 8 N86	1084	3600	2828		GAS	0	3410H1U
387	KY WEST VA GAS CO	6334	FRANCIS, ELIJAH	PIKE	1600FSL1500FML 8 N86	779	3470	2580		GAS	10	3410H1U
388	KY WEST VA GAS CO	5496	LESLIE, S B	PIKE	2250FNL 875FML15 N85	820	3235	2395		GAS	0	3410H1U
389	KY WEST VA GAS CO	5525	LESLIE, S B	PIKE	900FNL2200FEL15 N85	908	3321	2504		GAS	10	3410H1U
391	KY WEST VA GAS CO	875	MAYNARD, J E	PIKE	1300FNL 300FEL14 N85	809	3359	2504		GAS	0	3410H1U
392	KY WEST VA GAS CO	5741	KEESE, RICHARD	PIKE	2700FNL1100FML13 N85	1114	3697	2834		GAS	10	3410H1U
393	KY WEST VA GAS CO	5848	YOUNG, JAS W	PIKE	300FNL1525FEL13 N85	979	3571	2712		UGA	0	
394	UNITED FUEL GAS CO	6470	YOUNG, WILLIAM	PIKE	2400FNL2400FEL13 N85	1214	3798	2950		GAS	30	3410H1U
395	KY WEST VA GAS CO	463	YOUNG, ALFRED SM	PIKE	2200FNL 200FML12 N85	1007	3609	2755		GAS	10	3410H1U

WELL NO	OPERATOR	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
396	KY WEST VA GAS CO	1011 YOUNG, J M	PIKE	500FNL2350FNL12 N85	1010	3652	2775		GAS	0	3410H10
398	KY WEST VA GAS CO	5904 FRANCIS, ROBERT	PIKE	1000FNL1200FEL11 N85	972	3634	2745		GAS	0	3410H10
399	UNITED FUEL GAS CO	6646 BEVINS, J MONT	PIKE	2000FNL500FNL15 N86	1203	3680	2983		GAS	0	3410H10
400	KY WEST VA GAS CO	6084 FRANCIS, ROBERT	PIKE	750FNL1550FNL15 N86	1278	3940	3058		DEA	10	
401	KY WEST VA GAS CO	6009 RAY, THOMAS	PIKE	3000FNL2100FEL15 N86	1780	3821	2960		GAS	0	3410H10
402	KY WEST VA GAS CO	1063 BURKIS, LAFE	PIKE	1400FNL100FEL14 N86	1012	3692	2804		GAS	0	3410H10
403	KY WEST VA GAS CO	6351 FRANCIS, ELIJAH	PIKE	1200FNL2150FNL13 N86	869	3568	2670		GAS	0	3410H10
404	COLUMBIA GAS TRANS	9594 FEDERAL GAS OIL	PIKE	200FSL900FNL2 U86	966	3560	2591		GAS	133	3410H10
405	LINCOLN LOGAN OHLG	MEDDINGTON FARM	PIKE	1125FSL1400FEL2 U86	657	3214	2272		GAS	0	3410H10
406	UNITED FUEL GAS CO	8676 TADDT, THOMAS	PIKE	200FNL1400FEL10 U86	730	3300	2339		DEA	0	
409	COLUMBIAN GAS TRAN	2030 STEPP, GEORGE M.MK	PIKE	1750FNL1300FEL8 U86	822	2631	2472	49J	GAS	10	3398BREA
410	MINERAL OEG CO	STEPP, GEORGE	PIKE	2900FSL400FNL9 U86	673	2617	2307		DEA	0	
411	UNITED FUEL GAS CO	8812 GOFF MRS	PIKE	25FSL50FNL9 U86	928	3548	2608		GAS	0	3398BREA
412	HUNTINGTON OKLAHOM	STEPP, JOHN	PIKE	2650FSL1400FEL9 U86		3206	2280		GAS	0	3410H10
413	BRUHN, DR J FRANK	STEPP, DAVE & MISS	PIKE	700FSL125FNL10 U86		3226	2285		GAS	0	3410H10
414	BURCHETT, M E	2 STEPP, MUSE & DAVI	PIKE	2250FSL925FNL10 U86	692	3610	2302		GAS	10	3410H10
415	ROBERTS & HULCOMB	1 COLLEY, T I OUTSON	PIKE	1575FNL1500FNL10 U86	694	3262	2320		GAS	0	3410H10
418	UNITED FUEL GAS CO	8685 FEDERAL GAS OIL	PIKE	2200FNL200FNL6 U87	863	3447	2481		GAS	0	3410H10
419	UNITED FUEL GAS CO	8789 DESKINS, SARAH 4	PIKE	2400FNL1100FEL6 U87	1149	3761	2787		GAS	0	3410H10
420	UNITED FUEL GAS CO	8788 DESKINS, SARAH	PIKE	75FSL2000FEL6 U87	805	3435	2450		GAS	65	3410H10
421	UNITED FUEL GAS CO	8787 DESKINS, SARAH	PIKE	100FSL125FNL7 U87	799	3427	2448		GAS	169	3410H10
422	UNITED FUEL GAS CO	9003 GOFF MRS	PIKE	1100FNL2350FEL15 U86	911	3512	2600		GAS	0	3410H10
423	BURCHETT, M E	LUME, LADY	PIKE	2900FNL1100FEL12 U86	722	3326	2397		GAS	0	3410H10
424	HANDLEY, A K	LUME, HAYES	PIKE	10FSL1500FEL12 U86	654	3264	2320		GAS	0	3410H10
425	HANDLEY, A H	2 LUME, HAYES	PIKE	1200FSL325FNL11 U86	807	3499	2511		GAS	0	3410H10
426	UNITED FUEL GAS CO	8621 LUME, ESTHER	PIKE	1500FNL1025FNL11 U86	934	3540	2596		GAS	0	3410H10
427	UNITED FUEL GAS CO	8612 LUME, ESTHER ETAL	PIKE	1675FSL1700FNL11 U86	742	3395	2412		GAS	365	3410H10
428	UNITED FUEL GAS CO	8622 LUME, ESTHER ETAL	PIKE	2800FNL600FEL11 U86	957	3582	2614		GAS	0	3410H10
429	BURCHETT, M E	4 STEPP, DAVE & MISS	PIKE	700FNL300FNL15 U87	1280	3825	2871		GAS		33981GL
430	UNITED FUEL GAS CO	8809 ALLEY, JOHN I	PIKE	1475FSL475FNL15 U87	901	3225	2553		GAS	0	3410H10
431	UNITED FUEL GAS CO	8799 DESKINS, SARAH	PIKE	2200FNL1300FEL15 U87	806	3425	2469		GAS	0	3410H10
432	UNITED FUEL GAS CO	8808 ALLEY J I ETAL	PIKE	2500FNL1350FNL14 U87	749	3424	2414		GAS	689	3398BREA
433	WARE, E C	1 ALLEY - CAWILL FA	PIKE	2000FSL1000FNL14 U87	735	3698	2422		GAS	0	33381GL
434	COLUMBIAN FUEL COR	1347 FARLEY, VIRGIL N	PIKE	1325FSL1000FEL14 U87	740	3455	2454		GAS	0	3410H10
435	MAYNARD, J H	CUPLEY, IUA B	PIKE	25FSL600FEL14 U87		3149	2450		GAS	0	3410H10
436	BARNETT, MARJIE	HUGER, M C	PIKE	2075FNL100FNL19 U86	940	3511	2587		DEA	10	
441	UNITED FUEL GAS CO	8638 WILLIAMSON, B F	PIKE	600FSL1200FEL19 U86	704	3307	2360		GAS	0	3410H10
442	UNITED FUEL GAS CO	8778 LUME, ESTHER ETAL	PIKE	275FNL2000FNL20 U86	1224	3858	2905		GAS	0	3410H10
443	UNITED FUEL GAS CO	8650 LUME, U H	PIKE	2000FSL1650FNL20 U86	789	3420	2468		GAS	0	3410H10
444	UNITED FUEL GAS CO	8648 LUME, U H	PIKE	2150FSL475FEL20 U86	971	3601	2634		GAS	94	3410H10
445	UNITED FUEL GAS CO	8771 ALLEY, J I	PIKE	1100FNL225FNL16 U87	932	3559	2594		GAS	45	3410H10
446	UNITED FUEL GAS CO	8716 ALLEY, MARTHA V	PIKE	800FNL1200FEL16 U87	901	3529	2555		GAS	0	3410H10
447	ASHLAND OIL & REFI	1 STEPP MRS	PIKE	1500FSL700FEL16 U87	916	3565	2599		GAS	0	3410H10

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
448	ASHLAND OIL & REFL	1	BUBB'S BRANCH UNIT	PIKE	2800FNL1200FEL17	087	803	3505	2512		GAS	41 3410H10
449	WAKE DRILLING CO	3	MCCOY, MAJON	PIKE	600FNL1200FEL17	087	922	3655	2635		GAS	10 3410H10
450	UNITED FUEL GAS CO	6629	MILLARD, W M	PIKE	500FSL 525FNL18	087	736	3488	2495		GAS	10 3410H10
451	UNITED FUEL GAS CO	8738	MAYNARD, HERBERT E	PIKE	1100FNL1000FEL23	086	951	3600	2682		GAS	0 3410H10
452	UNITED FUEL GAS CO	8929	BEVINS, K J	PIKE	2850FSL2300FEL23	086	725	3510	2446		GAS	0 3410H10
453	UNITED FUEL GAS CO	8981	BEVINS, K J ETAL	PIKE	725FSL 50FEL23	086	824	3500	2550		GAS	0 3410H10
454	UNITED CARBON CO		ROMANS, CARRIE ETA	PIKE	1300FNL1575FNL22	086	1056	3722	2742		GAS	40 3410H10
455	UNITED FUEL GAS CO	8739	MAYNARD, HERBERT	PIKE	2975FSL1500FNL22	086	1213	3663	2985		GAS	0 3410H10
456	UNITED FUEL GAS CO	8302	BEVINS, K J	PIKE	875FSL2000FEL22	086	1070	3736	2798		GAS	0 3410H10
457	UNITED FUEL GAS CO	8595	WILLIAMSON, B F	PIKE	2100FNL1300FEL22	086	1092	3753	2774		GAS	10 3410H10
458	UNITED FUEL GAS CO	8595	WILLIAMSON, B F	PIKE	900FNL1000FNL21	086	774	3371	2425		GAS	152 3410H10
459	UNITED FUEL GAS CO	8350	WILLIAMSON, B F	PIKE	2400FSL 800FNL21	086	799	3465	2517		GAS	30 3410H10
460	UNITED FUEL GAS CO	8235	WILLIAMSON, B F	PIKE	5FNL 975FNL 1	N86	752	3428	2482		GAS	10 3410H10
461	UNITED FUEL GAS CO	8002	WILLIAMSON, B F	PIKE	2000FSL1700FEL21	086	988	3653	2702		GAS	0 3410H10
462	UNITED FUEL GAS CO	8631	WILLIAMSON, B F ET	PIKE	1000FNL 700FEL21	086	1120	3737	2790		GAS	0 3410H10
463	COLUMBIAN FUEL CUR	1349	ROGERS, LUM B 2	PIKE	2800FSL1975FEL25	087	845	3491	2538		GAS	73 3410H10
464	LEONARD & RALPH	3	ROGERS BROTHERS	PIKE	2550FSL 25FEL25	087		3393	2403		GAS	0 3410H10
466	ASHLAND OIL & REFI	1	SLATEK BRANCH UNIT	PIKE	575FNL1650FNL24	087	954	3657	2695		GAS	10 3410H10
467	COLUMBIAN FUEL CUR	1366	ROGERS, LUM B	PIKE	2725FSL1175FEL24	087	771	3493	2495		GAS	10 3410H10
468	LEONARD & RALPH	1	ROGERS BROTHERS	PIKE	1075FSL2000FEL24	087	699	3498	2417		GAS	0 3410H10
469	UNITED FUEL GAS CO	8806	BEVINS, M L	PIKE	2250FSL1700FEL 3	N86	688	3350	2427		GAS	0 3410H10
470	UNITED FUEL GAS CO	8582	BEVINS, G C	PIKE	1200FNL1050FEL 3	N86	752	3419	2511		GAS	0 3410H10
471	WAKE, E L	1	BAILEY, H	PIKE	600FSL 700FEL 2	N86	748	3434	2484		GAS	0 3410H10
472	UNITED FUEL GAS CO	8258	BEVINS, G L	PIKE	2000FNL1750FNL 2	N86	1215	3889	2955		GAS	0 3410H10
473	UNITED FUEL GAS CO	8580	STIEPP, I B	PIKE	300FSL1050FNL 2	N86	1049	3749	2792		GAS	0 3410H10
474	UNITED FUEL GAS CO	8335	WILLIAMSON, B F	PIKE	2500FNL 300FEL 2	N86	785	3463	2520		GAS	0 3410H10
475	UNITED FUEL GAS CO	8313	WILLIAMSON, B F	PIKE	1800FSL1000FNL 1	N86	953	3654	2685		GAS	0 3410H10
476	UNITED FUEL GAS CO	8286	WILLIAMSON, B F	PIKE	2800FNL1000FEL 1	N86	1102	3783	2820		GAS	0 3410H10
477	UNITED FUEL GAS CO	8593	WILLIAMSON, B F	PIKE	200FNL1200FEL 1	N86	982	3661	2728		GAS	0 3410H10
478	UNITED FUEL GAS CO	8287	WILLIAMSON, B F	PIKE	550FSL1050FEL 1	N86	979	3674	2715		GAS	0 3410H10
480	UNITED FUEL GAS CO	8288	WILLIAMSON, B F	PIKE	500FSL1650FNL 5	N87	1140	3924	2875		GAS	0 3410H10
481	COLUMBIAN FUEL CUR	1358	ROGERS, LUM B	PIKE	2250FSL 550FEL 5	N87	979	3519	2698		GAS	0 3410H10
482	LEONARD & RALPH	2	ROGERS FARM	PIKE	900FNL1200FEL 4	N87	711	3380	2456		GAS	0 3410H10
483	COLUMBIAN FUEL CUR	1365	ROGERS BROTHERS CO	PIKE	700FSL2100FEL 4	N87	771	3454	2500		DEA	0
484	WILLIAMSON BROTHER		WILLIAMSON, W J	PIKE	1300FNL1750FEL 3	N87	760	2619	2579		DEA	10
486	WILLIAMSON, W J	2	WILLIAMSON, W J	PIKE	850FNL 450FEL 3	N87	685	2584	2547		DEA	0
488	COLUMBIAN FUEL CUR	1345	RUSSELL, JOHN JR	PIKE	1900FSL 100FEL 3	N87	838	3576	2674		OIL	146 3410H10
489	KY WEST VA GAS CO	881	WEDDINGUM, BALLAR	PIKE	2400FNL2500FNL 2	N87	1033	3540	2748		GAS	0 3410H10
490	KINZEN, J W		HUPKINS, ESTHER	PIKE	2250FNL 250FEL 2	N87	770	4020	2578		GAS	10 3410H10
492	WAKE, E C		BAILEY, HIRAN	PIKE	1500FNL 650FEL 8	N86	780	2925	2540		GAS	10 3410H10
493	WAKE, E C		BAILEY, H J	PIKE	2300FSL 750FEL 8	N86	970	3664	2740		GAS	10 3410H10
494	SMITH, MONROE			PIKE	150FSL 600FNL 9	N86	930	3714	2747		GAS	189 3410H10
495	KY WEST VA GAS CO	1463	SCOTT, THADEUS	PIKE	1700FSL2250FEL 9	N86	722	3423	2489		GAS	0 3410H10

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496	UNITED FUEL GAS CO	8875	MAYNARD, MILLARD	PIKE	2950FNL 650FEL 9 N86	977	3686	2731		GAS	0	3410HIU
497	KY WEST VA GAS CO	1494	SCOTT, THADEUS	PIKE	900FSL 100FEL10 N86	822	2776	2589		GAS	60	339BREA
498	KY WEST VA GAS CO		STEWART, D M	PIKE	2700FSL1500FNL10 N86	1416	4251	3217		GAS	0	3410HIU
499	KY WEST VA GAS CO	1916	SCOTT, THADEUS ETA	PIKE	100FSL2200FEL10 N86	1053	3838	2839		GAS	0	3410HIU
503	COLUMBIAN FUEL COR	1297	ROGERS BROTHERS CO	PIKE	700FSL 300FEL 7 N87	1006	2935	2770		GAS	629	3410HIU
504	COLUMBIAN FUEL COR	1391	ROGERS BROTHERS CO	PIKE	2650FNL1000FEL 8 N87	774	2702	2615		GAS	0	339BREA
504	COLUMBIAN FUEL COR	1391	ROGERS BROTHERS CO	PIKE	2650FNL1000FEL 8 N87	774	2647	2615		GAS	142	339BREA
505	SMITH DRILLING CO		BURGESS VARNEY FAR	PIKE	1750FSL1100FEL 8 N87	775	2679	2625		UCA	152	
505	SMITH DRILLING CO		BURGESS VARNEY FAR	PIKE	1750FSL1100FEL 8 N87	775	3661	2625		GAS	152	3410HIU
506	J M KINZEN CITIES		SAMONS, PRICY	PIKE	850FNL 100FNL 9 N87	1041	3927	2883		GAS	0	3410HIU
508	CITIES SERVICE	1422	VARNEY, NANCY JANE	PIKE	1950FNL1950FNL 9 N87	930	3850	2785		GAS	10	3410HIU
509	KINZER, J M		VARNEY, ALEX	PIKE	1850FSL 750FEL 9 N87	989	3871	2847		GAS	0	339BREA
510	CITIES SERVICE		VARNEY, ALEX MRS	PIKE	1500FSL2100FEL 9 N87	832	3756	2706		GAS	0	3410HIU
511	COLUMBIAN FUEL COR	853	VARNEY, ALEX	PIKE	2400FNL1500FEL 9 N87		2570	2537		UCA	0	
512	COLUMBIAN FUEL COR	849M	AY, ASA	PIKE	1000FSL 500FNL10 N87		4316	2882		UCA	15	
513	PET TECHNOLOGY		PUGHANTAS LAND CO	PIKE	1800FNL 400FNL11 N86	845	3617	2633		GAS	0	339BREA
514	COLUMBIAN FUEL COR	1304	ROGERS BROTHERS CO	PIKE	1500FNL 650FNL13 N87	887	3090	2644		UCA	0	
517	KINZER, J M		TIERNEY LAND CO	PIKE	3050FNL 700FEL12 N87	720	4080	2645		GAS	0	3410HIU
518	J M KINZEN CITIES		RUNYON, FANNIE J	PIKE	1300FNL 150FEL12 N87	940	3872	2789		GAS	15	3410HIU
519	MAYNARD, J M ETAL		COMLEY, IDA B	PIKE	100FNL 650FNL18 N87		3372	2428		GAS	0	3410HIU
520	UNITED FUEL GAS CO	8950	FAIRFAX LUAL CO	PIKE	1800FNL1700FEL 9 N88	814	4033	2865		GAS	0	3410HIU
523	COLUMBIAN FUEL COR		HAIFIELD, V T	PIKE	700FSL1500FNL10 N88	845	4063	2930		GAS	10	3410HIU
525	UNITED FUEL GAS CO	8421	BRIAR MIN COAL & C	PIKE	950FSL1475FNL15 M91	985	5116	3275		GAS	0	3410HIU
527	UNITED FUEL GAS CO	8423	BRIAR MIN COAL & C	PIKE	1700FNL1500FNL16 M91	1488	5651	3795		GAS	0	3410HIU
529	CITIES SRV OIL CO	1465	MOUNTS, REBECCA	PIKE	2550FSL 400FEL 8 M89	873	4283	3054		GAS	0	3410HIU
537	UNITED FUEL GAS CO	8864	MAJESTIC & MURRICA	PIKE	1450FSL 800FEL12 M89	958	4659	3180		GAS	0	3410HIU
538	UNITED FUEL GAS CO	8403	MAJESTIC & MURRICA	PIKE	2300FNL1250FNL11 M89	1314	5237	3517		GAS	0	3410HIU
544	COLUMBIAN FUEL COR	8924	POPLAR CREEK DEV C	PIKE	950FNL 150FNL19 M89	1587	5204	3815		GAS	5	3410HIU
545	UNITED FUEL GAS CO	8920	MAJESTIC & MURRICA	PIKE	2900FNL1000FEL20 M89	1289	4853	3640		GAS	0	3410HIU
546	UNITED FUEL GAS CO	8420	MAJESTIC & MURRICA	PIKE	300FNL 0FEL20 M89	1051	5031	3310		GAS	0	3410HIU
547	UNITED FUEL GAS CO	8821	HAMILL, C A	PIKE	2600FNL1550FNL16 M90	1350	4962	3732		GAS	0	3410HIU
548	UNITED FUEL GAS CO	8822	HAMILL, C A	PIKE	1600FSL1400FEL16 M90	1361	4950	3660		GAS	0	3410HIU
550	UNITED FUEL GAS CO	8874	HARDIN, L F	PIKE	1650FNL 200FEL19 M90	971	4696	3280		GAS	0	3410HIU
551	UNITED FUEL GAS CO	8834	EVANS, HUBART	PIKE	1500FNL2050FEL20 M90	822	4541	3130		UCA	0	
553	COLUMBIAN FUEL COR	1432	DUNSON, KANSAS	PIKE	1100FSL 300FEL21 M89	1254	4858	3578		GAS	5	3410HIU
554	UNITED FUEL GAS CO	8823	MULFORD, GREEN	PIKE	1400FNL1750FEL25 M90	1141	4490	3455		GAS	0	3410HIU
559	COLUMBIAN FUEL COR	9063	DUNSON, KANSAS ETA	PIKE	2250FSL1600FEL25 M90	885	4484	3230		GAS	0	3410HIU
559	POPLAR CREEK OIL C		MOUNTS, JACKSON	PIKE	200FNL 750FEL12 M89	747	2967	2951		UCA	0	
560	KINZEN, J M CITEU	1699	FURU MOTOR CO	PIKE	25FNL 700FNL16 N88	930	4369	2914		GAS	20	339BREA
561	COLUMBIAN FUEL COR	1203	FURU MOTOR CORP	PIKE	2000FNL 700FNL17 N88	813	3975	2882		UCA	0	
562	COLUMBIAN FUEL COR	1375	SCUTT, PHILK	PIKE	500FSL2025FNL18 N88	935	4075	3027		UCA	0	
566	COLUMBIAN FUEL COR	1394	BUSKIRK, B W	PIKE	800FNL2100FEL20 N88	902	4154	3006		GAS	10	3410HIU
568	COLUMBIAN FUEL COR	1437	FURU MOTOR CO 48	PIKE	2500FSL1250FNL25 N88	985	4132	3060		GAS	0	3410HIU

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569	COLUMBIAN FUEL CUR	875	FORD MOTOR CORP	PIKE	1000FSL2125FNL24 M88	1020	5743	3134		GAS	0	3398REA
570	COLUMBIAN FUEL CUR	1376	FORD MOTOR CU 37	PIKE	2400FSL1700FNL23 M88	1173	4372	3277		GAS	10	3410H1U
576	COLUMBIAN FUEL CUR	1384	FARLEY, TUBE	PIKE	500FNL2100FNL21 M88	1154	4436	3272		GAS	0	3410H1U
581	UNITED FUEL GAS CO	8246	HATFIELD, MATTHEW	PIKE	900FSL1650FEL25 M89	1254	4588	3410		GAS	5	3410H1U
582	UNITED FUEL GAS CO	8411	HATFIELD, MATTHEW	PIKE	1700FSL 350FEL24 M89	981	4090	3160		GAS	0	3410H1U
592	COLUMBIAN FUEL CUR		FORD MOTOR CO	PIKE	900FNL1200FNL 1 M88	765	3081	2900		DEA	0	
595	UNITED FUEL GAS CO	8344	DAVIS, J M & L MRS	PIKE	1250FSL1300FNL 5 M89	1062	4428	3245		GAS	84	3410H1U
605	LITLES SKV OIL	1700	FORD MOTOR CO 54	PIKE	2200FSL 700FEL 6 M88	1322	3604	3514		DEA	0	
607	COLUMBIAN FUEL CUR	1211	FORD MOTOR CO	PIKE	200FNL2100FNL 8 M88	1222	4457	3369		DEA	0	
612	COLUMBIAN FUEL CUR	1244	FORD MOTOR CU	PIKE	350FSL 300FNL 9 M88	962	3249	3150		GAS	0	3398REA
614	COLUMBIAN FUEL CUR	1232	FORD MOTOR CU	PIKE	700FNL1500FEL 9 M88	864	4020	3035		GAS	15	3398REA
616	COLUMBIAN FUEL CUR	1360	FORD MOTOR CO	PIKE	1300FNL1500FEL10 M88	1210	4969	3395		GAS	0	3338IGL
621	UNITED FUEL GAS CO	8563	KENTLAND COAL & CO	PIKE	1500FNL 600FNL 6 M89	1028	4526	3251		DEA	0	
623	COLUMBIAN FUEL CUR	1415	EMPEROR COAL CO	PIKE	650FSL 500FNL 6 M89	1137	4561	3319		GAS	0	3410H1U
624	COLUMBIAN FUEL CUR	1395	EMPEROR COAL CU	PIKE	1500FNL2250FEL 7 M89	878	4310	3053		GAS	10	3410H1U
625	COLUMBIAN FUEL CUR	1445F	ORD MOTOR CU 49	PIKE	1150FSL 850FNL15 M88	1191	3457	3344		GAS	15	3398REA
629	COLUMBIAN FUEL CUR	876	FORD MOTOR CU	PIKE	1700FSL1750FEL14 M88		4373	2720		GAS	0	3410H1U
635	COLUMBIAN FUEL CUR	1121	FORD MOTOR CO	PIKE	2450FNL1600FEL12 M88	1075	4454	3265		GAS	0	3398REA
636	LITLES SKV OIL	1460	FORD MOTOR CU	PIKE	500FSL1350FNL12 M88	981	3328	3208	<0.1	GAS		3398REA
638	COLUMBIAN FUEL CUR	1425	FORD MOTOR CO	PIKE	100FSL1050FNL11 M88	1277	4635	3530		GAS	0	3410H1U
639	UNITED FUEL GAS CO	8575	CHARLES, J F	PIKE	1350FSL 800FEL11 M88	926	3250	3138		GAS	10	3398REA
644	COLUMBIAN FUEL CUR	8869	EMPEROR COAL CO	PIKE	950FSL2050FEL14 M89	863	4347	3055		GAS	46	3410H1U
646	COLUMBIAN FUEL CUR	1318	FORD MOTOR CU	PIKE	1500FNL2100FNL17 M88	1041	3537	3417		GAS	0	3398REA
647	LITLES SKV OIL	1706	FORD MOTOR CU	PIKE	450FSL1050FEL17 M88	1255	3640	3492		GAS		3338IGL
648	UNITED FUEL GAS CO	8791	KENTLAND COAL & CO	PIKE	750FSL2300FEL20 M88	1784	5209	4079		GAS	15	3410H1U
649	UNITED FUEL GAS CO	8763	KENTLAND COAL & CO	PIKE	2700FNL2300FEL20 M88	1124	4541	3403		GAS	15	3410H1U
650	UNITED FUEL GAS CO	8573	KENTLAND COAL & CO	PIKE	1000FNL 150FEL20 M88	851	4242	3092		GAS	0	3410H1U
651	UNITED FUEL GAS CO	8765	KENTLAND COAL & CO	PIKE	1500FSL1100FNL16 M89	1035	4432	3285		GAS	10	3410H1U
651	UNITED FUEL GAS CO	8765	KENTLAND COAL & CO	PIKE	1600FSL1000FNL16 M89	1035	4432	3285		GAS	10	3410H1U
654	UNITED FUEL GAS CO	8889	CHARLES, M M	PIKE	1650FSL2100FEL17 M89	1583	5017	3839		GAS	21	3410H1U
657	UNITED FUEL GAS CO	8505	MAJESTIC COLLIERIE	PIKE	1250FNL2150FNL18 M89	1282	3643	3536		GAS	10	3398REA
658	UNITED FUEL GAS CO	8911	MAJESTIC COLL CO	PIKE	1250FNL2250FNL18 M89	1622	5082	3874		DEA	21	
659	UNITED FUEL GAS CO	9319	FLETCHER, VICTORIA	PIKE	750FSL1000FNL25 M88	1998	4413	4253		GAS		3398REA
660	COLUMBIAN FUEL CUR		MURLEY, E M	PIKE	200FNL2050FEL25 M88	1747	5011	3935		GAS	10	3410H1U
661	LITLES SKV OIL	1543	FORD MOTOR CU	PIKE	2500FSL1100FEL25 M88	1595	4074	3933	<0.1	GAS	10	3398REA
662	UNITED FUEL GAS CO	9316	KENTLAND COAL & CO	PIKE	850FSL2000FNL24 M88	2132	4538	4392		GAS	0	3398REA
663	COLUMBIAN FUEL CUR	1435	FORD MOTOR CU	PIKE	2700FNL 250FNL23 M88	1462	4812	3705		GAS	0	3410H1U
664	UNITED FUEL GAS CO	902K	KENTLAND COAL & CO	PIKE	1400FSL 700FNL23 M88	1540	4983	3806		GAS	0	3410H1U
665	UNITED FUEL GAS CO	9027	KENTLAND COAL & CO	PIKE	1750FSL1850FEL23 M88	1692	4089	3961		GAS	10	3398REA
666	COLUMBIAN FUEL CUR	1446	FORD MOTOR CU	PIKE	2200FNL 500FEL23 M88	1581	3943	3829		GAS	0	3398REA
667	UNITED FUEL GAS CO	9026	WATSON, ANDY	PIKE	1600FSL 500FEL22 M88	1871	5258	4150		GAS	15	3398REA
668	COLUMBIAN FUEL CUR	1427	FORD MOTOR CU	PIKE	600FNL 950FEL22 M88	1392	4773	3655		GAS	21	3410H1U
669	UNITED FUEL GAS CO	8833	KENTLAND COAL & CO	PIKE	2900FSL1200FEL22 M88	1418	4906	3686		GAS	10	3410H1U

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670	UNITED FUEL GAS CO	8832	DUTSON, ELIAS	PIKE	100FSL1600FEL22 M88	1201	4750	3501	GAS	0	33	33YBREA
671	UNITED FUEL GAS CO	8544	KENTLAND COAL & CO	PIKE	2050FNL2050F M21 M88	1165	4556	3435	GAS	0	34	10H10
672	UNITED FUEL GAS CO	8399	KENTLAND COAL & CO	PIKE	1000FSL2150F M21 M88	945	4782	3220	GAS	42	34	10H10
673	UNITED FUEL GAS CO	8887	KENTLAND COAL & CO	PIKE	2950FNL2350F M23 M89	927	4500	3196	GAS	0	34	10H10
674	UNITED FUEL GAS CO	8892	KENTLAND COAL & CO	PIKE	700FSL1000FEL25 M89	1062	4507	3312	GAS	15	33	33YBREA
675	COLUMBIAN FUEL COR	1434	DAUGHERTY, LEONARD	PIKE	2600FNL 850F M24 M89	675	3211	3123	GAS	0	33	33YBREA
676	UNITED FUEL GAS CO	8918	MAJESTIC COAL & HU	PIKE	1750FNL1200FEL24 M89	1357	4787	3605	GAS	184	34	10H10
677	UNITED FUEL GAS CO	8971	ESTEP, J B	PIKE	1000FSL2100FEL24 M89	1090	3455	2743	GAS	445	33	33YBREA
679	COLUMBIAN FUEL COR	1355	SMITH, F M	PIKE	2100FSL 25F M12 M86	876	3602	2655	GAS	0	34	10H10
680	KY WEST VA GAS CO	6341	MURKIS, JOHN B	PIKE	1200FNL1500F M19 N86	945	3696	2765	GAS	24	34	10H10
681	COLUMBIAN FUEL COR	1268	SMITH, MILL M	PIKE	300FSL 300FEL12 N86	753	3504	2552	GAS	0	34	10H10
689	COLUMBIAN FUEL COR	844	TIERNEY LAND CO	PIKE	2700FSL2400FEL13 N87	935	2861	2750	UGA	15		
690	COLUMBIAN FUEL COR	1308	U M SMITH INV CO	PIKE	1750FNL2250FEL18 N87	1215	3080	2925	UGA	0		
691	CITIES SRV OIL		TIERNEY LAND CO	PIKE	2675FSL 100F M12 N87	933	4025	2649	GAS			3410H10
692	COLUMBIAN FUEL COR		TIERNEY LAND CO	PIKE	400FSL 900F M12 N87	888	3900	2723	GAS	0	34	10H10
694	COLUMBIAN FUEL COR	755	TIERNEY LAND CO	PIKE	1200FNL2300F M19 N87	755	2779	2640	GAS	193	34	10H10
697	KY WEST VA GAS CO	6418	MURKIS, JOHN B	PIKE	2800FSL1700FEL19 N86	884	3631	2708	GAS	0	34	10H10
698	KY WEST VA GAS CO	6443	MURKIS, JOHN B	PIKE	25FNL2300FEL22 N86	1128	3885	2990	GAS	0	34	10H10
699	COLUMBIAN FUEL COR	1370	TIERNEY LAND CO	PIKE	1800FSL 500F M20 N86	843	3627	2675	GAS	10	34	10H10
701	COLUMBIAN FUEL COR	589	TIERNEY LAND CO	PIKE	1100FSL 600FEL16 N87	865	3649	2672	GAS	0	34	10H10
702	COLUMBIAN FUEL COR	590	TIERNEY LAND CO	PIKE	2000FSL 100F M17 N87	892	3645	2665	GAS	0	34	10H10
707	COLUMBIAN FUEL COR	847	TIERNEY LAND CO	PIKE	2850FNL 400FEL18 N87	869	4107	2687	GAS	0	34	10H10
709	COLUMBIAN FUEL COR	1385	TIERNEY LAND CO	PIKE	2700FSL2200FEL19 N87	864	3780	2737	GAS	0	34	10H10
710	COLUMBIAN FUEL COR	1389	TIERNEY LAND CO	PIKE	750FSL2200FEL19 N87	881	3634	2792	UGA	0		
718	COLUMBIAN FUEL COR	864	TIERNEY LAND CO	PIKE	2100FNL1450F M23 N87	1145	4058	2975	GAS	0	34	10H10
719	COLUMBIAN FUEL COR	855	TIERNEY LAND CO	PIKE	1000FNL1800FEL23 N87	870	2807	2696	GAS	0	33	33YBREA
720	COLUMBIAN FUEL COR	880	TIERNEY LAND CO	PIKE	2700FSL1800FEL23 N87		3043	2960	GAS	174	33	33YBREA
722	COLUMBIAN FUEL COR	1388	TIERNEY LAND CO	PIKE	2500FNL 800F M22 N87	885	3858	2825	GAS	0	34	10H10
724	PINEY DEG CO	570	VANNEY, SARAH	PIKE	1400FSL 0F M21 N86	939	3538	2795	UGA	0		
728	COLUMBIAN FUEL COR	895	TIERNEY LAND CO	PIKE	550FSL 100F M23 N87	1340	3231	3150	GAS	0	33	33YBREA
730	HAMILTON GAS CORP		SMITH, JEFF	PIKE	200FSL1400F M23 N87	1257	3163	3097	UGA	0		
732	COLUMBIAN FUEL COR	1219	TIERNEY LAND CO	PIKE	1200FSL 800FEL23 N87	1412	3339	3245	UGA	0		
733	COLUMBIAN FUEL COR	896	TIERNEY LAND CO	PIKE	600FNL2000FEL 3 M87	1391	4341	3228	GAS	18	34	10H10
735	COLUMBIAN FUEL COR	823	SMITH, JOHN	PIKE	800FNL1700FEL 5 M87	933	3807	2720	GAS	0	34	10H10
736	COLUMBIAN FUEL COR	822	BLAKBURN, PARIS	PIKE	2600FNL 800F M4 M87	1240	3103	2945	GAS	10	33	33YBREA
737	PINEY DEG CO	544	TIERNEY LAND CO	PIKE	1300FNL2000FEL 4 M87		4181	2883	GAS	0	34	10H10
739	COLUMBIAN FUEL COR	891	SMITH HRS	PIKE	2975FSL1100F M3 M87	1583	3620	3445	GAS	10	34	10H10
741	COLUMBIAN FUEL COR	1447	TIERNEY LAND CO	PIKE	2400FNL2000F M2 M87	848	3874	2839	GAS	45	34	10H10
744	CITIES SRV OIL CO	566	MACKEN, PULLY	PIKE	2100FSL 25F M4 M87	989	2912	2810	GAS	42	33	33YBREA
746	COLUMBIAN FUEL COR	807	SMITH, JOE B	PIKE	1150FSL 800F M4 M87	1009	2927	2840	GAS	22	33	33YBREA
747	COLUMBIAN FUEL COR	808	SMITH, JOE B	PIKE	1700FSL2000FEL 4 M87	1252	3143	3020	GAS	94	33	33YBREA
751	COLUMBIAN FUEL COR	892	SMITH HRS	PIKE	1500FSL2100FEL 3 M87		2991	2862	GAS	215	33	33YBREA
752	COLUMBIAN FUEL COR	1392	SMITH HRS	PIKE	900FNL2200FEL 8 M87	978	3935	2892	GAS	10	34	10H10

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
753	KY WEST VA GAS CO		WILLIAMS, ROBERT	PIKE	1800FSL2300FEL 8 M86	1170	3997	3008		GAS		3410H10
754	CITIES SKV OIL CO		TIERNY LAND CO	PIKE	2700FNL 900FNL 9 M86	1104	3100	2987		UGA	10	
755	COLUMBIAN FUEL COR	832	SMITH, JAKE ETAL	PIKE	2400FSL1750FNL10 M86	1068	3343	2930		UGA	0	
756	PINEY OIL CO	560	SMITH HRS	PIKE	2000FSL1500FEL10 M86	1127	3850	3024		UGA	0	
763	COLUMBIAN FUEL COR	867	SMITH HRS	PIKE	2000FSL1400FNL 7 M87	1303	3305	3130		GAS	60	339BREA
765	COLUMBIAN FUEL COR	1215	SMITH, HRS	PIKE	2750FNL1550FEL 7 M87	1884	3790	3701		UGA	0	
766	CITIES SRV OIL CO	1238	SMITH HRS	PIKE	2000FSL 900FNL 8 M87	1214	3285	3150	Coil	GAS	56	339BREA
767	COLUMBIAN FUEL COR	1205	FORD MOTOR CO	PIKE	2700FSL2000FNL 9 M87	1015	4078	3054		UGA	0	
768	COLUMBIAN FUEL COR	1386	FORD MOTOR CO	PIKE	2500FSL1300FEL10 M87	914	4090	3016		GAS	0	3410H10
770	LINSEY, W W ETAL		DESKINS, JACKSON	PIKE	500FSL 25FEL 8 M86	1530	4261	3329		UGA	0	
771	COLUMBIAN FUEL COR	1348	GANNON, JAMES L EY	PIKE	1200FNL 25FEL13 M86	971	3774	2860		GAS	60	3410H10
773	COLUMBIAN FUEL COR		L E TIERNY LAND C	PIKE	1000FSL1300FEL 9 M86	1431	4237	3335		GAS	0	3410H10
774	UNITED FUEL GAS CO	6968	WILLIAMSON, JONAH	PIKE	1500FNL1100FEL12 M86	1460	3445	3313		OIL	0	339BREA
776	COLUMBIAN FUEL COR	1233	SMITH HRS	PIKE	400FNL 250FEL11 M86	1591	3558	3462		UGA	0	
779	COLUMBIAN FUEL COR	1247	SMITH HRS	PIKE	700FSL1200FEL 7 M87	1409	3408	3300		GAS	30	339BREA
783	UNITED FUEL GAS CO	6723	UNITED FUEL GAS CO	PIKE	2500FSL1600FEL12 M86	923	3287	2177		GAS	0	3410H10
784	COLUMBIAN FUEL COR	1339	PHILLIPS, RUTH VAN	PIKE	1800FSL1200FEL12 M86	957	4088	2820		GAS	0	3410H10
786	UNITED FUEL GAS CO	5198	PHILLIPS, ANN E ET	PIKE	1150FSL1000FNL11 M86	1275	3188	3110		GAS	1808	339BREA
787	COLUMBIAN FUEL COR	881	SMITH HRS	PIKE	2350FSL2000FEL11 M86	1107	3103	2992		GAS	0	338WEIR
789	COLUMBIAN FUEL COR	874	SMITH HRS	PIKE	2700FSL1500FEL15 M87	1063	3208	2895		GAS		339BREA
790	COLUMBIAN FUEL COR	1218	SMITH HRS	PIKE	1400FSL 800FNL14 M87	1127	3121	3033		UGA	0	
791	UNITED CARBON CO		DESKINS, JACK	PIKE	1050FNL1050FNL19 M86	909	3740	2800		UGA	0	
793	WARFIELD NAT GAS C	5199	PHILLIPS, ANN E	PIKE	1400FNL2100FNL20 M86	910	3777	2820		GAS	10	3410H10
794	COLUMBIAN FUEL COR		SMITH HRS	PIKE	800FSL1100FEL11 M86	976	2966	2848		GAS	920	328SALT
796	COLUMBIAN FUEL COR	1258	KATLIFF, VILY PHIL	PIKE	750FNL1100FNL16 M87	1475	4347	3351		GAS	0	3410H10
798	UNITED FUEL GAS CO	5367	PHILLIPS, ANNA D	PIKE	1300FNL2200FNL16 M87	1281	2107	3181		GAS	0	3410H10
799	COLUMBIAN FUEL COR	1222	SMITH HRS	PIKE	400FNL 50FEL16 M87	1252	3266	3157		UGA	15	
801	COLUMBIAN FUEL COR	1367	HUME, G C ETAL	PIKE	600FNL1500FNL19 M87	1127	4257	3210		GAS	0	3410H10
802	COLUMBIAN FUEL COR	1369	FORD MOTOR CO	PIKE	400FSL 300FEL12 M87	1125	4281	3222		UGA	0	
803	KY WEST VA GAS CO	6053	COLLINS, ANDY	PIKE	1800FSL1700FEL18 M86	874	3697	2775		GAS	10	3410H10
805	COLUMBIAN FUEL COR	12780	HAPMAN, SUDA	PIKE	2400FNL2200FEL19 M86	1046	3924	2946		UGA	0	
807	WARFIELD NAT GAS C	5290	KATLIFF, K W	PIKE	2800FSL 250FEL19 M86		4030	3080		GAS	0	3410H10
808	COLUMBIAN FUEL COR	1226	KY WEST VA 14	PIKE	450FSL 300FEL19 M86	1442	3477	3380		GAS	18	339BREA
811	COLUMBIAN FUEL COR	1223	MAYNARD, GRUNDY	PIKE	1300FSL1300FEL20 M86	1152	3126	3045		GAS	0	339BREA
812	UNITED FUEL GAS CO	5813	PHILLIPS, ANN E	PIKE	2600FNL 700FEL20 M86	1287	4157	3163		GAS	0	3410H10
813	COLUMBIAN FUEL COR	1242	KATLIFF, VILY PHIL	PIKE	2200FSL1600FNL16 M87	1148	4056	3072		GAS		3410H10
815	COLUMBIAN FUEL COR	1276	SMITH HRS	PIKE	2850FNL1600FEL17 M87	1408	3605	3430		UGA	10	
816	COLUMBIAN FUEL COR	1206	FORD MOTOR CO	PIKE	2500FNL 700FNL18 M87	1326	4362	3325		UGA	10	
818	COLUMBIAN FUEL COR	1363	FORD MOTOR CO	PIKE	2550FSL 900FNL19 M87	1260	4416	3378		GAS	21	3410H10
819	COLUMBIAN FUEL COR	1361	FORD MOTOR CO	PIKE	2250FSL 900FEL19 M87	1407	4599	3534		GAS	33	3410H10
820	COLUMBIAN FUEL COR	1381	FORD MOTOR CO	PIKE	1300FSL 600FNL20 M87	1308	4533	3490		GAS	21	3410H10
821	COLUMBIAN FUEL COR	1221	KY WEST VA CU WILL	PIKE	400FNL 900FNL22 M86	832	2835	2726		GAS	94	339BREA
823	CITIES SKV OIL CO	898	KY WVA GAS CO FERR	PIKE	2600FNL 25FEL22 M86	1141	3128	3022		GAS		339BREA

WELL NO	OPERATOR	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
826	COLUMBIAN FUEL CO	1227 KY WEST VA 15	PIKE	500FNL2200FEL21 M86	1587	3567	3466		GAS	15	3398KREA
828	UNITED FUEL GAS CO	5378 PHILLIPS, JOHN F	PIKE	25FSL 500FEL20 M86	1510	3380	3223	<01	GAS	0	3398KREA
829	UNITED FUEL GAS CO	6746 PHILLIPS, JOHN F	PIKE	2300FNL 450FEL25 M87	1466	4427	3405		GAS	119	3410H10
830	UNITED FUEL GAS CO	5386 KENTLAND COAL & CO	PIKE	500FNL2000FEL25 M87	1410	4345	3300		GAS	0	3410H10
832	UNITED FUEL GAS CO	6754 KENTLAND COAL & CO	PIKE	2300FNL2300FEL25 M87	1448	4416	3400		GAS	10	3410H10
833	UNITED FUEL GAS CO	5377 PHILLIPS, ANN H	PIKE	630FSL 250FEL17 M87		4564	3536		GAS	119	3410H10
834	UNITED FUEL GAS CO	5381 KENTLAND COAL & CO	PIKE	900FNL2300FEL24 M87	1550	4537	3520		GAS	0	3410H10
835	UNITED FUEL GAS CO	6717 KENTLAND COAL & CO	PIKE	2200FNL1000FEL24 M87	1607	4716	3692		GAS	10	3410H10
836	UNITED FUEL GAS CO	8029 KENTLAND COAL & CO	PIKE	700FNL1000FEL23 M87	1819	4970	3920		GAS	10	3410H10
837	UNITED FUEL GAS CO	6870 KENTLAND COAL & CO	PIKE	1300FNL1300FEL23 M87	1558	4685	3647		GAS	0	3410H10
838	UNITED FUEL GAS CO	8168 KENTLAND COAL & CO	PIKE	2200FNL 400FEL22 M87	1896	5027	4037		GAS	15	3410H10
839	UNITED FUEL GAS CO	8485 KENTLAND COAL & CO	PIKE	1700FNL 400FEL22 M87	1698	4883	3830		GAS	0	3410H10
840	UNITED FUEL GAS CO	9320 PHILLIPS, LEONARD	PIKE	2100FNL1300FEL21 M87	1704	4056	3904		GAS		3398KREA
841	CITIES SRV OIL CO	HOMLEY, E M	PIKE	550FNL 50FEL21 M87	1570	3920	3763		GAS	10	3398KREA
843	COLUMBIAN FUEL CO	1201 DESKINS, LEWIS	PIKE	2600FSL 650FEL22 M86	1085	3115	2997		GAS	15	3398KREA
844	KY WEST VA GAS CO	5552 PHILLIPS, THOMPSON	PIKE	400FSL1800FEL22 M86	890	3900	2806		GAS	0	3410H10
846	UNITED FUEL GAS CO	6295 KENTLAND COAL & CO	PIKE	2600FSL 800FEL21 M86	1499	4226	3380		GAS	0	3410H10
847	MARFIELD NAT GAS C	5385 KENTLAND COAL & CO	PIKE	2400FSL2000FEL21 M86		3977	2966		GAS	0	3410H10
848	UNITED FUEL GAS CO	5380 PHILLIPS, JOHN F	PIKE	900FSL2200FEL25 M87	1180	4099	3168		GAS	0	3410H10
849	UNITED FUEL GAS CO	5379 PHILLIPS, JOHN F	PIKE	2800FNL 200FEL25 M87	1550	4518	3504		GAS	0	3410H10
851	UNITED FUEL GAS CO	5381 KENTLAND COAL & CO	PIKE	250FSL2200FEL24 M87	1070	5092	3130		GAS	0	3410H10
852	UNITED FUEL GAS CO	6675 KENTLAND COAL & CO	PIKE	500FSL 500FEL24 M87	1163	4266	3240		GAS	60	3410H10
853	UNITED FUEL GAS CO	6890 KENTLAND COAL & CO	PIKE	2500FSL1350FEL23 M87	1617	4733	3700		GAS	5	3410H10
854	UNITED FUEL GAS CO	8081 KENTLAND COAL & CO	PIKE	1400FSL 200FEL22 M87	1445	4523	3470		GAS	0	3410H10
855	UNITED FUEL GAS CO	8232 KENTLAND COAL & CO	PIKE	2300FSL2200FEL22 M87	1451	4643	3583		GAS	0	3410H10
856	UNITED FUEL GAS CO	8607 HALL, WILLIE	PIKE	1100FSL 100FEL21 M87	1807	5053	3975		GAS	21	3410H10
857	PINEY OIL CO	567 SMITH, WILL M	PIKE	1800FNL1700FEL20 M86	780	3294	2588		GAS	10	3410H10
860	KY WEST VA GAS CO	5413 LESLIE, S B	PIKE	1250FSL2200FEL15 M85	841	3270	2440		GAS	10	3410H10
861	KY WEST VA GAS CO	5323 LESLIE, S B	PIKE	2150FSL 100FEL15 M85	912	3372	2553		GAS	0	3410H10
862	KY WEST VA GAS CO	904 WELLS, E U ETAL	PIKE	2600FSL1850FEL14 M85	953	3475	2628		UGA	0	
863	UNITED FUEL GAS CO	6484 BLACKBURN, T M	PIKE	2600FSL1000FEL14 M85	948	3495	2638		GAS	0	3410H10
864	KY WEST VA GAS CO	5599 LESLIE, S B	PIKE	1500FSL1450FEL12 M85	1087	3569	2751		GAS	0	3410H10
865	KY WEST VA GAS CO	5853 KESEE, BUNKER	PIKE	1600FSL 300FEL13 M85	817	3385	2525		GAS	10	3410H10
867	UNITED FUEL GAS CO	6490 YOUNG, WILDA	PIKE	3000FNL2100FEL13 M85	1214	3798	2950		GAS	30	3410H10
868	KY WEST VA GAS CO	929 YOUNG, ALFRED SR	PIKE	1500FSL1100FEL13 M85	872	3495	2610		GAS	10	3410H10
869	KY WEST VA GAS CO	882 MAYNARD, GEORGE	PIKE	1000FSL1500FEL12 M85	1006	3683	2780		UGA	0	
870	KY WEST VA GAS CO	6139 FRANCIS, JOHN ETAL	PIKE	3000FSL 350FEL11 M85	1077	3725	2855		GAS	0	3410H10
871	KY WEST VA GAS CO	898 RICE, FRANCIS L ET	PIKE	1000FSL 400FEL11 M85	1133	3800	2915		GAS	10	3410H10
872	KY WEST VA GAS CO	5997 MAYNARD, JOHN	PIKE	2300FSL 550FEL11 M85	964	3675	2792		GAS	0	3410H10
873	KY WEST VA GAS CO	6009 HAY, THOMAS	PIKE	2700FSL1900FEL15 M86	1179	3821	2960		GAS	0	3410H10
874	UNITED FUEL GAS CO	6490 HARKIS, WILDA B	PIKE	350FSL 750FEL14 M86	1213	3926	3018		GAS	26	3410H10
875	KY WEST VA GAS CO	1055 BARKIS, LAFC	PIKE	2650FSL1000FEL13 M86	1009	3732	2800		GAS	0	3410H10
876	KY WEST VA GAS CO	752 LUME, ADRIAN	PIKE	900FNL1200FEL16 M85	932	3329	2518		GAS	0	3410H10

WELL NO	OPERATOR	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
879	KY WEST VA GAS CO	5388 LESLIE, S B	PIKE	1050FNL 400FEL16 N85	898	3359	2520		GAS	0	3410HIU
880	KY WEST VA GAS CO	5624 FRANCISCO, WM	PIKE	2500FSL 150FNL17 N85	1102	3562	2735		GAS	0	3410HIU
881	KY WEST VA GAS CO	5593 LESLIE, J B	PIKE	1500FNL2350FEL17 N85	974	3470	2640		GAS	0	3410HIU
882	KY WEST VA GAS CO	950 THOMPSON, TRIMBLE	PIKE	1500FNL1600FEL17 N85	966	3538	2675		GAS	0	3410HIU
885	KY WEST VA GAS CO	855 KAY, GED M	PIKE	800FNL1350FNL19 N85	880	3516	2647		GAS	10	3410HIU
886	KY WEST VA GAS CO	5551 STAMEN, AVERY	PIKE	3300FNL 500FNL19 N85	972	3585	2712		GAS	0	3410HIU
887	KY WEST VA GAS CO	5655 STANLEY, WILLIAM	PIKE	2450FSL2150FEL19 N85	902	3571	2677		GAS	0	3410HIU
888	KY WEST VA GAS CO	5875 CAINS, RICHARD	PIKE	2850FSL1050FNL20 N85	1045	3016	2835		GAS	0	3410HIU
889	KY WEST VA GAS CO	5971 ROBINETT, GREG	PIKE	1750FNL1650FEL20 N85	1190	3855	2994		GAS	0	3410HIU
890	KY WEST VA GAS CO	5872 JESTER, WILLIAM	PIKE	2300FNL1950FNL16 N86	1092	3789	2860		GAS	10	3410HIU
891	KY WEST VA GAS CO	6433 PINSON, A H	PIKE	2850FNL1050FNL18 N86	1026	3772	2850		GAS	10	3410HIU
893	KY WEST VA GAS CO	6381 SMITH, DAVID	PIKE	50FNL1700FNL18 N86	924	3635	2725		GAS	0	3410HIU
895	UNITED CARBON CO	1139 SCOTT, ROSCOE	PIKE	950FSL1000FEL16 N85	1008	3700	2645		GAS	0	3410HIU
896	KY WEST VA GAS CO	697 SCOTT, J A	PIKE	300FSL1000FNL17 N85	847	3307	2478		GAS	0	3410HIU
897	KY WEST VA GAS CO	737 SCOTT, J A	PIKE	1150FSL1400FEL17 N85	1414	3898	3100		GAS	0	3410HIU
898	KY WEST VA GAS CO	675 SCOTT, J A	PIKE	2200FSL1800FEL18 N85	1039	3006	2745		GAS	0	3410HIU
899	UNITED FUEL GAS CO	6714 DAVIS, JOHN ETAL	PIKE	2200FSL1800FEL18 N85	1262	3863	3000		GAS	10	3410HIU
900	KY WEST VA GAS	5515 FERGUSON, J LEE	PIKE	700FNL 800FEL23 N85	989	3269	2710		GAS	10	3410HIU
901	KY WEST VA GAS	5354 MAYNARD, GEORGE W	PIKE	500FNL1200FNL22 N85	974	3485	2735		GAS	0	3410HIU
902	KY WEST VA GAS CO	5846 CAINS, RICHARD	PIKE	1300FSL 500FEL19 N85	996	3660	2790		UGA	0	
904	COOLEY, BILL ETAL	SMITH, HARRISON	PIKE	550FNL1200FNL21 N85		3620	2810		GAS	0	3410HIU
905	COOLEY, BILL ETAL	SMITH, HARRISON	PIKE	1350FSL1800FNL20 N85		3625	2771		GAS	0	3410HIU
906	KY WEST VA GAS CO	5903 BEVINS, THOMAS	PIKE	850FSL 400FNL16 N86	1158	3842	2965		GAS	0	3410HIU
907	KY WEST VA GAS	6255 PINSON, A H	PIKE	350FSL 200FNL18 N86	1066	3834	2906		UGA	10	
908	UNITED CARBON CO	SCOTT, ROSCOE	PIKE	2000FNL 550FEL25 N85	946	3190	2363		UGA	0	
909	WARFIELD NAT GAS C	5331 TAYLOR, BLANCHE	PIKE	2100FSL 250FNL24 N85		3521	2692		GAS	0	3410HIU
910	KY WEST VA GAS CO	708 SCOTT, J A	PIKE	1650FNL1750FNL24 N85	917	3379	2565		GAS	0	3410HIU
911	KY WEST VA GAS	727 SCOTT, J A	PIKE	900FNL 300FEL24 N85	951	3471	2625		UGA	0	
912	KY WEST VA GAS CO	715 SCOTT, J A	PIKE	2800FSL 900FEL24 N85	928	3400	2600		GAS	0	3410HIU
913	KY WEST VA GAS	5464 HINKLE, WILLIAM	PIKE	2750FSL1400FEL23 N85	1199	3781	2930		GAS	0	3410HIU
914	KY WEST VA GAS	5595 MAYNARD, GEORGE W	PIKE	2650FNL 850FNL22 N85	1040	3569	2794		GAS	10	3410HIU
915	KY WEST VA GAS	5625 KAY, JOSEPH	PIKE	2200FSL 750FEL22 N85	1129	3755	2892		GAS	10	3410HIU
916	KY WEST VA GAS	6056 FERGUSON, J LEE	PIKE	2300FNL1850FNL21 N85	1128	3775	2920		UGA	0	
917	KY WEST VA GAS	6023 FERGUSON, J LEE	PIKE	1350FNL1000FEL21 N85	1256	3949	3055		GAS	10	3410HIU
918	KY WEST VA GAS	5985 ROBINETT, MIRAM	PIKE	950FNL1300FNL25 N86	1136	3838	2950		GAS	0	3410HIU
919	KY WEST VA GAS	5933 FERGUSON, J LEE	PIKE	1350FNL1600FEL25 N86	1342	4048	3163		GAS	10	3410HIU
920	COLUMBIAN FUEL CO	1332 BLACKBURN, JOHN	PIKE	2300FSL1600FEL25 N86	1231	3977	3085		GAS	0	3410HIU
921	KY WEST VA	6225 BURGESS, L W	PIKE	1600FNL1050FEL24 N86	1224	3990	3070		UGA	0	
922	WARFIELD NAT GAS	5700 WILLIAMSON, N B ET	PIKE	1000FNL 800FEL 5 N85		3215	2397		GAS	0	3410HIU
923	UNITED FUEL GAS CO	6893 LUME, NANCY	PIKE	500FNL1350FNL 4 N85	922	3422	2605		UGA	0	
924	KY WEST VA GAS	813 BURNETT, J F	PIKE	1750FSL1800FNL24 N85	1020	3437	2665		GAS	0	3410HIU
925	KY WEST VA GAS	783 BURNARD, RULLAND ET	PIKE	500FNL1950FEL 4 N85	788	3300	2460		GAS	0	3410HIU
927	WARFIELD NAT GAS C	5404 ADAMS, DAVID	PIKE	2750FSL1350FEL23 N85	1125	3635	2820		GAS	30	3398REA

WELL NO	OPERATOR	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
928	UNITED CARBON CO	C C & C CO 47	PIKE	1150FSL 950FNL22	N85 1110	3550	2880		GAS		3410H1U
929	KY WEST VA GAS	5080 PINSON, THOMAS	PIKE	450FSL 400FNL21	N85 905	3554	2700		GAS		0 3410H1U
930	KY WEST VA GAS	978 YOUNG, BEN F	PIKE	1100FNL1200FEL	5 M86 902	3641	2742		GAS		0 3410H1U
931	KY WEST VA	6209 BEVINS, THOMAS J	PIKE	1250FSL1200FEL24	N86 4072	4072	3172		GAS		0 3410H1U
932	KY WEST VA GAS	5668 CLARK, MATILDA	PIKE	2150FNL 350FNL	5 M85 885	3284	2466		GAS		0 3410H1U
933	UNITED FUEL GAS C	6899 WILLIAMSON, N B	PIKE	1450FNL2450FEL	5 M85 1123	3562	2743		GAS	10	3410H1U
934	UNITED CARBON CO	BLACKBURN, KELSIE	PIKE	2600FNL2050FEL	5 M85 792	3208	2420		GAS		0 3410H1U
935	MAFIELD NAT GAS C	5752 MAYNARD, BUCKLEY ET	PIKE	2650FSL 600FEL	5 M85 847	3316	2485		GAS	10	3410H1U
936	UNITED CARBON CO	1882 CASSADY, EDITH	PIKE	1600FSL1000FNL	4 M85 770	3253	2435		GAS		0 3410H1U
937	UNITED FUEL GAS CO	6882 HOWARD, SIDNEY ETA	PIKE	2900FSL1600FNL	4 M85 724	3218	2381		GAS		0 3410H1U
938	KY WEST VA GAS	785 HOWARD, RULLAND	PIKE	2100FNL 950FEL	4 M85 770	3294	2432		GAS		0 3410H1U
939	KY WEST VA GAS CO	797 LUME, W F	PIKE	1750FSL 650FEL	4 M85 789	3345	2488		GAS		0 3410H1U
940	KY WEST VA GAS	820 MEDDINGTON, BALLAN	PIKE	1400FNL1300FNL	3 M85 1111	3618	2790		GAS		0 3410H1U
941	KY WEST VA	TAYLOR, J A	PIKE	2400FSL1700FNL	3 M85 1067	3653	2785		GAS		0 3410H1U
942	UNITED FUEL GAS CO	56125 MITT, LEANDER	PIKE	1950FNL2100FEL	3 M85 1040	3572	2710		GAS		0 3410H1U
943	UNITED CARBON CO	C C & C CO	PIKE	2800FSL 450FEL	3 M85 865	3135	2577		GAS		0 3410H1U
944	UNITED FUEL GAS CO	6649 PINSON, ANNIE M	PIKE	1950FSL1300FNL	2 M85 1284	3898	3036		GAS		0 3410H1U
946	ALLEN, JOHN ETAL	PINSON, ANNIE M	PIKE	1600FSL1850FEL	2 M85 736	3362	2500		GAS		0 3410H1U
947	KY WEST VA GAS CO	935 BLACKBURN, URSIE	PIKE	2700FNL 550FEL	2 M85 799	3420	2563		GAS		0 3410H1U
948	UNITED FUEL GAS CO	6586 SKATTUN, J L	PIKE	2000FNL1100FNL	1 M85 1149	3835	2955		OIL		0 3410H1U
950	UNITED FUEL GAS CO	6574 SKATTUN, M E	PIKE	2150FSL1000FNL	1 M85 783	3440	2580		GAS		0 3410H1U
951	COLUMBIAN FUEL COR	1311 WILLIAMSON, CORA	PIKE	2950FNL2300FEL	1 M85 778	3467	2585		GAS		0 3410H1U
952	KY WEST VA GAS	985 YOUNG, BEN F	PIKE	2450FSL1000FEL	5 M86 1345	4103	3197		GAS		0 3410H1U
953	WHITIS, BEE ETAL	PINSON HRS	PIKE	2300FSL2050FNL	4 M86	3976	3055		GAS		0 3410H1U
954	KY WEST VA GAS	6481 BEVINS, A J	PIKE	1900FNL 250FNL	3 M86 1273	4059	3132		OIL		0 3410H1U
955	UNITED CARBON CO	THOMPSON, R TRUSTE	PIKE	1250FSL2300FNL	5 M85 815	3262	2440		GAS	10	3410H1U
956	UNITED CARBON CO	KY WEST VA GAS CO	PIKE	250FSL 150FNL	4 M85 885	3290	2533		GAS		0 3410H1U
957	UNITED CARBON CO	MEADE, MATLER	PIKE	600FNL1700FEL	6 M85 957	3170	2585		GAS		0 3410H1U
959	JENKINS, OLIVER	MOSES MEADE	PIKE	1850FNL1800FNL	7 M85 943	3443	2595		GAS		0 3410H1U
960	KY WEST VA GAS	837 TAYLOR, J A	PIKE	1200FNL 200FEL	7 M85 738	3243	2407		GAS		0 3410H1U
961	KY WEST VA GAS	824 TAYLOR, J A	PIKE	750FSL1100FNL	3 M85 852	3380	2507		GAS		0 3410H1U
962	UNITED FUEL GAS CO	5852 LUME, IRVIN	PIKE	1250FNL1600FNL	8 M85 786	3359	2490		GAS	10	3410H1U
965	KY WEST VA GAS	5798 LESLIE, K F	PIKE	1400FNL 600FEL	8 M85 816	3395	2528		GAS		0 3410H1U
966	KY WEST VA GAS	LESLIE, K F	PIKE	1000FSL2150FNL	2 M85 740	3347	2483		GAS		0 3410H1U
967	KY WEST VA GAS	5862 LESLIE, K F	PIKE	100FNL 750FNL	9 M85 829	3420	2560		GAS	10	3410H1U
969	COLUMBIAN FUEL CO	1322 MURRAY, CHARLIE	PIKE	550FSL1100FEL	2 M85 827	3193	2525		GAS		0 3410H1U
970	KY WEST VA GAS	961 KING, JAMES	PIKE	900FNL 400FEL	9 M85 846	3481	2610		GAS		0 3410H1U
971	UNITED FUEL GAS CO	6585 SKATTUN, J C	PIKE	100FSL1450FNL	1 M85 1208	3900	3000		UGA		0
972	UNITED FUEL GAS CO	5840 JOHNSON, BETTY ANN	PIKE	500FSL1100FNL	5 M86 1121	3830	2955		GAS		0 3410H1U
973	WHITIS, BEE	VANNEY, ALEX	PIKE	200FSL 150FNL	4 M86	3791	2876		GAS	10	3410H1U
974	UNITED CARBON CO	CASSADY, EDITH	PIKE	2350FNL1950FNL	6 M85 1093	3535	2722		GAS	10	3410H1U
976	UNITED CARBON CO	CASSADY, EDITH	PIKE	2100FNL 550FEL	6 M85 828	3293	2475		GAS		0 3410H1U
977	KY WEST VA GAS	937 THOMPSON, R TR	PIKE	1800FSL 400FNL	7 M85 1015	3025	2655		GAS	10	3410H1U

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TO	BREA	PERM	CMPL	IP	PAT
977	KY WEST VA GAS	897	TAYLOR, CLYDE	PIKE	1500FSL1150FEL 7 M85	999	3483	2650	GAS	U	34	10H10
980	KY WEST VA GAS	892	MAYNARD, ROBERT L	PIKE	2550FSL1050FEL 8 M85	798	3329	2480	GAS	U	10	3410H10
981	BROWN, DA		CUNNY, ELLA M	PIKE	2900FSL1900FEL 8 M85	850	2950	2402	GAS	U	10	3410H10
982	BROWN, FRANK J		MAYNARD & CUNNY	PIKE	2800FNL2250FEL 8 M85		3381	2526	GAS	U	10	3410H10
983	WEBB, JIM	1	TAYLOR, BRAD	PIKE	1600FSL 600FEL 9 M85		3326	2483	GAS	U	10	3410H10
984	KY WEST VA GAS CO	205	HAINFIELD, SALLIE	PIKE	2350FNL1550FEL 9 M85	1012	3572	2680	GAS	U	34	10H10
985	COLUMBIAN FUEL CO	1310	BLACKBURN, W E	PIKE	1850FNL1750FEL10 M85	858	3572	2675	GAS	U	34	10H10
986	KY WEST VA GAS	5857	BLACKBURN, WILLIAM	PIKE	2650FSL1200FEL10 M85	858	3579	2680	DEA	U		
987	PIKE 2000FNL 500FM	908	100	PIKE	2900FNL1900FEL 6 M86	821	3635	2796	DEA	U		
988	KY WEST VA GAS CO	897	HAINFIELD, SALLIE	PIKE	2900FNL1900FEL 6 M86	821	3574	2675	GAS	U	34	10H10
989	BENT MOUNTAIN O&G		VARNEY MRS	PIKE	1550FNL 850FEL 6 M86		3462	2740	GAS	U	34	10H10
990	UNITED FUEL GAS CO	6314	ELSWICK, P M	PIKE	2350FNL 300FEL 7 M86	1099	3879	2940	GAS	U	10	3410H10
991	BENT MOUNTAIN O&G		VARNEY MRS	PIKE	2150FNL2000FEL 7 M86		3543	2800	GAS	U	34	10H10
992	KY WEST VA GAS CO	940	THE FIRST NATL CO	PIKE	2300FSL1900FEL 7 M86	1005	3771	2860	DEA	U		
993	KY WEST VA GAS		WILLIAMS, ROBERT	PIKE	2600FSL1590FEL 7 M86	1074	3720	2894	GAS	U	33	8BREA
994	KY WEST VA GAS		WILLIAMS, ROBERT	PIKE	1800FSL 200FEL 7 M86	1022	3860	2886	GAS	U		3410H10
995	KY WEST VA GAS		WILLIAMS, ROBERT	PIKE	2550FNL 650FEL 8 M86	1250	4070	3110	GAS	U		3410H10
997	KY WEST VA GAS	5747	GILLIAM, B F	PIKE	1800FNL 550FEL15 M85	1189	3653	2855	GAS	U		3410H10
998	UNITED CARBON CO		MAYNARD, MINERVA E	PIKE	500FNL 750FEL14 M85	934	3426	2609	GAS	U	20	3410H10
999	UNITED CARBON CO		BURNETTE, W W	PIKE	800FNL1800FEL14 M85	923	3431	2590	GAS	U	10	3410H10
1001	KY WEST VA GAS	804	PINSON, E L	PIKE	1500FNL1700FEL13 M85	829	3400	2550	DEA	U		
1002	KY WEST VA GAS	835	PINSON, E L	PIKE	1600FNL2000FEL12 M85	903	3309	2650	GAS	U		3410H10
1003	KY WEST VA GAS	910	AKERS, A J	PIKE	850FSL 250FEL 9 M85	867	3494	2624	GAS	U		3410H10
1004	KY WEST VA GAS CO	908	WILLIAMS, ROBERT	PIKE	950FSL 600FEL 6 M86	768	3420	2612	GAS	U		3410H10
1005	KY WEST VA GAS	1023	WILLIAMS, ROBERT	PIKE	1300FNL2200FEL15 M86	810	3586	2668	GAS	U		3410H10
1006	UNITED CARBON CO		DESKINS, BUONE 153	PIKE	1200FNL 400FEL15 M86	905	3605	2705	GAS	U		3410H10
1007	KY WEST VA GAS	5884	DESKINS, JACKSON	PIKE	1650FNL1450FEL14 M86	816	3586	2675	GAS	U		3410H10
1009	JENKINS, OLIVER		ELLIS, JAMES	PIKE	2500FSL 700FEL15 M85	1050	3486	2646	GAS	U		3410H10
1010	KY WEST VA GAS	5834	ELLIS, EUEL	PIKE	1900FSL1900FEL15 M85	1044	3517	2672	GAS	U		3410H10
1011	KY WEST VA GAS		ELLIS, EUEL	PIKE	1900FSL 500FEL15 M85	1299	3806	2945	GAS	U	10	3410H10
1012	ROBERT MULLUMB & C		THOMPSON, ALBERT	PIKE	2500FNL2200FEL14 M85	1134	3644	2810	GAS	U	10	3410H10
1013	KY WEST VA GAS	919	JOHNSON, BETTY M	PIKE	1700FSL2000FEL14 M85	978	3478	2636	GAS	U		3410H10
1014	KY WEST VA GAS	876	PINSON, E L	PIKE	2600FNL1100FEL13 M85	795	3331	2475	GAS	U		3410H10
1015	KY WEST VA GAS CO	812	PINSON, E L	PIKE	2700FSL 700FEL12 M85	858	3425	2560	GAS	U		3410H10
1016	KY WEST VA GAS	825	PINSON, E L	PIKE	1850FSL1600FEL12 M85	845	3447	2570	DEA	U		
1017	KY WEST VA GAS	1008	PINSON, E L	PIKE	2400FSL 500FEL12 M85	1048	3715	2835	GAS	U		3410H10
1018	KY WEST VA GAS	721	WILLIAMS, ROBERT	PIKE	2500FNL 300FEL11 M85	933	3544	2750	DEA	U		
1019	KY WEST VA GAS	1094	WILLIAMS, ROBERT	PIKE	2600FSL1750FEL15 M86	1156	3943	3020	GAS	U	15	3410H10
1020	KY WEST VA GAS	1041	WILLIAMS, ROBERT	PIKE	1900FSL1300FEL15 M86	978	3750	2815	GAS	U		3410H10
1021	KY WEST VA GAS	1030	WILLIAMS, ROBERT	PIKE	1500FSL1800FEL14 M86	883	3679	2740	GAS	U		3410H10
1022	UNITED FUEL GAS CO	8006	PHILLIPS, W W	PIKE	2600FNL1000FEL13 M86	1116	3931	3000	GAS	U		3410H10
1023	UNITED CARBON CO		VARNEY, DAISY	PIKE	750FSL 100FEL14 M86	867	3677	2759	GAS	U		3410H10
1025	UNITED FUEL GAS CO	8544	MAYNARD, WAYNE	PIKE	2250FNL1900FEL16 M85	1037	3510	2680	GAS	U		3410H10

WELL NO	MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TU	BREA	PERM	CMPL	IP	PAY
1027		KY WEST VA GAS	5833	MCCOY, JOHN R	PIKE	400FNL1000FNL17 M85	842	3339	2490	DEA		0	
1028		KY WEST VA GAS	5841	MCCOY, JOHN R	PIKE	700FNL1400FEL17 M85	788	3301	2472	DEA		0	
1029		PETERY AND DALTON		THOMPSON MRS	PIKE	300FSL 10FNL13 M85		3305	2400	GAS		0	3410H10
1030		KY WEST VA GAS CU	924	JUSTICE, J L	PIKE	2400FNL2000FNL18 M85	777	3321	2472	GAS		0	3410H10
1031		KY WEST VA GAS	971	PINSON, E L	PIKE	1000FNL1600FNL19 M85	1000	3579	2725	GAS		0	3410H10
1032		KY WEST VA GAS	1085	PINSON, E L	PIKE	750FNL 600FEL19 M85	1023	3605	2810	UFL		0	3410H10
1033		KY WEST VA GAS	981	PINSON, E L	PIKE	200FSL1700FNL11 M85	1018	3609	2815	GAS		0	3410H10
1034		KY WEST VA GAS CU	3998	MITCHELL, JOHN W	PIKE	400FSL1350FNL15 M86	958	3187	2480	GAS		0	3410H10
1035		KY WEST VA GAS	1077	PINSON, E L	PIKE	1700FNL 800FNL16 M86	1230	3967	3065	GAS		0	3410H10
1037		KY WEST VA GAS	1037	WILLIAMS, ROBERT	PIKE	700FNL 200FEL16 M86	998	3772	2830	GAS		26	3410H10
1038		UNITED FUEL GAS CO	8323	PHILLIPS, JOHN F	PIKE	2400FNL 200FNL17 M86	1089	3886	2926	GAS		0	3410H10
1039		ROBERTS & HOLCOMB		PHILLIPS MRS	PIKE	800FNL1100FEL17 M86	797	3632	2710	GAS		0	3410H10
1041		UNITED FUEL GAS CO	6372	MAYNARD, W	PIKE	2400FSL2050FEL16 M85	1226	3566	2735	GAS		0	3410H10
1043		KY WEST VA GAS	5401	TAYLOR, CALVIN	PIKE	2500FSL1150FNL17 M85	1016	3480	2646	GAS		0	3410H10
1044		KY WEST VA GAS	865	CLINE, J S	PIKE	500FSL1300FNL17 M85	933	3430	2600	DEA		0	
1045		KY WEST VA GAS	840	YOST, JOHN M	PIKE	1100FSL1350FEL17 M85	875	3366	2545	GAS		0	3410H10
1046		KY WEST VA GAS	5409	CHARLES, THOMAS	PIKE	250FSL2200FNL18 M85	896	3480	2610	UFL		10	3410H10
1047		KY WEST VA GAS	5426	FERGUSON, V LEE	PIKE	2900FSL 650FEL18 M85	873	3460	2595	GAS		0	3410H10
1048		KY WEST VA GAS	5440	CHARLES, THOMAS	PIKE	800FSL 850FNL19 M85	878	3472	2610	GAS		0	3410H10
1050		KY WEST VA GAS	1086	THOMPSON, R ETAL	PIKE	2900FSL 200FEL19 M85	1020	3680	2812	GAS		0	3410H10
1051		KY WEST VA GAS	1111	MAYNARD, JOE	PIKE	2500FSL2100FNL20 M85	986	3746	2830	GAS		0	3410H10
1052		KY WEST VA GAS CU	1070	THOMPSON, R ETAL	PIKE	1150FSL1900FNL20 M85	1021	3742	2856	GAS		0	3410H10
1053		KY WEST VA GAS CU	6442	MAYNARD, ALLEN	PIKE	2450FSL 200FEL20 M85	1243	4017	3110	GAS		0	3410H10
1054		KY WEST VA GAS	5455	MAYNARD, ALLEN	PIKE	500FSL 500FEL20 M85	950	3440	2810	DEA		0	
1055		UNITED FUEL GAS CO	8380	PHILLIPS, JOHN F	PIKE	2800FSL1700FEL16 M86	1353	4158	3235	GAS		10	3410H10
1056		KY WEST VA GAS CU	6321	MAYNARD, ALLEN	PIKE	1100FSL1800FNL16 M86	1116	3910	3015	GAS		0	3410H10
1057		UNITED CARBON CO		PHILLIPS, URVILLE	PIKE	2000FSL2300FEL17 M86	908	3728	2817	DEA		0	
1058		UNITED CARBON CO		MCDONALD, B	PIKE	1950FNL 450FNL25 M85		3361	2545	GAS		0	3410H10
1059		KY WEST VA GAS	801	CLINE, J S	PIKE	1000FNL2400FEL25 M85	1063	3527	2706	GAS		0	3410H10
1061		KY WEST VA GAS	810	NELLS, M S	PIKE	450FNL 600FEL25 M85	1256	3621	2910	GAS		0	3410H10
1062		KY WEST VA GAS	833	WILLIAMS, ROBERT	PIKE	1700FNL1000FNL24 M85	960	3470	2625	GAS		0	3410H10
1063		WAKFIELD NAT GAS	5567	KATLIFF, M H MRS	PIKE	1650FNL1650FEL24 M85		3805	2965	GAS		10	3410H10
1064		KY WEST VA GAS	780	MCCOY, BERLIN	PIKE	2750FSL 450FNL23 M85	1278	3814	2980	DEA		0	
1065		KY WEST VA GAS CU		CHARLES, A L	PIKE	2850FNL2200FEL23 M85	950	3517	2660	GAS		0	3410H10
1066		KY WEST VA GAS	5459	CHARLES, FREDERICK	PIKE	1400FNL 950FNL22 M85	803	3407	2542	GAS		10	3410H10
1067		KY WEST VA GAS	1121	COLEMAN, LUKA M	PIKE	550FNL1450FEL22 M85	836	3509	2620	GAS		0	3410H10
1068		KY WEST VA GAS	1057	SCOTT, J A	PIKE	2900FSL1000FNL21 M85	1095	3801	2915	GAS		0	3410H10
1069		KY WEST VA GAS	1044	JORDAN, M R JR	PIKE	1800FNL1950FNL21 M85	1047	3800	2906	GAS		0	3410H10
1070		KY WEST VA GAS	931	WILLIAMS, ROBERT	PIKE	1450FNL1350FNL25 M86	1016	3809	2410	DEA		0	
1071		KY WEST VA GAS	954	WILLIAMS, ROBERT	PIKE	2250FNL 700FEL25 M86	1115	3924	3017	GAS		0	3410H10
1072		KY WEST VA GAS	6111	CULLINS, ANDY	PIKE	1850FNL1350FEL24 M86	1106	3932	3018	GAS		0	3410H10
1074		KY WEST VA GAS CU		CULLINS, ANDY	PIKE	200FNL1950FNL23 M86	901	3748	2837	GAS		10	3410H10
1075		UNITED CARBON CO		WILLIAMSON, THOMAS	PIKE	2000FSL1200FNL25 M85	875	3324	2505	GAS		0	3410H10

MAP NO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BEREA	PERM	CMPL	IP	PAY
1076	KY WEST VA GAS	1287	CLINE, J S	PIKE	900FSL1450FEL25 M85	1033	3534	2685				
1077	KY WEST VA GAS	793	CLINE, J S	PIKE	2150FSL1100FML24 M85	1073	3587	2753	GAS		0	3410H1U
1078	KY WEST VA GAS	5475	SLONE, MORGAN	PIKE	1550FSL1950FEL24 M85	905	3750	2820	GAS		10	3410H1U
1080	KY WEST VA GAS	5486	CHARLES, GREENVILL	PIKE	2050FSL2200FML23 M85	1404	3862	3000	UGA		0	
1081	KY WEST VA GAS	5435	CHARLES, GREENVILL	PIKE	900FSL1400FEL23 M85	881	3459	2598	UGA		10	
1082	KY WEST VA GAS	5479	CHARLES, GREENVILL	PIKE	750FSL1800FML22 M85	886	3503	2637	UGA		0	
1083	KY WEST VA GAS	1230	RICE, FRANCIS L	PIKE	650FSL 250FML21 M85	1044	3700	2838	GAS		0	3410H1U
1084	KY WEST VA GAS	1038	SIZEMORE MINING CO	PIKE	1600FSL1950FEL21 M85	1157	3949	3037	GAS		0	3410H1U
1085	KY WEST VA GAS	1026	WILLIAMS, ROBERT E	PIKE	1750FSL2100FML25 M86	1282	4082	3194	GAS		0	3410H1U
1086	KY WEST VA GAS	946	WILLIAMS, ROBERT E	PIKE	1450FSL1250FML24 M86	1364	4193	3288	GAS		0	3410H1U
1087	COLUMBIAN FUEL CUR	882	KY WEST VA	PIKE	2050FSL 100FML23 M86	1020	3987	2930	UGA		10	
1089	KY WEST VA GAS CU	5381	SCALF, AMOS	PIKE	2600FSL2200FML11 M83	799	2856	2116	GAS		0	3410H1U
1090	KY WEST VA GAS CU	5901	SCALF, WM	PIKE	600FSL1400FML15 M84	1000	3120	2357	GAS		0	3410H1U
1091	KY WEST VA GAS CU		VICARS, J W	PIKE	200FSL1200FEL15 M84	763	2915	2145	GAS		0	3410H1U
1092	KY WEST VA GAS CU	6623	VICARS, J W	PIKE	2000FSL 600FML14 M84	771	2958	2181	GAS		10	3410H1U
1093	KY WEST VA GAS CU	817	YUST, JOHN M	PIKE	900FSL1400FEL14 M84	920	3481	2650	UGA		10	
1094	KY WEST VA GAS CU	786	LESLIE, S B	PIKE	800FSL1000FML13 M84	744	2994	2223	GAS		0	3410H1U
1095	KY WEST VA GAS	1220	BURCHETT, FLOYD	PIKE	2100FSL2000FEL13 M84	1044	3291	2485	GAS		0	3410H1U
1096	KY WEST VA GAS CU	829	LESLIE, S B	PIKE	2250FSL 200FML12 M84	874	3113	2327	GAS		0	3410H1U
1097	KY WEST VA GAS CU	893	LESLIE, THOMAS	PIKE	1100FSL2000FML12 M84	953	3263	2466	UGA		0	
1098	KY WEST VA GAS CU	765	LESLIE, HELEN	PIKE	500FNL 800FNL19 M84	758	2965	2308	GAS		0	3410H1U
1099	KY WEST VA GAS CU	5758	LUME, JOHN M	PIKE	1700FSL 800FEL12 M84	736	3057	2247	GAS		0	3410H1U
1100	KY WEST VA GAS CU	5784	LUME, JOHN M	PIKE	2500FSL1150FML11 M84	804	3144	2325	GAS		0	3410H1U
1101	KY WEST VA GAS	778	LESLIE, HELEN	PIKE	1400FSL1650FEL11 M84	847	3224	2415	GAS		10	3410H1U
1102	KY WEST VA GAS CU	6498	SCALF, HEZEKIAH	PIKE	1300FNL1600FNL20 M83	755	2804	2093	GAS		0	3410H1U
1103	PINEY O&G LU	555	LAWS HRS	PIKE	2600FNL1000FEL19 M83	1013	3042	2330	GAS		0	3410H1U
1104	PINEY O&G CU	572	LAWS HRS	PIKE	2500FSL1900FML20 M83		2837	2125	UGA		10	
1105	KY WEST VA GAS LU	5944	FRANCISLU, A J	PIKE	1650FNL 250FEL20 M83	1227	3345	2600	UGA		0	
1106	KY WEST VA GAS CU	6653	VICARS, J W	PIKE	1600FNL2200FML16 M84	896	3043	2270	GAS		0	3410H1U
1107	KY WEST VA GAS CU	5303	VICARS, J W	PIKE	2900FNL 900FEL16 M84	842	3023	2245	GAS		0	3410H1U
1108	KY WEST VA GAS CU	6606	VICARS, J W	PIKE	1050FNL1850FML17 M84	840	3030	2265	GAS		0	3410H1U
1109	KY WEST VA GAS CU	785	WALKER, GORDY	PIKE	2100FNL1100FEL17 M84	736	2977	2175	GAS		0	3410H1U
1110	KY WEST VA GAS CU	1143	LESLIE, HELEN	PIKE	1000FNL1100FEL18 M84	705	2970	2170	GAS		21	3410H1U
1111	UNITED LARDEN LU		MAY, I B	PIKE	1850FNL1800FEL19 M84	892	3222	2415	UGA		0	3410H1U
1112	KY WEST VA GAS	5716	LUME, JOHN M	PIKE	1350FNL 750FML20 M84	897	3242	2442	GAS		0	3410H1U
1113	KY WEST VA GAS	1253	LUME, AUKUN	PIKE	2900FNL2000FML20 M84	835	3208	2388	GAS		0	3410H1U
1114	KY WEST VA GAS CU	731	LUME, AUKUN	PIKE	1900FNL 650FEL20 M84	841	3213	2416	GAS		0	3410H1U
1115	KINDRED, J L ETAL		KINDRED, J L	PIKE	1500FSL1100FEL19 M83		3219	2571	GAS		10	3410H1U
1116	PINEY O&G CU	573	LAWS HRS	PIKE	1600FSL 300FEL20 M83		2944	2224	GAS		0	3410H1U
1117	COLUMBIAN FUEL CUR	1312	LAWS HRS	PIKE	200FNL2150FML25 M84	847	3021	2265	GAS		0	3410H1U
1118	COLUMBIAN FUEL CUR	1307	LAWS HRS	PIKE	1400FSL 400FML17 M84	1079	3240	2473	GAS		0	3410H1U
1119	KY WEST VA GAS CU	5700	LESLIE, S B	PIKE	1600FSL2150FEL17 M84	963	3170	2400	GAS		0	3410H1U
1121	KY WEST VA GAS CU	5736	LESLIE, S B	PIKE	900FSL 800FML18 M84	1047	3293	2510	GAS		0	3410H1U

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
1122	KY WEST VA GAS CO	746	MULLINS, J C	PIKE	1900FSL1700FML18 NB4	766	3030	2250	GAS	0	3410H1U	
1123	KY WEST VA GAS CO	720	MULLINS, J C	PIKE	600FSL 600FEL18 NB4	710	2997	2215	GAS	0	3410H1U	
1124	KY WEST VA GAS CO	730	LESLIE, INGRAM	PIKE	700FSL1600FML19 NB4	698	3008	2222	GAS	0	3410H1U	
1125	KY WEST VA GAS CO	739	LESLIE, JOHN B	PIKE	1200FNL2200FML22 NB4	707	3018	2230	GAS	0	3410H1U	
1126	KY WEST VA GAS CO	661	STAPP, JULIUS	PIKE	0FSL 150FEL19 NB4	786	2511	2301	GAS	10	3410H1U	
1128	KY WEST VA GAS CO	651	LOWE, ARNOLD	PIKE	1400FSL2000FML20 NB4	725	3087	2265	GAS	0	3410H1U	
1129	KY WEST VA GAS CO	9428	PINSON, RUSSELL	PIKE	250FNL 100FEL21 NB4	753	3152	2332	GAS	0	3410H1U	
1130	KY WEST VA GAS CO	664	DESKINS, THOMAS	PIKE	2700FSL 300FEL22 NB3	1330	3439	2696	GAS	0	3410H1U	
1131	PINEY O&G CO	2	LAWSON, H L	PIKE	1800FNL2000FEL21 NB3	844	3380	2214	GAS	0	3410H1U	
1132	PINEY O&G CO	5	LAWSON, H L	PIKE	2700FNL 100FEL21 NB3	907	3075	2316	GAS	0	3410H1U	
1135	KY WEST VA GAS CO	862	MULLINS, J C	PIKE	2100FNL1400FML23 NB4	813	3065	2300	GAS	10	3410H1U	
1136	KY WEST VA GAS CO	1145	LESLIE, S H	PIKE	2400FNL1400FEL23 NB4	969	3271	2487	GAS	0	3410H1U	
1138	KY WEST VA GAS CO	640	CLARK, EDWARD C	PIKE	2900FNL1200FEL22 NB4	728	3138	2261	GAS	0	3410H1U	
1139	KY WEST VA GAS CO	6543	KING, SHERMAN	PIKE	2300FNL2100FEL21 NB4	822	3202	2374	GAS	10	3410H1U	
1140	KY WEST VA GAS	1204	MULLINS, J C	PIKE	700FSL 350FML23 NB4	1029	3297	2512	GAS	0	3410H1U	
1141	PINEY O&G CO		HATCHER, JAMES	PIKE	1825FSL1650FEL23 NB4	714	3007	2222	GAS	0	3410H1U	
1142	KY WEST VA GAS	614	LESLIE, JOHN B	PIKE	1650FSL 400FEL22 NB4	765	3061	2252	UGA	0		
1144	KY WEST VA GAS CO	652	DESKINS, THOMAS	PIKE	500FNL 500FML 1 NB3	1119	3339	2610	GAS	0	3410H1U	
1146	PINEY O&G CO	533	LAWSON, H L	PIKE	1500FNL2300FEL 1 NB3	943	3110	2377	GAS	0	3410H1U	
1147	PINEY O&G CO		LAWSON, H L	PIKE	725FSL1800FEL21 NB3		2938	2286	UGA	10	3338IGL	
1148	PINEY O&G CO		LAWSON, H L	PIKE	400FNL 800FML 5 NB4		3108	2372	GAS	0	3410H1U	
1151	KY WEST VA GAS	1142	LESLIE, JOHN B	PIKE	900FNL 500FML 2 NB4	1020	3318	2512	GAS	0	3410H1U	
1153	KY WEST VA GAS	1155	RUME, MILNER C	PIKE	950FSL1000FML21 NB4	903	3268	2440	GAS	0	3410H1U	
1154	KY WEST VA GAS CO	790	SPARKS, DAVID	PIKE	1700FSL1700FEL21 NB4	734	3099	2277	GAS	0	3410H1U	
1155	KY WEST VA GAS	5652	ADAMS, BEN	PIKE	400FNL2000FEL 1 NB4	747	2890	2297	GAS	0	3410H1U	
1156	KY WEST VA GAS	6484	STRATTON, TANDY W	PIKE	1600FSL 100FEL 2 NB3	809	2913	2215	UGA	0		
1157	PINEY O&G CO		HATCHER, JAMES 13	PIKE	1050FSL1850FML 1 NB3		3073	2331	UGA	10	3338IGL	
1158	PINEY O&G CO	526	LAWSON, H L	PIKE	2750FNL 350FML 5 NB4	995	3199	2547	GAS	0	3410H1U	
1160	PINEY O&G CO	530	HATCHER, JAMES	PIKE	2150FNL1200FML 4 NB4	829	3030	2323	GAS	0	3410H1U	
1161	PINEY O&G CO	8	HATCHER, JAMES 577	PIKE	2600FNL 600FEL 4 NB4	790	3062	2300	GAS	0	3410H1U	
1162	PINEY O&G CO	549	HATCHER, JAMES	PIKE	1850FNL1800FEL 3 NB4		3085	2322	GAS	0	3410H1U	
1164	FRED P HURT & JONA	1	CLARK, WILLIAM	PIKE	2600FNL1250FEL 2 NB4	780	3102	2304	GAS	10	3410H1U	
1165	KY WEST VA GAS	5724	CLARK, MATILDA	PIKE	2900FNL1850FEL 1 NB4	807	3170	2338	UGA	10		
1166	MANFIELD NAT GAS	5104	PIKE FLUID COAL LU	PIKE	675FNL 300FEL 9 NB3	845	3007	2253	GAS	0	3410H1U	
1168	HATCHER, JAMES	1	SCALF, ALICE	PIKE	1400FNL1700FML10 NB3		2979	2237	GAS	10	3410H1U	
1174	PINEY O&G CO		HATCHER, JAMES	PIKE	2000FNL 250FML 7 NB4	1091	3200	2509	GAS	0	3410H1U	
1175	PINEY O&G CO	2	HATCHER, JAMES 540	PIKE	800FSL1000FML 4 NB4		3145	2378	GAS	0	3410H1U	
1176	PINEY O&G CO		HATCHER, JAMES 578	PIKE	100FSL1900FEL 4 NB4	929	4247	2448	GAS	10	3410H1U	
1177	PINEY O&G CO	558	HATCHER, JAMES	PIKE	850FSL 800FML 3 NB4		3168	2375	GAS	0	3410H1U	
1178	PINEY O&G CO	557	HATCHER, JAMES	PIKE	25FSL2400FEL 3 NB4	929	3501	2465	GAS	0	3410H1U	
1182	UNITED CARBON CO		WEDDINGTON, BALLAN	PIKE	1300FNL1500FEL 9 NB4	873	3208	2424	GAS	0	3410H1U	
1183	KY WEST VA GAS	895	SVCK, LAN W	PIKE	275FNL1400FEL10 NB4	853	3158	2424	GAS	0	3410H1U	
1184	UNITED FUEL GAS CO	9398	PIKE FLUID COAL CO	PIKE	1275FSL1000FEL 9 NB3	886	3054	2305	GAS	0	3410H1U	

MAP NO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TO	UREA	PERM	CMPL	IP	PAT
1185	INLAND GAS CORP	199	LESLIE, HELEN	PIKE	2950FSL1400FNL 6 M84	3480	2707		GAS		0	3410H10
1186	UNITED CARBON CO	1	DEURY, M J	PIKE	2150FSL1900FEL 7 M84	3135	2358		GAS		0	3410H10
1187	KILEY, R E		WEDDINGTON, B MRS	PIKE	2750FNL 50FEL 8 M84	1087	3489	2624	GAS			3398REA
1188	KILEY, R E		WEDDINGTON, BALLAR	PIKE	2900FNL2250FNL 9 M84	920	3233	2462	GAS		112	3410H10
1190	KILEY, R E	8	WEDDINGTON, BALLAR	PIKE	2000FSL 700FEL 9 M84	1404	3782	2988	GAS		0	3410H10
1191	KILEY, R E		WEDDINGTON, BALLAR	PIKE	2800FNL 950FNL10 M84	979	2762	2531	GAS		0	33381GL
1193	UNITED CARBON CO		HOONE, MAJURIE ST	PIKE	1900FNL 50FEL10 M84	962	3377	2565	GAS		0	3410H10
1194	LOLUMBIAN FUEL COR	1341	SCOTT, J B ETAL	PIKE	2200FSL1500FEL10 M84	770	3285	2468	GAS		0	3410H10
1195	KY WEST VA GAS	5842	STUMP, A J	PIKE	1475FSL 300FEL10 M84	971	3393	2590	GAS		0	3410H10
1196	INLAND GAS CORP		LESLIE, HELEN	PIKE	2000FNL1300FNL11 M83	677	2854	2115	GAS		0	3410H10
1197	UNITED CARBON CO	2	MULLINS, NUAH	PIKE	1800FNL1000FNL15 M84		3071	2297	GAS			3410H10
1198	UNITED CARBON CO		BLANKENSHIP, G M	PIKE	300FSL 500FNL 7 M84		3056	2282	GAS		0	3410H10
1199	UNITED CARBON CO		NUMERY, GEORGE	PIKE	1700FNL 950FNL14 M84		2996	2225	UOL		10	3410H10
1200	UNITED CARBON CO	2	DEURY, WM J	PIKE	1800FNL 400FNL13 M84		3114	2335	GAS		0	3410H10
1201	UNITED CARBON CO	506	EVANS, SUSAN B	PIKE	400FSL1500FEL 8 M84	905	3250	2465	GAS		0	3410H10
1202	HURT, FRED & SONS		KATLIFE, JOHN	PIKE	1800FNL1500FEL13 M84		3370	2203	GAS		0	3410H10
1203	HURT, FRED & SONS		GILLUM, G L	PIKE	1500FNL1800FNL12 M84		3240	2450	GAS		0	3410H10
1204	HURT, FRED P		LEVINGER, WILLIAM	PIKE	2500FNL 800FEL12 M84	864	3250	2431	GAS		0	3410H10
1206	KY WEST VA GAS CO	5934	MCGUIRE, THUS	PIKE	2500FNL2000FEL11 M84	1135	3510	2693	DEA		10	
1207	PINEY OIL CO		LAWNS MRS	PIKE	2200FSL 300FEL13 M83	797	2897	2193	GAS		0	3410H10
1208	UNITED CARBON CO		MEYERS, ANGIE	PIKE	750FSL1800FNL12 M83	662	3806	2055	GAS			3410H10
1209	WARFIELD NAT GAS	4299	PIKE-FLOYD COAL CO	PIKE	2500FSL1100FEL12 M83		2955	2175	GAS		0	3410H10
1210	UNITED CARBON CO		IGKEEN, ETHEL	PIKE	900FNL1100FEL12 M83	677	2850	2120	GAS		0	3410H10
1211	UNITED CARBON CO		MARNS, JENNIE	PIKE	1400FSL 450FNL11 M83		2976	2200	GAS		0	3410H10
1212	UNITED CARBON CO	1	LESLIE, J H	PIKE	2100FSL1700FNL11 M83	693	2944	2202	GAS		0	3410H10
1213	WARFIELD NAT GAS C	4342	WEDDINGTON, NUHA	PIKE	2800FNL1700FEL11 M83		2919	2130	GAS		0	3410H10
1214	UNITED CARBON CO		CULEMAN, JOHN	PIKE	2700FSL1500FEL11 M83		2538	2150	GAS		0	3410H10
1215	UNITED CARBON CO		SMITH, LILLIE	PIKE	1500FSL2200FEL11 M83		2887	2130	GAS		10	3410H10
1216	HIVELY, DR ETAL		BENTLEY, J A	PIKE	1150FSL1700FNL11 M83		2864	2058	GAS		0	3410H10
1217	UNITED CARBON CO	1	CULEMAN, G M	PIKE	600FSL1800FEL11 M83		2934	2173	GAS		0	3410H10
1218	UNITED CARBON CO		MULLINS, NUAH	PIKE	1775FSL 150FEL11 M83	657	2901	2145	GAS		0	3410H10
1219	UNITED CARBON CO		MULLINS, NUAH	PIKE	2950FSL 200FNL15 M84	657	2884	2130	GAS		0	3410H10
1220	NEWMAN, M J		HARP, GEORGE B	PIKE	1200FSL1250FNL15 M84		2996	2242	GAS		0	3410H10
1221	HURT, J P & SUN		STRATTON, P B	PIKE	1500FSL 850FEL15 M84		3034	2247	GAS		0	3410H10
1222	UNITED CARBON CO	4	WEDDINGTON, BALLAR	PIKE	1500FSL2150FEL14 M84		2918	2406	GAS		112	3410H10
1223	PIKE GAS CO		KATLIFE, MRS	PIKE	400FSL 600FEL15 M84		2946	2192	GAS		0	3410H10
1224	UNITED CARBON CO	5	WEDDINGTON, BALLAR	PIKE	200FSL 500FNL15 M84		3314	2547	GAS		10	3410H10
1225	UNITED CARBON CO	3	WEDDINGTON, BALLAR	PIKE	2600FSL1000FNL13 M84		3257	2455	GAS		0	3410H10
1226	HURT, FRED & SONS		STEWART, JOHN	PIKE	1375FSL2400FEL13 M84	1091	3432	2615	GAS		0	3410H10
1227	UNITED FUEL GAS CO	8076	WEDDINGTON, BALLAR	PIKE	500FSL2400FEL13 M84	880	3212	2451	GAS		10	3410H10
1229	HURT, FRED P		CLEVENGER, WM	PIKE	2150FSL2000FNL12 M84	767	3148	2330	GAS		0	3410H10
1230	HURT, FRED P & SUN		BUNCH, ROBERT	PIKE	500FSL2100FNL12 M84		3140	2327	GAS		26	3410H10
1231	KY WEST VA GAS CO	5925	LEE, L T	PIKE	650FSL 550FEL12 M84	980	3346	2535	GAS		0	3410H10

WELL NO	OPERATOR	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
1232	HURT, FRED P & SON	BURNETT, A C	PIKE	2100FSL1000FML11 M84		3471	2640		GAS	0	3410H10
1234	KY WEST VA GAS CO	5907 PRIEST, GEU	PIKE	1500FSL 900FEL11 M84	1041	3420	2595		GAS	0	3410H10
1235	KY WEST VA GAS CO	5914 GILLIAM, MAT	PIKE	600FSL1950FML11 M84	889	3297	2445		GAS	10	3410H10
1235	PINEY OIL CO	LAW'S HKS	PIKE	2200FNL 800FEL18 M83		2753	2038		GAS	0	3410H10
1236	UNITED CARBON CO	DAMKON, LUGAN	PIKE	2800FNL2300FEL18 M83	835	2958	2242		GAS	0	3410H10
1237	PRESTONBURG GAS C	1 HATHEN HKS	PIKE	1200FNL1600FML19 M83		2839	2120		GAS	10	3410H10
1238	PINEY OIL CO	LAW'S HKS	PIKE	2650FNL1650FEL19 M83		3310	2574		GAS	0	3410H10
1239	UNITED CARBON CO	2 MARKS, JENNIE	PIKE	700FNL 900FEL19 M83	661	2843	2099		GAS	0	3410H10
1240	UNITED CARBON CO	3 MARKS, JENNIE	PIKE	500FNL 25FEL19 M83	657	2823	2062		GAS	0	3410H10
1241	UNITED CARBON CO	383 LOWE, U R	PIKE	150FNL1550FML20 M83	657	2294	2105		GAS	0	3410H10
1242	UNITED CARBON CO	LOWE, J F	PIKE	2000FNL1100FML20 M83	688	2895	2152		GAS	0	3410H10
1243	PARAMOUNT NAT GAS C	MULLINS, NOAH	PIKE	500FNL1500FEL20 M83		3082	2283		GAS	0	3410H10
1244	PARAMOUNT NAT GAS	WAGNER, BRUCE	PIKE	2350FNL 25FML16 M84		2890	2255		GAS	26	3410H10
1245	STUMBU, DR M L ETA	NEWINGTON, B & J	PIKE	2125FNL2200FML16 M84		2931	2172		GAS	0	3410H10
1246	UNITED CARBON CO	4 NEWINGTON, B & J	PIKE	2700FNL1700FEL16 M84	725	3015	2250		GAS	0	3410H10
1247	JALOB'S & WILLIAMS	1 NEWINGTON, CRIB	PIKE	1725FNL2000FEL16 M84	640	3185	2280		GAS	0	3410H10
1248	UNITED CARBON CO	LOWE, ANNIE	PIKE	300FNL2200FEL16 M84	665	2958	2195		GAS	0	3410H10
1250	UNITED FUEL GAS CO	8201 WILLIAMSON, I	PIKE	1000FNL 500FEL18 M84	1036	3306	2610		GAS	10	3410H10
1251	UNITED CARBON CO	2 NIMMS, MARTIN	PIKE	2050FNL2000FML19 M84	1241	3598	2827		GAS	0	3410H10
1252	UNITED CARBON CO	6 WEDDINGTON, B & J	PIKE	1500FNL 900FML20 M84	1096	3512	2721		GAS	0	3410H10
1253	UNITED CARBON CO	KATLIFF, JASON	PIKE	1500FSL1500FML19 M83	636	2784	2064		GAS	0	3410H10
1255	ALENT OIL CO	1 NIMS, A C	PIKE	700FSL 300FEL19 M83		2852	2105		GAS	0	3410H10
1256	UNITED CARBON CO	2 LOWE, J S	PIKE	2200FSL2200FEL20 M83		2955	2236		GAS	0	3410H10
1257	UNITED CARBON CO	KATLIFF HKS	PIKE	100FNL2100FEL25 M84	697	2972	2210		GAS	0	3410H10
1258	UNITED FUEL GAS CO	4516 CHILDERS, J E	PIKE	150FNL 525FML24 M84	670	3027	2180		GAS	0	3410H10
1259	ELLIOTT, M E	CHILDERS, J E HKS	PIKE	2450FSL1300FML17 M84	1000	2890	2391		GAS	0	3410H10
1260	UNITED CARBON CO	KATLIFF, V D	PIKE	250FSL1200FEL17 M84	1228	3550	2763		GAS	0	3410H10
1261	UNITED CARBON CO	1 KATLIFF, MILLARD	PIKE	2700FSL 400FEL17 M84	1237	3591	2805		GAS	0	3410H10
1262	UNITED CARBON CO	3 WEDDINGTON, B & J	PIKE	2500FSL2200FML18 M84		3015	2246		GAS	0	3410H10
1263	UNITED CARBON CO	1 WEDDINGTON, B & J	PIKE	200FSL1400FML18 M84		3020	2230		GAS	0	3410H10
1264	UNITED CARBON CO	M NIMS, MARTIN	PIKE	2500FSL 300FEL18 M84	864	3221	2435		GAS	0	3410H10
1265	UNITED CARBON CO	7 WEDDINGTON, B & J	PIKE	800FSL1500FEL19 M84	761	3153	2360		GAS	0	3410H10
1266	UNITED CARBON CO	WEDDINGTON, B	PIKE	450FSL2350FEL20 M84	845	3294	2474		GAS	0	3410H10
1267	UNITED CARBON CO	7 WEDDINGTON, BALLAN	PIKE	2600FSL 500FEL20 M84	1340	3793	2989		GAS	0	3410H10
1268	UNITED CARBON CO	1 TACKETT, PRESTON	PIKE	700FNL 900FML22 M83		2833	2112		GAS	0	3410H10
1269	UNITED CARBON CO	1 DAMKON, AUKER	PIKE	2000FSL1300FEL23 M83	880	3016	2298		GAS	0	3410H10
1270	UNITED CARBON CO	RATLIFF, JAMES	PIKE	1550FNL2400FEL22 M83	744	2909	2185		GAS	0	3410H10
1271	ALENT OIL CO	DAMKON, K S	PIKE	2700FSL1600FML22 M83		2994	2270		GAS	0	3410H10
1272	UNITED CARBON CO	STEPHENS, JOHN L	PIKE	2300FNL 300FEL21 M83	931	3145	2390		GAS	0	3410H10
1274	UNITED CARBON CO	1 LESLIE, E	PIKE	1400FNL2150FML24 M84		3000	2222		GAS	0	3410H10
1275	SCOTT, FRANK ETAL	SCOTT, J A	PIKE	2200FNL 500FEL24 M84		3015	2233		GAS	10	3410H10
1276	UNITED CARBON CO	972 STEELE, M M	PIKE	2500FSL1400FEL24 M84		3089	2339		GAS	10	3410H10
1277	UNITED CARBON CO	2 WEDDINGTON, B & J	PIKE	1700FNL 650FML23 M84		3007	2205		GAS	0	3410H10

MAP NO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
1278	UNITED CARBON CO		CASSADY, J M	PIKE	2600FSL2200FEL23 M84	664	3055	2248	GAS		0	3410HIU
1279	UNITED CARBON CO		WEDDINGTON, B & J	PIKE	1600FNL 650FEL23 M84		3034	2271	GAS		0	3410HIU
1280	LINDSEY, W M		FENHELL, K M	PIKE	2500FNL2100FNL22 M84		3222	2392	GAS		0	3410HIU
1281	UNITED CARBON CO	1034	WEDDINGTON, BALLAN	PIKE	2500FSL1200FEL22 M84	688	3103	2308	GAS		0	3410HIU
1282	UNITED CARBON CO		1 WEDDINGTON, BALLAN	PIKE	2100FNL1850FNL21 M84	731	3190	2380	GAS		0	3410HIU
1286	SMITH, U M		1 STEELE, WM	PIKE	1250FSL1100FNL23 M84		3018	2263	GAS		10	3410HIU
1287	UNITED CARBON CO		CASSADY, J M	PIKE	2000FSL 600FEL23 M84	662	3053	2256	GAS		0	3410HIU
1288	MURDEN, R H ETAL		PHILLIPS, GRANT ET	PIKE	1000FSL1500FEL23 M84	3079	3079	2290	GAS		0	3410HIU
1289	UNITED CARBON CO		WEDDINGTON, B	PIKE	1250FSL1050FNL22 M84	647	3042	2248	GAS		0	3410HIU
1290	LINDSEY, W M ETAL		ROME, T C	PIKE	800FSL 350FEL22 M84		3226	2413	GAS		10	3410HIU
1291	LINDSEY, W M ETAL		EDMUNDS, YARD	PIKE	10FSL1650FNL21 M84	834	3264	2420	GAS		0	3410HIU
1292	LINDSEY, W M ETAL		WELLS, W K	PIKE	500FSL 400FEL21 M84		3324	2502	GAS		0	3410HIU
1298	UNITED FUEL GAS CO	9038	KENTLAND COAL	PIKE	450FSL1825FNL 2 L89	1447	5050	3802	GAS		25	3410HIU
1299	UNITED FUEL GAS CO	8893	KENTLAND COAL	PIKE	1900FSL2300FNL 1 L89	1295	4850	3640	SEA		0	
1301	UNITED FUEL GAS CO	8315	KENTLAND COAL	PIKE	1775FSL 350FNL 4 L90	1301	5373	3641	GAS		0	3410HIU
1303	UNITED FUEL GAS CO	9039	KENTLAND COAL	PIKE	2800FSL1200FNL 9 L89	1484	3941	3867	GAS		18	3338BREA
1304	UNITED FUEL GAS	9035	BLANKENSHIP, J	PIKE	10FNL 175FEL 9 L89	1272	4787	3640	GAS			3410HIU
1305	UNITED FUEL GAS CO	8798	LITZ, GEO W	PIKE	600FNL 400FEL10 L89	1338	4884	3647	GAS			3410HIU
1309	UNITED FUEL GAS CO	8297	LITZ, GEO W EST	PIKE	1100FNL1600FEL 7 L90	1005	5115	2337	GAS			3410HIU
1310	UNITED FUEL GAS CO	9577	BERNARD CORP	PIKE	700FNL2300FEL11 L89	1302	3711	3650	SEA		0	
1311	COLUMBIAN FUEL CO	1436	MURLEY, BARBARA	PIKE	1750FNL1700FNL15 L90	1440	5054	3760	SEA		0	
1313	UNITED FUEL GAS CO	9318	FLETCHER, VICTORIA	PIKE	2200FNL 500FNL 5 L88	1462	3870	3710	GAS			3398BREA
1314	UNITED FUEL GAS CO	9317	FLETCHER, VICTORIA	PIKE	1200FNL1400FEL 5 L88	1595	3990	3837	GAS			3398BREA
1315	CITIES SKV OIL CO	1534	WATSON, J L	PIKE	400FSL 400FNL 5 L88	1575	3949	3810	GAS		10	3398BREA
1316	CITIES SKV OIL CO	1463	SMITH, SCOTT	PIKE	1700FSL1800FEL 5 L88	1470	3840	3710	GAS		10	3398BREA
1317	UNITED FUEL GAS CO	9316	KENTLAND COAL & CO	PIKE	50FNL1800FNL 4 L88	2132	4538	4392	GAS		0	3398BREA
1318	UNITED FUEL GAS CO	9135	KENTLAND COAL	PIKE	2750FNL 500FEL 4 L88	1693	4125	3991	GAS		0	3398BREA
1319	UNITED FUEL GAS CO	9296	KENTLAND COAL & CO	PIKE	800FSL1000FEL 4 L88	1457	3904	3760	GAS			3398BREA
1320	COLUMBIA GAS TRANS	20549	KENTLAND CO	PIKE	950FSL 700FEL 4 L88	1333	5151	3654	GAS		0	3410HIU
1321	UNITED FUEL GAS CO	9192	KENTLAND COAL	PIKE	1750FSL1600FEL 3 L88	1249	3692	3563	GAS		10	3398BREA
1322	UNITED FUEL GAS CO	9024	WATSON, CARL B	PIKE	1500FNL 300FNL 2 L88	1440	3865	3735	GAS		0	3398BREA
1323	UNITED FUEL GAS CO	9134	WATSON, K M	PIKE	1000FSL1000FEL 2 L88	1085	3520	3400	GAS		0	3398BREA
1324	UNITED FUEL GAS CO	8890	KENTLAND COAL & CO	PIKE	2500FNL 900FEL 2 L88	1018	4600	3318	GAS		0	3410HIU
1325	UNITED FUEL GAS CO	8898	KENTLAND COAL CO	PIKE	100FSL 200FEL 2 L88	1057	4775	3357	GAS		0	3410HIU
1326	UNITED FUEL GAS CO	8891	KENTLAND COAL	PIKE	2500FSL1700FNL 1 L88	1188	4792	3470	GAS		28	3410HIU
1327	UNITED FUEL GAS CO	8831	KENTLAND CO	PIKE	500FNL 200FEL 1 L88	958	3320	3243	GAS		10	3398BREA
1328	UNITED FUEL GAS CO	8886	KENTLAND CO	PIKE	1800FSL 600FNL 5 L89	1456	5006	3733	GAS		358	3410HIU
1329	UNITED FUEL GAS CO	8894	KENTLAND CO	PIKE	2300FNL1900FEL 5 L89	1342	4800	3645	GAS		0	3398BREA
1330	UNITED FUEL GAS CO	9071	KENTLAND CO	PIKE	500FSL1600FEL 5 L89	1439	3843	3748	GAS		0	3398BREA
1331	COLUMBIA GAS TRANS	20454	KENTLAND CO	PIKE	2500FSL 900FNL 4 L89	1134	3542	3455	GAS		119	3398BREA
1332	COLUMBIA GAS TRANS	20455	KENTLAND CO	PIKE	2350FNL1175FEL 4 L89	923	3293	3223	GAS		0	3398BREA
1333	WAKFIELD NAT GAS C	4382	KENTLAND COAL & CO	PIKE	350FSL 100FEL 4 L89		4888	3266	GAS		0	3410HIU
1334	UNITED FUEL GAS CO	9261	KENTLAND COAL & CO	PIKE	900FNL1100FNL 6 L88	1820	4253	4099	GAS		16	3398BREA

WELL NO	OPERATOR	FARM NAME	COUNTY	LOCATION	ELEV	TD	BEREA	PERM	CHPL	IP	PAT
1335	COLUMBIAN FUEL COR	1458 DOTSON, J L	PIKE	1800FSL2400FNL 6 L88	1505	3946	3802		GAS	0	33YBREA
1336	CITIES SWY OIL CO	1464 DOTSON, J L	PIKE	1900FNL 700FEL 6 L88	1686	4119	3988		GAS	0	33YBREA
1337	UNITED FUEL GAS CO	9297 KENTLAND COAL & CO	PIKE	1700FNL1900FEL 7 L88	1712	4164	4028		GAS	24	33YBREA
1338	UNITED FUEL GAS CO	9299 KEYNOLDS, ANDY	PIKE	1150FSL1800FEL 7 L88	2160	4612	4475		GAS	10	33YBREA
1339	UNITED FUEL GAS CO	9300 SMITH, ELI ETAL	PIKE	2500FSL1300FNL 8 L88	1573	3985	3855		GAS		33YBREA
1340	UNITED FUEL GAS CO	9017 KENTLAND COAL & CO	PIKE	2200FNL 300FEL 8 L88	1667	4098	3975		GAS	0	33YBREA
1341	UNITED FUEL GAS CO	8377 KENTLAND COAL CO	PIKE	1900FSL1600FNL 9 L88	1166	5010	3450		GAS	33	3410H1U
1342	UNITED FUEL GAS CO	8899 KENTLAND COAL CO	PIKE	2200FNL 400FEL 9 L88	1168	3578	3452		GAS	10	33YBREA
1343	UNITED FUEL GAS CO	9189 KENTLAND CO	PIKE	425FSL 600FNL10 L88	1453	3891	3789		GAS	0	33YBREA
1344	UNITED FUEL GAS CO	9190 KENTLAND COAL CO	PIKE	1300FNL2300FEL10 L88	1365	3755	3650		GAS	10	33YBREA
1345	UNITED FUEL GAS CO	9043 SMITH, CLARENCE ET	PIKE	2000FNL 700FEL10 L88	1444	3880	3783		GAS	0	33YBREA
1346	UNITED FUEL GAS CO	9040 KENTLAND COAL	PIKE	400FSL 875FEL 6 L89	2044	4453	4373		GAS	26	33YBREA
1347	UNITED FUEL GAS CO	9036 KENTLAND COAL & CO	PIKE	2150FSL2000FNL 7 L89	1352	3752	3660		GAS	0	33YBREA
1349	COLUMBIAN FUEL COR	1449 CHESAPEAKE MINERAL	PIKE	2000FNL 100FNL15 L88		4998	3906		GAS	10	3410H1U
1350	UNITED FUEL GAS CO	9179 KENTLAND COAL	PIKE	2800FNL2300FEL13 L88	1736	4208	4050		GAS	0	33YBREA
1351	UNITED FUEL GAS CO	8671 KENTLAND COAL	PIKE	400FNL 200FEL15 L88	1656	4128	3972		GAS	10	33YBREA
1352	UNITED FUEL GAS CO	8827 KENTLAND COAL	PIKE	900FSL2150FEL14 L88	1286	4695	3590		GAS	10	3410H1U
1353	UNITED FUEL GAS CO	9346 KENTLAND CO	PIKE	2800FSL1200FNL13 L88	1759	4205	4078		GAS		33YBREA
1354	COLUMBIA GAS TRANS	9792 THE KENTLAND CO	PIKE	4500FNL2320FEL13 L88	1914	5695	4216		GAS	73	33YBREA
1355	UNITED FUEL GAS CO	9330	PIKE	900FSL 500FEL13 L88	1939	4368	4251		GAS	0	33YBREA
1356	UNITED FUEL GAS CO	9262 SMITH, MARTHA ETAL	PIKE	1800FNL 50FNL12 L88	1439	3855	3740		GAS	0	33YBREA
1357	UNITED FUEL GAS CO	9118 KENTLAND COAL	PIKE	2900FSL1700FEL12 L88	1455	3918	3808		GAS	0	33YBREA
1358	UNITED FUEL GAS CO	9075 KENTLAND CO	PIKE	2600FSL1900FNL11 L88	2258	4727	4617		GAS	21	33YBREA
1359	UNITED FUEL GAS CO	9041 KENTLAND COAL	PIKE	400FNL 300FEL11 L88	1816	4216	4127		GAS	622	33YBREA
1360	COLUMBIA GAS TRANS	9768	PIKE	100FSL 400FEL11 L88	1506	3932	3786		GAS	10	33YBREA
1361	COLUMBIA GAS TRANS	20247 KENTLAND CO	PIKE	2900FSL2880FEL15 L89	1289	3713	3610	Coal	GAS	10	33YBREA
1362	COLUMBIA GAS TRANS	20335 KENTLAND CO	PIKE	1200FSL2000FEL15 L89	1214	3700	3578		GAS	0	333BIGL
1364	UNITED FUEL GAS CO	8467 KENTLAND COAL CO	PIKE	2850FNL 50FEL14 L89	1111	4775	3480		GAS	0	3410H1U
1366	UNITED FUEL GAS CO	9178 KENTLAND CO	PIKE	400FNL1900FEL16 L88	1114	3570	3425		GAS	10	33YBREA
1367	UNITED FUEL GAS CO	8921 KENTLAND CO	PIKE	1850FSL1900FNL16 L88	1022	4433	2285		GAS	10	3410H1U
1368	UNITED FUEL GAS CO	8784 KENTLAND CO	PIKE	1800FNL1200FNL17 L88	1070	4370	3403		GAS	0	3410H1U
1369	UNITED FUEL GAS CO	8783 KENTLAND CO	PIKE	1600FSL2100FNL17 L88	961	4781	3283		GAS	158	3410H1U
1370	UNITED FUEL GAS CO	9347 KENTLAND CO	PIKE	1800FNL 900FNL18 L88	1963	4364	4285		GAS	1455	33YBREA
1371	UNITED FUEL GAS CO	8828 KENTLAND CO	PIKE	800FSL 800FNL18 L88	1075	4448	3424		GAS	10	3410H1U
1372	UNITED FUEL GAS CO	8999 KENTLAND CO	PIKE	2800FSL 900FEL18 L88	1151	4591	3465		GAS	0	3410H1U
1373	UNITED FUEL GAS CO	9099 KENTLAND COAL	PIKE	900FNL1600FEL19 L88	1442	3918	3798		GAS	0	33YBREA
1374	UNITED FUEL GAS CO	9000 KENTLAND CO	PIKE	2500FSL1250FEL19 L88	1335	4703	3690		GAS	0	33CKVCF
1375	UNITED FUEL GAS CO	9119 KENTLAND COAL	PIKE	2100FNL1750FNL20 L88	1634	4093	3987		GAS	0	33YBREA
1376	UNITED FUEL GAS CO	9477 KENTLAND COAL CO	PIKE	800FSL 300FNL16 L89	1464	3948	3862	Coal	WCA	21	
1380	UNITED FUEL GAS CO	4521 KENTLAND COAL	PIKE	1300FNL2200FNL25 L88	895	3297	3206		GAS	10	33YBREA
1380	HOME OIL & GAS CO	4521 KENTLAND CO	PIKE	1300FNL2200FNL25 L88	895	5170	3206		GAS	10	3410H1U
1381	UNITED FUEL GAS CO	9272 KENTLAND COAL	PIKE	1500FSL2400FEL25 L88	1214	3689	3550		GAS	10	33YBREA
1382	UNITED FUEL GAS CO	8785 KENTLAND COAL	PIKE	800FNL 25FEL25 L88	903	6145	3240		GAS	0	3410H1U

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
1383	UNITED FUEL GAS CO	9440	KENTLAND CO	PIKE	2375FNL1700FNL24	L88	1228	3727	3587		GAS	15 3398REA
1384	UNITED FUEL GAS CO	9327	KENTLAND COAL & CO	PIKE	2300FNL 700FNL23	L88	1450	3953	3830		GAS	10 3398REA
1385	KY WEST VA GAS CO	8603	MILLER, E H	PIKE	625FSL 700FEL23	L88	1556	5050	3929		GAS	26 3410H10
1386	UNITED FUEL GAS CO	9001	KENTLAND COAL	PIKE	1400FNL1200FEL25	L88	1437	3930	3808		GAS	0 3398REA
1387	UNITED FUEL GAS CO	8963	KENTLAND CO 163	PIKE	150FNL2000FNL22	L88	1398	3892	3785		GAS	10 3398REA
1388	UNITED FUEL GAS CO	9188	KENTLAND COAL	PIKE	2500FSL2250FEL22	L88	1559	4038	3935		GAS	0 3398REA
1389	UNITED FUEL GAS CO	9100	KENTLAND COAL	PIKE	25FNL 500FNL21	L88	2173	4651	4548		GAS	10 3398REA
1390	UNITED FUEL GAS CO	9393	KENTLAND CO	PIKE	2500FNL1900FEL21	L88	2134	4602	4530		GAS	0 332KVLFC
1391	UNITED FUEL GAS CO	9411	KENTLAND CO	PIKE	200FSL1500FEL21	L88	1431	3916	3835		GAS	15 3398REA
1392	UNITED FUEL GAS CO	9413	ROME, JACKSON	PIKE	150FNL 500FEL 5	K88	1334	3848	3710	40.1	GAS	10 3398REA
1393	UNITED FUEL GAS CO	9414	ROME, JACKSON	PIKE	2700FSL1150FEL 5	K88	986	3525	3384		GAS	189 3398REA
1394	UNITED FUEL GAS CO	9329	KENTLAND COAL	PIKE	2600FNL2300FEL 4	K88	1377	3915	3785		GAS	10 3398REA
1395	UNITED FUEL GAS CO	9328	KENTLAND COAL	PIKE	50FNL1400FEL 4	K88	1508	3988	3867		GAS	0 3398REA
1396	UNITED FUEL GAS CO	9391	KENTLAND COAL	PIKE	50FNL1650FNL 7	K88	927	3447	3315		GAS	189 3398REA
1397	KY WEST VA GAS CO	6919	MILLER, E J	PIKE	25FNL2100FEL 7	K88	1072	3581	3461		GAS	3398REA
1398	ASHLAND OIL & REFI	9613	COLUMBIA COAL & COKE	PIKE	500FSL 950FEL 4	K88	1117	3588	2470		GAS	10 3398REA
1399	UNITED FUEL GAS CO	9520	BERWIND CURP	PIKE	1700FNL 400FNL 3	K88	1239	3733	3608		DLA	0
1400	ASHLAND OIL & REFI		COLUMBIA COAL & COKE	PIKE	2450FSL 500FNL 3	K88	1147	3638	3504		GAS	130 3398REA
1401	UNITED FUEL GAS CO	9331	KENTLAND COAL	PIKE	1900FNL2200FEL 3	K88	1444	3945	3836		GAS	0 3398REA
1402	UNITED FUEL GAS CO	9367	WHITT, O M	PIKE	1200FSL2200FEL 3	K88	1277	3762	3647		GAS	0 3398REA
1403	UNITED FUEL GAS CO	9256	KENTLAND CO	PIKE	1600FNL 750FNL 2	K88	1434	3929	3819		GAS	10 3398REA
1404	UNITED FUEL GAS CO	9412	WHITT, MALCOLM	PIKE	1400FSL 400FNL 2	K88	1139	3687	3558		GAS	10 3398REA
1405	UNITED FUEL GAS CO	9426	KENTLAND CO	PIKE	800FSL1900FEL 2	K88	1405	3902	3805		GAS	112 3398REA
1406	ASHLAND OIL & REFI			PIKE	2600FNL 400FEL 2	K88	1197	3755	3652		GAS	31 3398REA
1407	ASHLAND OIL & REFI		COLUMBIA COAL & COKE	PIKE	200FSL 450FNL 1	K88	1324	3849	3780		GAS	18 3398REA
1408	UNITED FUEL GAS CO	9425	ROME, JACKSON	PIKE	900FNL1700FNL 6	K88	1063	3583	3438		GAS	10 3398REA
1409	UNITED FUEL GAS CO	9439	ROME, JACKSON	PIKE	2800FSL1100FEL 6	K88	1306	3816	3683		GAS	42 3398REA
1410	UNITED FUEL GAS CO	9450	ROME, JACKSON	PIKE	800FSL2200FEL 7	K88	1208	3748	3633		GAS	10 3398REA
1411	UNITED FUEL GAS CO	9392	KENTLAND COAL	PIKE	1900FNL 500FEL 7	K88	1121	3616	3485		GAS	10 3398REA
1412	UNITED FUEL GAS CO	9389	KENTLAND CO	PIKE	200FSL 200FEL 7	K88	1325	3844	3720		GAS	10 3398REA
1413	COLUMBIA GAS TRANS	20688	FULLER, W M ETAL	PIKE	1250FNL1825FNL 8	K88	1096	3584	3552	40.1	GAS	30 3398REA
1414	UNITED FUEL GAS CO	9442	BLAIR, OSCAR	PIKE	2750FSL 700FEL 8	K88	1161	3628	3532		GAS	40 3398REA
1415	ASHLAND OIL & REFI		COLUMBIA COAL & COKE	PIKE	2350FSL1200FNL 9	K88	1258	3727	3665		GAS	3398REA
1416	KY WEST VA GAS CO	6993	KEEN, MARION	PIKE	800FNL1900FNL 9	K88	1443	3976	3858		GAS	3398REA
1417	KY WEST VA GAS CO	6942	KEEN, JAMES	PIKE	2600FNL1600FEL 9	K88	1514	4007	3901		GAS	3398REA
1419	UNITED FUEL GAS CO	9505	FLANNERY, NIKITIE	PIKE	400FNL1800FNL15	K88	1114	3620	3491		GAS	10 3398REA
1420	UNITED FUEL GAS CO	9476	HATCHER, JAMES	PIKE	1200FNL 900FNL14	K88	1414	3943	3822		GAS	10 3398REA
1421	COLUMBIA GAS TRANS	9696	KENTLAND CO 226	PIKE	2975FNL 900FEL13	K88	1215	4930	3592		GAS	18 3398REA
1422	UNITED FUEL GAS CO	9424	TRUNKBERRY, JAMES	PIKE	300FNL 700FEL13	K88	1281	3774	3686		GAS	0 3398REA
1423	COLUMBIA GAS TRANS	20252	TRUNKBERRY, JAMES	PIKE	2975FNL 900FEL13	K88	1215	3736	3605	40.1	GAS	30 3398REA
1424	KY WEST VA GAS CO	766	CLINE, J S	PIKE	500FNL2000FEL 5	L85	919	3411	2585		GAS	10 3410H10
1425	ELLIOT, LINDSEY ET		CHILDERS, A F	PIKE	2950FSL1200FNL 5	L85		3272	2432		DLA	0
1426	KY WEST VA GAS CO	879	CLINE, J S	PIKE	2200FNL 350FEL 5	L85	996	3547	2710		GAS	0 3410H10

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TU	BREA	PERM	CMPL	IP	PAY
1427	KY WEST VA GAS CO	5516	MAYNARD, I J	PIKE	400FNL1500FNL 4 L85	1005	3530	2690	DEA		U	
1428	KY WEST VA GAS CO	5555	MAYNARD, I J	PIKE	2400FNL1200FEL 4 L85	1045	3589	2731	GAS		10	3410HIU
1429	KY WEST VA GAS CO	5448	GREENVILLE, CHARLE	PIKE	1100FNL1200FEL 3 L85	888	3477	2603	GAS		U	3410HIU
1430	MARFIELD NAT GAS C	5234	COLLINS, A J	PIKE	3000FSL1900FNL 2 L85	1050	3679	2848	GAS			3410HIU
1431	KY WEST VA GAS CO	1257	RICE, FRANCIS	PIKE	400FNL 1700FE 1 L85	1335	4115	3204	GAS		U	3410HIU
1432	COLUMBIAN FUEL CO	1340	KY WEST VA GAS CO	PIKE	1800FNL1400FEL 1 L85	1130	3870	2970	GAS		20	3410HIU
1433	KY WEST VA GAS CO	1246	RICE, FRANCIS L	PIKE	500FNL 100FNL 5 L86	1245	4037	3125	GAS			3410HIU
1434	COLUMBIAN FUEL CO	1259	DESKINS, TROY T	PIKE	1900FNL2000FNL 5 L86	1140	3951	3040	GAS		10	3410HIU
1435	KY WEST VA GAS CO		CHARLES, H G	PIKE	1100FNL 2000FNL 4 L86	1491	4354	3394	GAS		10	3410HIU
1436	KY WEST VA GAS CO	6227	BARTLEY, ELL & BRI	PIKE	2700FNL1800FEL 4 L86	1095	4194	3310	GAS		0	3410HIU
1437	KY WEST VA GAS CO	1352	COLUMBIAN FUEL CO	PIKE	1000FNL 600FEL 4 L86	1438	4297	3350	GAS		10	3410HIU
1438	LINDSEY & ELLIOT		HUFFMAN, T N	PIKE	300FNL 900FNL 6 L85		3673	2845	GAS		U	3410HIU
1439	KY WEST VA GAS CO	760	SYCK, DAN J	PIKE	50FNL 2000FNL 6 L85	1049	3541	2712	GAS		U	3410HIU
1440	KY WEST VA GAS CO	769	SYCK, DAN J	PIKE	1400FSL 600FEL 5 L85	961	3467	2628	GAS		10	3410HIU
1441	KY WEST VA GAS CO	1367	SYCK, DAN J	PIKE	900FNL1200FEL 6 L85	1086	3587	2765	GAS		U	3410HIU
1442	KY WEST VA GAS CO	776	SYCK, DAN J	PIKE	1500FSL1900FNL 4 L85	958	3427	2626	GAS		10	3410HIU
1443	KY WEST VA GAS CO	787	SYCK, DAN J	PIKE	50FSL1750FEL 4 L85	1123	3679	2833	GAS		10	3410HIU
1444	SIGNAL DRG CO		STRATTON, HENRY	PIKE	600FNL 900FNL 8 L85	1199	12454	2944	DEA		U	
1445	KY WEST VA GAS CO	6305	GREEN, CHARLES J	PIKE	650FNL 400FEL 8 L85	1088	3650	2885	DEA		U	
1446	KY WEST VA GAS CO	993	COLLINS, T B	PIKE	2000FSL1400FEL 2 L85	882	3576	2679	DEA		U	
1447	KY WEST VA GAS CO		WHITIS, BEE	PIKE	200FNL1100FNL10 L85	971	3760	2800	GAS		U	3410HIU
1448	COLUMBIAN FUEL CO	1377	GUFF, G W	PIKE	1600FSL2000FEL 1 L85	959	3730	2825	GAS		10	3410HIU
1449	KY WEST VA GAS CO	5902	CHARLES, JOHN C	PIKE	650FNL1700FEL 6 L86	1094	3915	2998	GAS		10	3410HIU
1451	UNITED FUEL GAS CO	6120	LATNE, C F	PIKE	1000FSL 900FNL 3 L86	1346	4251	3295	GAS		U	3410HIU
1452	LINDSEY & ELLIOT		BLACKBURN, SAM	PIKE	1900FNL 1000FNL 6 L85	840	3272	2442	GAS		U	3410HIU
1453	HOLCUMB, ROBERT		PINSUM, BLAKE	PIKE	2100FNL1400FNL 6 L85		3482	2638	GAS		10	3410HIU
1454	KY WEST VA GAS CO	862	WRIGHT, F A	PIKE	2250FSL 350FNL 6 L85	934	2777	2608	GAS		U	3410HIU
1455	KY WEST VA GAS CO	795	SYCK, DAN J	PIKE	2500FSL1500FEL 6 L85		2800	2660	GAS		U	3410HIU
1456	KY WEST VA GAS CO	827	CLINE, J S	PIKE	2450FNL 800FNL 7 L85	975	3511	2690	GAS			3410HIU
1457	KENTUCKY WEST VA G	804	CLINE, J S	PIKE	3000FNL1500FEL 7 L85	1116	3720	2873	GAS		U	3410HIU
1458	KY WEST VA GAS CO	751	CLINE, J S	PIKE	1400FNL2350FEL 9 L85	1276	3985	3105	GAS		U	3410HIU
1459	KY WEST VA GAS CO	756	CLINE, J S	PIKE	1850FNL2350FEL 9 L85	1401	4130	3235	DEA		0	
1461	KY WEST VA GAS CO		GUFF, JOHN M	PIKE	3000FNL 400FEL10 L85	1002	3813	2873	GAS		U	3410HIU
1462	KY WEST VA GAS CO		MURRIS, H R	PIKE	900FNL1000FNL 6 L86	1416	4255	3280	GAS		10	3410HIU
1463	KY WEST VA GAS CO	5868	COLEMAN, JUNATHAN	PIKE	2200FSL2300FEL 6 L86	1221	4043	3175	GAS		10	3410HIU
1464	KY WEST VA GAS CO	5918	CHARLES, H G	PIKE	1900FNL1200FNL 7 L86	1182	4027	3110	GAS		U	3410HIU
1466	KY WEST VA GAS CO	6138	CHARLES, H G	PIKE	2900FSL2400FEL 7 L86	1522	4424	3482	GAS		U	3410HIU
1467	KY WEST VA GAS CO	5783	ROBINSON, R E	PIKE	400FNL1000FNL15 L85	888	3390	2550	GAS		U	3410HIU
1468	KY WEST VA GAS CO	873	JUST, JOHN M	PIKE	400FSL2100FEL 6 L85	992	3506	2655	DEA		U	
1469	ROBERTS & HOLCUMB		BILITER, PULLY	PIKE	1300FSL 900FEL 6 L85	1270	3871	3048	GAS		U	3410HIU
1470	WHITIS & CARNEY		HUFFMAN, T N	PIKE	500FSL1150FEL 6 L85		3598	2715	GAS		U	3410HIU
1471	KY WEST VA GAS CO	817	JUST, JOHN M	PIKE	1200FSL 500FNL 7 L85	920	3481	2650	DEA		10	
1472	KY WEST VA GAS CO	5728	CLINE, J S	PIKE	1350FNL1350FEL14 L85	1070	3716	2854	GAS		47	3410HIU

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
1473	KY WEST VA GAS CU	939	CLINE, J S	PIKE	800FSL 700FML 8 L85	1003	3640	2754		GAS	10	3410H1U
1474	KY WEST VA GAS CU	725	CLINE, J S	PIKE	1500FSL1850FEL 8 L85	1157	3848	2964		GAS	0	3410H1O
1475	KY WEST VA GAS CU	5400	JUSTICE, D C	PIKE	1500FNL1800FEL13 L85	982	3707	2840		UGA	10	
1476	KY WEST VA GAS CU	701	STRATTON, P B	PIKE	400FSL 200FEL 8 L85	978	3716	2825		GAS	10	3410H1O
1477	KY WEST VA GAS CU	5365	ADKINS, MILTON	PIKE	850FNL1200FEL12 L85	1245	4008	3120		GAS	0	3410H1O
1478	UNITED FUEL GAS LU	4512	MURKIS, K B	PIKE	125FNL 200FML11 L85	1286	3347	3160		GAS	150	3410H1O
1479	UNITED FUEL GAS CU	6889	MURKIS, K B ETAL	PIKE	1200FSL1200FML10 L85	1152	3924	3005		GAS	0	3410H1O
1484	KY WEST VA GAS CU	880	WEDDINGTON, BALLAR	PIKE	1900FSL1600FML15 L85	1049	3613	2778		GAS	10	3410H1O
1485	HOFFMAN, T W		PIKE GALLERIES	PIKE	2400FNL1800FEL15 L85		3225	2875		GAS	0	3410H1O
1486	UNITED FUEL GAS CU	5853	YOUNG, ANNIE	PIKE	2500FNL 600FEL15 L85	1255	3991	3142		GAS	0	3410H1O
1487	UNITED FUEL GAS LU	6523	YOUNG, ANNIE	PIKE	1400FSL1700FEL15 L85	997	3654	2767		GAS	10	3410H1O
1488	UNITED CARBON CU	954	CAMPBELL, A B	PIKE	1700FNL1900FML14 L85	966	3703	2830		GAS	84	3410H1U
1489	KY WEST VA GAS CU	5708	CLINE, J S	PIKE	2600FSL 850FEL14 L85	817	3517	2645		GAS	298	3410H1O
1490	UNITEQ FUEL GAS CU	6217	CAMPBELL, S M	PIKE	1500FSL 300FEL14 L85	997	3816	2960		GAS	0	3410H1U
1491	KY WEST VA GAS CU	5495	JUSTICE, AARON	PIKE	2600FSL1600FML13 L85	863	3602	2730		GAS	0	3410H1U
1492	KY WEST VA GAS CU	5800	BLACKBURN, H K	PIKE	2975FNL 350FEL13 L85	1054	3078	2920		GAS	52	3410H1U
1493	KY WEST VA GAS CU	5874	KENORICK, J J	PIKE	2400FSL2300FML12 L85	1139	3918	3038		GAS	24	3410H1U
1494	KY WEST VA GAS CU	5813	KENORICK, WM H	PIKE	2900FSL 500FEL12 L85	1327	4121	3200		GAS	0	3410H1O
1496	UNITED CARBON CU		YOUNG COAL & COKE	PIKE	2700FSL1400FML11 L85		4023	3206		GAS	0	3410H1O
1498	KY WEST VA GAS CU	1613	POMPEY COAL & COKE	PIKE	1500FSL2150FEL11 L85	1262	4196	3180		GAS	0	3410H1U
1499	KY WEST VA GAS CU	1591	POMPEY COAL & COKE	PIKE	2300FNL 500FML15 L86	1092	4010	3050		GAS	0	3410H1O
1500	KY WEST VA GAS CU	5720	THACKER, ALBERT	PIKE	2250FSL2200FML15 L86	981	3810	2906		GAS	0	3410H1U
1504	UNITED CARBON CU		JUSTICE, ZACH ETAL	PIKE	2600FSL2225FML13 L86	1090	3231	3042		UGC	60	3398KEA
1506	KY WEST VA GAS CU	914	WEDDINGTON, BALLAR	PIKE	1350FNL2400FEL16 L85	886	3490	2660		GAS	10	3410H1U
1507	UNITED FUEL GAS CU	6748	YOUNG, ANNIE	PIKE	1200FNL 200FEL16 L85	1128	3808	2937		GAS	10	3410H1U
1508	UNITED CARBON CU		CAMPBELL, A D	PIKE	400FSL2100FEL14 L85	800	3497	2639		GAS	60	3410H1O
1509	KY WEST VA GAS CU	704	STRATTON, P B	PIKE	800FNL 500FML18 L85	997	2938	2874		GAS		3398KEA
1510	KY WEST VA GAS CU	718	MELLMAN, HUPE DILS	PIKE	50FNL2300FEL18 L85	1012	3803	2888		GAS	10	3410H1U
1512	KY WEST VA GAS CU	5461	DEVINS, WILLIAM	PIKE	300FNL1400FML19 L85	1139	3908	3048		GAS	10	10
1513	KY WEST VA GAS CU	6097	JUSTICE, M H	PIKE	650FSL1200FML11 L85	1146	3994	3090		GAS	0	3410H1U
1514	KY WEST VA GAS CU	747	CULMAN, GEORGE	PIKE	25FNL1800FEL20 L85	1110	3941	3035		UGA	10	
1515	KY WEST VA GAS CU	1610	POMPEY COAL & COKE	PIKE	1300FSL 200FEL11 L85	1231	4187	3140		UGC	10	3410H1U
1517	KY WEST VA GAS CU	5664	CHANEY, CHAS	PIKE	1300FSL 500FML14 L86	1139	4081	3132		GAS	10	3410H1U
1520	UNITED CARBON CU		MASON COAL & COKE	PIKE	50FNL1725FML18 L86	1036	3836	3019		GAS	10	3410H1U
1522	UNITED CARBON CU		SOUTH SHELBY LAND	PIKE	1050FNL1700FML17 L85	737	3450	2585		GAS	0	3410H1O
1523	KY WEST VA GAS CU	628	MELLMAN, HUPE DILS	PIKE	2900FNL 150FEL17 L85	794	3569	2690		GAS	0	3410H1O
1524	UNITED CARBON CU		SOUTH SHELBY LAND	PIKE	1400FSL1000FEL17 L85		3489	2637		GAS	10	3410H1O
1525	KY WEST VA GAS CU	681W	MELLMAN, HUPE DILS	PIKE	2200FSL2100FEL18 L85	1018	3785	2895		GAS	10	3410H1O
1527	KY WEST VA GAS CU	656	STRATTON, P B	PIKE	2400FNL 225FML19 L85	1209	4002	3115		GAS	10	3410H1U
1528	MANFIELD NAT GAS C	5282	MURKE, J W	PIKE	2650FSL1400FML19 L85	1350	4039	3240		GAS	10	3410H1U
1530	KY WEST VA GAS CU	775	CULMAN, MARY JANE	PIKE	2000FNL1625FML20 L85	892	3752	2825		GAS	10	3410H1U
1531	KY WEST VA GAS CU	5475	SLONE, MORGAN	PIKE	2700FNL1100FEL20 L85	905	3750	2820		GAS	0	3410H1U
1532	KY WEST VA GAS CU	5397	SLONE, MORGAN	PIKE	2800FSL1400FML18 L86	910	3756	2858		UGA	0	

WELL NO	OPERATOR	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
1533	KY WEST VA GAS CO	5867 THACKER, HIBBARD	PIKE	2700FNL 600FEL16 L86	915	2924	2875	GAS	3091	3398REA	
1534	KY WEST VA GAS CO	5443 SLONE, YENJA	PIKE	1625FSL 500FEL16 L86	704	4983	2688	USA	0		
1539	UNITED CARBON CO	1309 MASON WAL & COKE	PIKE	2150FNL1625FNL18 L86	863	3676	2870	GAS	10	3410HIU	
1541	WHITIS ETAL	C & U KY CO	PIKE	1250FNL2350FEL25 L85		3380	2530	GAS	10	3410HIU	
1542	WARFIELD NAT GAS C	5368 KATLIFF, K H MRS	PIKE	1825FNL 500FEL25 L85		3855	3005	GAS	10	3410HIU	
1543	UNITED CARBON CO	50 SHELBY LAND CO	PIKE	950FNL1850FNL24 L85	678	3432	2555	GAS	10	3410HIU	
1544	UNITED CARBON CO	SOUTH SHELBY LAND	PIKE	800FNL1000FEL24 L85	941	3701	2840	GAS	0	3410HIU	
1545	WARFIELD NAT GAS	COLEMAN, BYRON	PIKE	700FNL 75FEL24 L85	1250	4103	3261	GAS	10	3410HIU	
1546	UNITED FUEL GAS CO	6747 COLEMAN, BYRON	PIKE	700FNL1900FNL23 L85	1031	3827	2955	GAS	0	3410HIU	
1547	UNITED CARBON CO	HAMILTON, JAMES	PIKE	2500FNL1550FEL24 L85	714	3478	2625	GAS	10	3410HIU	
1548	WARFIELD NAT GAS C	5125 CHARLES, AMANDA	PIKE	1800FNL 850FEL23 L85	995	3616	2735	GAS	0	3410HIU	
1549	WARFIELD NAT GAS C	5152 MOORE, J M ETAL	PIKE	225FSL1175FNL19 L85	1225	3975	3097	GAS	10	3410HIU	
1550	KY WEST VA GAS CO	5333 BEVINS, JAMES W	PIKE	1650FNL1925FNL22 L85	1023	3852	2965	GAS	10	3410HIU	
1553	WARFIELD NAT GAS C	5200 BEVINS, G C	PIKE	800FNL2300FEL20 L85	925	3040	2920	GAS	0	3398REA	
1555	WARFIELD NAT GAS C	5200 BEVINS, G C	PIKE	800FNL2300FEL20 L85	925	3802	2920	GAS	0	3410HIU	
1557	UNITED FUEL GAS CO	6727 BEVINS, G C	PIKE	200FNL1800FEL21 L85	1253	4185	2428	GAS	10	3410HIU	
1556	UNITED CARBON CO	MASON WAL & COKE	PIKE	1700FNL 700FEL21 L85	1145	3968	3124	GAS	0	3410HIU	
1557	UNITED CARBON CO	107C C & C CO 37	PIKE	400FNL2350FEL25 L86	844	3765	2837	GAS	0	3410HIU	
1559	UNITED CARBON CO	MASON WAL & COKE	PIKE	875FNL1100FEL24 L86		3000	2771	GAS	10	3410HIU	
1560	UNITED FUEL GAS CO	6292 KENTLAND COAL & CO	PIKE	1450FNL 400FNL23 L86	1013	4053	3068	GAS	10	3410HIU	
1563	KY WEST VA GAS CO	2575 DAMON, WM	PIKE	675FSL 800FNL25 L85	690	3382	2549	GAS	0	3410HIU	
1565	UNITED FUEL GAS CO	4987 FIDLEN, MATTIE	PIKE	2900FSL2300FNL24 L85	1025	3676	2818	GAS	0	3410HIU	
1566	UNITED CARBON CO	MASON WAL & COKE	PIKE	1000FSL2150FNL24 L85	1043	3824	2963	GAS	10	3410HIU	
1567	WARFIELD NAT GAS C	5053 COLEMAN, BYRON	PIKE	2400FSL 450FEL24 L85	690	3473	2615	GAS	0	3410HIU	
1568	WARFIELD NAT GAS C	5115 MOORE, FRED ETAL	PIKE	2400FSL2100FNL23 L85	760	2836	2636	GAS		3398REA	
1569	WARFIELD NAT GAS C	5083 JOHNSON, H S	PIKE	675FSL2000FEL23 L85	750	3570	2690	GAS	516	3410HIU	
1570	UNITED FUEL GAS CO	6225 CHARLES, AMANDA	PIKE	1900FSL 100FNL22 L85	1124	3944	3047	GAS	25	3410HIU	
1572	KY WEST VA GAS CO	5334 BEVINS, JAMES W	PIKE	1800FSL2300FNL22 L85	1002	3806	2925	GAS		3410HIU	
1573	UNITED CARBON CO	JUSTICE, BUW	PIKE	25FSL 900FNL22 L85		3764	2867	GAS	10	3410HIU	
1576	KY WEST VA GAS CO	889 JUSTICE, ADNER V	PIKE	2500FSL1100FNL25 L86	776	3654	2740	GAS	0	3410HIU	
1577	KY WEST VA GAS CO	5838 SLONE, FLEM	PIKE	2900FNL 950FEL25 L86	764	3680	2750	GAS	582	3410HIU	
1578	UNITED FUEL GAS CO	6164 KENTLAND COAL & CO	PIKE	2800FNL2400FEL24 L86	860	3853	2918	GAS	0	3410HIU	
1579	UNITED FUEL GAS CO	6711 KENTLAND COAL & CO	PIKE	2300FSL 700FNL24 L86	768	3818	2830	GAS	119	3410HIU	
1580	COLUMBIAN FUEL COK	1329 JUSTICE, FLOYD	PIKE	2450FSL2150FNL23 L86	742	3814	2854	GAS	0	3410HIU	
1581	COLUMBIAN FUEL COK	1325 JUSTICE, T A	PIKE	1400FSL 700FNL23 L86	727	3794	2842	GAS	60	3410HIU	
1582	KY WEST VA GAS CO	5972 DAMON, WM	PIKE	1225FNL 800FNL 5 K85	743	3470	2632	GAS	0	3410HIU	
1583	ZIEBOLD, M U	MCCOWN, J M	PIKE	700FNL 900FEL 5 K85		3530	2700	GAS	0	3410HIU	
1584	WARFIELD NAT GAS C	5524 KATLIFF, K H MRS	PIKE	2200FNL2200FEL 5 K85		3570	2725	GAS	55	3410HIU	
1585	LINSEY ETAL	THACKER, K H	PIKE	475FNL1850FEL 3 K85		3514	2605	GAS	10	3410HIU	
1586	UNITED CARBON CO	JUSTICE, NEX C	PIKE	1300FNL 375FEL 3 K85		3516	2613	GAS	0	3410HIU	
1587	UNITED CARBON CO	DANIELS, LILLIAM	PIKE	2250FNL1900FNL 2 K85	1158	3986	3100	GAS	33	3410HIU	
1588	UNITED CARBON CO	DAMON, F C	PIKE	300FNL2350FNL 2 K85	491	3800	2898	GAS	10	3410HIU	
1589	UNITED CARBON CO	PULLEY, M F	PIKE	50FSL 350FNL21 L85	924	3762	2866	GAS	146	3410HIU	

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TU	BREA	PERM	CMPL	IP	PAY	
1590	WHITIS, BEE ETAL		RICE, BURNET	PIKE	1000FNL1450FNL	1	K85	3775	2848		GAS	0	3410H1U
1591	UNITED CARBON CO	1028	POLLEY, M F	PIKE	1650FNL 150FEL	2	K85	3579	2698		GAS	242	3410H1U
1592	WARFIELD NAT GAS C	5054	PAKSON, J T	PIKE	1400FNL1950FEL	1	K85	775	3724	2780	GAS	10	3410H1O
1593	UNITED CARBON CO		AURIEH, BEN	PIKE	1100FNL 700FEL	1	K85	825	3717	2790	GAS	0	3410H1U
1594	UNITED FUEL GAS CO	5645	KENTLAND COAL & CO	PIKE	1400FNL1025FEL	5	K86	4047	3115		GAS	246	3410H1U
1595	UNITED FUEL GAS CO	8183	KENTLAND COAL & CO	PIKE	100FSL1700FEL	24	K86	875	3925	2948	GAS	15	3410H1U
1597	WARFIELD NAT GAS C	5563	RATLIFF, M H	PIKE	2650FSL 850FEL	5	K85	3794	2953		GAS	10	3410H1U
1598	WARFIELD NAT GAS C	5564	RATLIFF, M H	PIKE	400FSL1750FEL	5	K85	3699	2875		GAS	10	3410H1U
1599	UNITED CARBON CO		MY NEST VA	PIKE	25FNL1250FEL	7	K85	821	3600	2732	GAS	0	3410H1U
1602	UNITED CARBON CO		AUKINS, MARY E	PIKE	2400FSL 150FEL	3	K85	856	3685	2732	GAS	0	3338IGL
1603	UNITED FUEL GAS CO	6287	BELCHER, W R	PIKE	1900FSL1000FNL	2	K85	864	3639	2760	GAS	10	3410H1O
1604	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	200FSL1000FNL	2	K85	3567	2690		GAS	37	3410H1U
1606	UNITED CARBON CO		FURD, JOHN FORD	PIKE	2600FSL1100FEL	2	K85	782	3624	2738	GAS		3410H1U
1607	UNITED CARBON CO		WELLS, M S	PIKE	2325FSL 800FNL	1	K85	833	2955	2893	GAS	4215	3398REA
1608	UNITED CARBON CO		HARPER, J H	PIKE	600FSL 300FNL	2	K85	700	3557	2685	GAS	304	3410H1U
1610	UNITED CARBON CO		FURD, JOHN MRS	PIKE	100FSL1450FEL	1	K85	767	3686	2780	GAS	0	3410H1U
1611	UNITED CARBON CO		FURD, JOHN MRS	PIKE	900FSL2000FNL	5	K86	881	3816	2906	GAS	10	3410H1U
1612	WARFIELD NAT GAS C	5646	KENTLAND COAL & CO	PIKE	1600FSL 800FEL	5	K86	3884	2978		GAS	26	3410H1U
1613	UNITED FUEL GAS CO	5647	KENTLAND COAL & CO	PIKE	1850FSL1900FNL	4	K86	4116	3134		GAS	10	3410H1U
1614	UNITED FUEL GAS CO	5648	KENTLAND COAL & CO	PIKE	2800FNL 950FEL	4	K86	4192	3213		GAS	0	3410H1U
1615	UNITED FUEL GAS CO	5649	KENTLAND COAL & CO	PIKE	3000FSL1150FNL	3	K86	1225	4373	3410	GAS	10	3410H1U
1617	WARFIELD NAT GAS C	5565	RATLIFF, M H MRS	PIKE	2100FNL1650FEL	6	K85	3750	2937		GAS	10	3410H1O
1618	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	1000FNL 500FEL	7	K85	3745	2883		GAS	119	3410H1O
1619	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2600FNL 400FEL	7	K85	805	3625	2722	GAS	10	3410H1U
1621	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2200FNL 500FNL	9	K85	934	3804	2865	GAS	10	3410H1U
1623	WARFIELD NAT GAS C	5030	COX, DAVID	PIKE	2400FNL2400FNL	9	K85	1150	3878	3000	GAS	0	3410H1U
1624	UNITED CARBON CO		POLLEY, D C 1-810	PIKE	900FNL 100FEL	9	K85	702	2904	2680	GAS	227	3410H1O
1626	UNITED CARBON CO		FURD, OAS MRS	PIKE	2500FNL1650FEL	10	K85	810	3700	2856	GAS	10	3410H1O
1627	COLUMBIAN FUEL CUR	817	SEMIT-SULVAY CU 3	PIKE	2800FNL1900FNL	7	K86	4265	3315		GAS	21	3410H1U
1628	COLUMBIAN FUEL CUR	861	SEMET-SULVAY 2	PIKE	100FSL1650FNL	4	K86	1171	4524	3287	GAS	10	3410H1U
1629	COLUMBIAN FUEL CUR	876	SEMIT-SULVAY LU	PIKE	2800FNL1950FNL	8	K86	4420	3587		GAS	26	3410H1U
1631	WARFIELD NAT GAS C	5566	RATLIFF, M H MRS	PIKE	2000FSL1600FNL	6	K85	3772	2942		GAS	37	3410H1U
1632	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	425FSL1400FEL	6	K85	1011	4302	3036	GAS	10	3410H1O
1633	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	350FSL1200FNL	7	K85	979	4068	2872	GAS	10	3410H1U
1634	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	300FNL1050FEL	14	K85	4067	2890		GAS	10	3410H1U
1635	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2400FSL1500FNL	8	K85	941	3811	2907	GAS	0	3410H1U
1636	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	125FSL 650FEL	8	K85	3070	3003		GAS	84	3398REA
1637	UNITED FUEL GAS CO	6228	COX, DAVID	PIKE	2000FSL 725FNL	9	K85	1194	4082	3235	GAS	119	3410H1O
1639	COLUMBIAN FUEL CUR	897	CHESAPEAKE MINERAL	PIKE	900FSL1900FNL	10	K85	984	3970	3006	DLA	0	
1640	COLUMBIAN FUEL CUR	871	CHESAPEAKE MINERAL	PIKE	2150FSL1125FNL	6	K86	4201	3235		GAS	231	3410H1U
1642	COLUMBIAN FUEL CUR	860	SUMIT-SULVAY	PIKE	800FSL1600FEL	7	K86	947	4004	3050	GAS	50	3410H1U
1643	LILLIES SKV OIL CO	1444	COLEMAN & COLEMAN	PIKE	25FNL 100FEL	14	K86	1340	3653	3518	GAS	10	3398REA
1644	UNITED FUEL GAS CO	6963	YUST, W E	PIKE	2200FNL 300FNL	15	K85	1561	4358	3498	DLA	0	

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAT	
1645	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2400FNL2000FNL14	K85	3717	2831		GAS	10	3410H1U	
1646	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	1000FNL2150FEL13	K85	1110	3452	3087	GAS		33381G1	
1648	COLUMBIAN FUEL CO	870	CHESAPEAKE MINERAL	PIKE	700FNL 300FEL12	K85	707	3572	2674	GAS	33	3410H1U	
1649	CITIES SRV OIL CO	1471	CHESAPEAKE MINERAL	PIKE	700FNL1700FEL11	K85	901	3132	2968	40.1	GAS	0	3398REA
1652	UNITED CARBON CO		BENTLEY, BELLE	PIKE	1300FNL1200FEL14	K86	1045	3307	3156		GAS		3398REA
1653	UNITED CARBON CO		HATCHER, J M	PIKE	3000FSL1300FEL 1	L83	808	3100	2363		GAS	0	3410H1U
1654	UNITED CARBON CO		HATCHER LAND CO	PIKE	1700FNL2200FNL 5	L84		3115	2355		GAS	0	3410H1U
1656	BOWLES AND JACOB		BOWLES MRS	PIKE	2200FSL1900FEL 5	L84		3162	2395		GAS	0	3410H1U
1657	UNITED CARBON CO		HATCHER, J	PIKE	1300FNL2000FNL 4	L84		3155	2498		GAS	10	3410H1U
1658	UNITED CARBON CO		CASSADY, J M	PIKE	1850FSL2350FNL 4	L84	858	3367	2591		GAS	0	3410H1U
1660	MORDEN, RUSSELL		PHILLIPS, GRANT	PIKE	700FNL1950FNL 3	L84		3136	2370		GAS	10	3410H1U
1661	MORDEN, RUSSELL		KEEL, D I	PIKE	2800FNL2250FNL 3	L84		3100	2305		GAS	0	3410H1U
1662	UNITED CARBON CO		KEYSER, MYRTLE	PIKE	3000FSL 300FEL 3	L84	672	3053	2272		GAS	10	3410H1U
1663	MORDEN, R M		KEEL, ANN	PIKE	900FNL 500FEL 2	L84		3056	2260		GAS	0	3410H1U
1664	LINDSEY, M W		RUME, I L	PIKE	1000FNL1900FEL 2	L84	753	3121	2410		GAS	15	3398REA
1665	MORDEN, R M		SCOTT, JIMM	PIKE	1800FNL2150FNL 2	L84		3455	2650		GAS	0	3410H1U
1666	ALERT OIL & GAS		KEYSER, CHARLES	PIKE	2950FSL2000FNL 2	L84		3183	2383		GAS	0	3410H1U
1667	UNITED CARBON CO		WEDDINGTON, BALLAN	PIKE	2600FNL 100FEL 2	L84	1060	3509	2700		GAS	0	3410H1U
1668	UNITED CARBON CO		KENTUCKY STONE	PIKE	1600FNL1400FNL 1	L84	945	3360	2555		GAS	0	3410H1U
1669	ALERT OIL & GAS		CALL, ROBERT P	PIKE	1000FNL1600FEL 1	L84		3410	2572		GAS	0	3410H1U
1671	BOWLES & JACOBS		BOWLES MRS	PIKE	500FNL2350FEL 7	L84		3170	2400		GAS	0	3410H1U
1673	BOWLES & JACOBS		BOWLES MRS	PIKE	1400FNL 800FNL 8	L84		3101	2315		GAS	0	3410H1U
1674	MANFIELD NAT GAS C	4584	KEEL, D I	PIKE	1300FSL 200FEL 3	L84	918	3400	2573		GAS	0	3410H1U
1675	SCOTT, FRANK		WARD, JUNIUM	PIKE	1050FSL2300FNL 3	L84		3048	2311		GAS	47	3410H1U
1676	ELLIOTT ETAL		PIKEVILLE LAUNDRY	PIKE	400FSL 750FNL 2	L84		3075	2255		GAS	0	3410H1U
1677	UNITED CARBON CO		ELINE, J P	PIKE	350FSL1850FNL 2	L84	750	3141	2360		GAS	0	3410H1U
1678	UNITED CARBON CO		ELLIOTT, H C	PIKE	1700FSL1300FEL 2	L84	791	3186	2400		GAS	10	3410H1U
1679	ALERT OIL & GAS		LANGLEY, JOHN	PIKE	1050FSL1200FNL 1	L84	760	3204	2410		GAS	0	3410H1U
1680	LINDSEY ETAL		RING	PIKE	1800FSL1800FEL 1	L84		3214	2412		GAS	10	3410H1U
1681	UNITED CARBON CO		HATCHER LAND CO	PIKE	2500FNL1000FEL10	L83	1097	3363	2600		GAS	0	3410H1U
1682	UNITED CARBON CO		HATCHER LAND CO	PIKE	2300FNL2500FNL 6	L84	1250	3504	2738		GAS	0	3410H1U
1683	BOWLES AND JACOBS		BOWLES MRS	PIKE	3000FNL 600FNL 7	L84		3156	2378		GAS	26	3410H1U
1685	JONES, J H		POOR FARM	PIKE	2300FSL2150FNL 8	L84		3168	2368		GAS	0	3410H1U
1686	BOWLES & JACOBS		BOWLES MRS	PIKE	1550FNL2150FNL 8	L84		3100	2315		GAS	10	3410H1U
1687	JONES, M H ETAL		POOR FARM	PIKE	2150FNL1250FEL 8	L84	682	3083	2265		GAS	0	3410H1U
1688	KY WEST VA GAS CO	6219	JOHNSON, J M	PIKE	2700FNL 100FEL 8	L84	1045	3456	2715		GAS	0	3410H1U
1689	UNITED CARBON CO		HAMES, GEORGE	PIKE	2900FSL1500FNL 9	L84	908	3334	2544		GAS	0	3410H1U
1691	UNITED CARBON CO		CLINE, J S	PIKE	1400FNL 300FNL 9	L84	721	3088	2325		GAS	0	3410H1U
1692	M T GREEN & CO (PL		C NEER, GEORGE	PIKE	2400FNL2100FNL 9	L84		3243	2435		GAS	10	3410H1U
1693	LINDSEY, M W		WILLIAMSON, HIBBAM	PIKE	2100FSL2250FNL 9	L84		3098	2284		GAS	0	3410H1U
1694	KILEY & SCOTT		CITY OF PIKEVILLE	PIKE	2400FSL 550FEL 9	L84		3080	2274		GAS	0	3410H1U
1695	UNITED CARBON CO		CLINE, A U	PIKE	2700FSL1900FEL10	L84		3312	2500		GAS	0	3410H1U
1696	LINDSEY & ELLIOT		2 HUFFMAN, I M	PIKE	1400FNL 500FEL10	L84	810	3230	2407		GAS	0	3410H1U

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PEAK	CMPL	IP	PAY
1697	HOLCUMB, ROBERT		AMOS, R M	PIKE	1900FNL 300FEL10	L84	720	3145	2381		GAS	0 3410H10
1698	UNITED CARBON CO		COLONY COAL & COKE	PIKE	500FSL1200FNL 6	L84	923	3203	2453		GAS	0 3410H10
1699	UNITED CARBON CO		CULONY C & C CO	PIKE	1400FNL 100FEL11	L83		3264	2508		GAS	0 3410H10
1700	UNITED CARBON CO		SMUKU, C B	PIKE	1900FNL2200FEL15	L84	932	3213	2470		GAS	0 3410H10
1701	UNITED CARBON CO		COLONY COAL & COKE	PIKE	800FNL1800FEL14	L84		3224	2507		GAS	0 3410H10
1703	COLUMBIAN FUEL CUR		SMUKU, J M	PIKE	1600FNL1700FEL12	L84	696	3112	2318		GAS	0 3410H10
1704	COLUMBIAN FUEL CUR		MOOKE, JOHN E	PIKE	1300FNL 150FEL12	L84	799	3232	2437		GAS	10 3410H10
1705	LINDSEY, W M		KAY, W J	PIKE	150FSL1900FNL10	L84	766	3268	2445		GAS	0 3410H10
1706	COLUMBIAN FUEL CUR		ELLIOTT, W H	PIKE	1400FNL1150FNL11	L84	755	3206	2400		GAS	10 3410H10
1707	LINDSEY, W M		JOHNSON, SOLOMAN	PIKE	700FSL 550FEL10	L84	916	3410	2568		GAS	0 3410H10
1708	UNITED CARBON CO		ELLIOTT, M K	PIKE	2500FSL1050FNL15	L84	987	3231	2471		GAS	0 3410H10
1709	HIVELY, OR ETAL		ELLIOTT, M K	PIKE	2900FSL1500FEL15	L84		3122	2360		GAS	0 3410H10
1710	UNITED CARBON CO		ELLIOTT, M K	PIKE	2400FNL1100FNL14	L84	781	3080	2328		GAS	0 3410H10
1711	UNITED CARBON CO		COLONY COAL & COKE	PIKE	2650FNL1850FEL14	L84		3065	2302		GAS	0 3410H10
1712	WHITIS & SMITH		JOHNSON, SOL	PIKE	2400FSL2100FEL14	L84		3256	2476		GAS	0 3410H10
1713	WHITIS & SMITH		JOHNSON, SOL	PIKE	2400FNL 100FEL14	L84		3152	2366		GAS	0 3410H10
1714	KY WEST VA GAS CO	5322	CAMPBELL, W A	PIKE	2800FSL1800FEL13	L84	889	3257	2478		GAS	0 3410H10
1715	COLUMBIAN FUEL CUR		ROBINSON, JOHN M	PIKE	2050FNL 400FEL13	L84	749	3918	2352		GAS	0 3410H10
1716	C O JACOBS ETAL		ROBINSON, A J	PIKE	2800FNL1050FNL12	L84		3077	2279		GAS	10 3410H10
1717	COLUMBIAN FUEL CUR		SMUKU, J MONG	PIKE	1600FSL 850FNL12	L84	664	3076	2279		GAS	0 3410H10
1718	COLUMBIAN FUEL CUR		ELLIOTT, M K	PIKE	3000FSL 200FEL12	L84		3200	2359		GAS	10 3410H10
1719	COLUMBIAN FUEL CUR		ELLIOTT, M R	PIKE	2000FNL1900FEL11	L84	1026	3512	2685		GAS	26 3410H10
1720	UNITED FUEL GAS CO	6183	CREEKMORE, TUI RUI	PIKE	2000FSL1300FEL11	L84	1109	3624	2800		GAS	10 3410H10
1722	KY WEST VA GAS CO		CLINE, J S	PIKE	400FNL1700FEL16	L84	954	3255	2491		GAS	0 3410H10
1724	UNITED CARBON CO		HAY, R J	PIKE	900FSL 750FNL14	L84	960	3498	2728		GAS	0 3410H10
1726	UNITED CARBON CO		HOWELL, KENTUCKY	PIKE	700FNL1900FEL17	L84	775	3321	2580		GAS	0 3410H10
1727	UNITED CARBON CO		COLONY COAL & COKE	PIKE	2300FNL 700FEL17	L84	1038	3401	2710		GAS	0 3410H10
1728	UNITED CARBON CO		COLONY COAL & COKE	PIKE	1600FNL2350FNL18	L84		3088	2309		GAS	0 3410H10
1729	UNITED FUEL GAS CO	4891	COLEMAN, D M ETAL	PIKE	500FNL1000FEL18	L84	785	3182	2373		GAS	0 3410H10
1730	UNITED CARBON CO		MAY, J I	PIKE	500FSL1000FNL12	L84		3209	2416		GAS	0 3410H10
1731	COLUMBIAN FUEL CUR		SMUKU, J M	PIKE	1500FNL1500FNL19	L84	687	3123	2300		GAS	3410H10
1732	KY WEST VA GAS CO		CLINE, J S	PIKE	600FSL2200FEL13	L84	738	3127	2334		GAS	3410H10
1733	COLUMBIAN FUEL CUR		ELSMICK, CARRIE	PIKE	900FNL1200FEL13	L84	739	3138	2353		GAS	0 3410H10
1734	UNITED FUEL GAS CO	6458	JOHNSON, GYPSY YUK	PIKE	1600FNL2300FNL19	L84	668	3104	2301		GAS	0 3410H10
1735	UNITED FUEL GAS CO	6491	YORK, W C ETAL	PIKE	100FSL 50FNL11	L84	951	3439	2637		GAS	0 3410H10
1736	KY WEST VA GAS CO	881	MEUDINGTON, BALLAN	PIKE	700FSL1000FEL11	L84	1033	3540	2740		GAS	0 3410H10
1737	KY WEST VA GAS CO	910	MEUDINGTON, BALLAN	PIKE	1700FNL 750FEL20	L84	682	3207	2405		GAS	10 3410H10
1738	UNITED CARBON CO		COLONY COAL & COKE	PIKE	2850FSL1950FEL20	L83	1315	3589	2827		GAS	0 3410H10
1742	KY WEST VA GAS CO	5292	CARRKULL, C M	PIKE	2600FNL1900FNL16	L84	1130	3427	2665		GAS	0 3410H10
1746	KY WEST VA GAS CO	612	MAY, F J	PIKE	2300FSL1900FNL17	L84	920	3273	2498		GAS	0 3410H10
1747	KINDRED ETAL		PHILLIPS, REBECCA	PIKE	2000FSL 650FNL18	L84		3312	2525		GAS	0 3410H10
1748	UNITED FUEL GAS CO	9780	ROME, G C	PIKE	2300FSL2300FEL18	L84	717	3109	2330		GAS	0 3410H10
1749	KILEY, R E ETAL		CLINE, J S	PIKE	1700FSL 100FNL19	L84		5220	2414		GAS	0 3410H10

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PEAK	CMPL	IP	PAY
1750	RILEY, M E		SMONO, J R	PIKE	1000FNL 500FNL19	L84		3350	2555		GAS	0 3410H1U
1751	KY WEST VA GAS CO		CLINE, J S	PIKE	2650FSL2000FNL19	L84		3223	2419		GAS	0 3410H1U
1752	COLUMBIAN FUEL CUR		SMONO, J M	PIKE	1900FSL 600FEL19	L84	762	3200	2426		GAS	10 3410H1U
1753	UNITED CARBON CO		ADKINS, L U	PIKE	800FSL1000FNL20	L84	931	3228	2412		GAS	0 3410H1U
1754	KY WEST VA GAS CO	627	MAYNARD, KENTUCKY	PIKE	1550FSL2050FNL20	L84	786	3292	2475		USA	0
1755	UNITED CARBON CO		COLONY COAL & COKE	PIKE	2300FNL1000FNL21	L83		3391	2312		GAS	0 3410H1U
1757	KY WEST VA GAS CO	677	CLINE, J S	PIKE	2000FNL 150FEL21	L83	1058	3346	2592		GAS	0 3410H1U
1763	UNITED CARBON CO		COLONY COAL & COKE	PIKE	350FNL2050FNL24	L84		3147	2469		GAS	0 3410H1U
1764	UNITED CARBON CO		COLONY COAL & COKE	PIKE	2500FNL1800FNL24	L84	843	3202	2439		GAS	0 3410H1U
1765	KINDRED ETAL		YOST, J E	PIKE	2500FNL 700FEL24	L84		3201	2460		GAS	0 3410H1U
1766	WAKE, E C		SMONO, JAMES	PIKE	100FNL 250FEL24	L84		3142	2345		GAS	0 3410H1U
1767	WAKE ETAL		RAY, DUC (SMORD)	PIKE	200FNL1600FNL23	L84		3186	2407		GAS	0 3410H1U
1768	SHERMAN, STEELE		BREWER, SUSAN	PIKE	2350FNL2300FEL23	L84		3329	2517		GAS	0 3410H1U
1770	RILEY, R E		CLINE, J S	PIKE	1550FNL1650FNL22	L84		3715	2835		GAS	0 3410H1U
1771	UNITED CARBON CO		FURU, ALVIS ETAL	PIKE	600FNL1600FEL22	L84	926	3413	2608		GAS	0 3410H1U
1772	KY WEST VA GAS CO		FURU, WILLIAM	PIKE	1650FNL1000FNL21	L84		3317	2502		GAS	0 3410H1U
1773	LINDSEY ETAL		CALL, OLLIE	PIKE	1800FNL 500FNL21	L84	742	3345	2520		GAS	5 3410H1U
1774	UNITED CARBON CO		COLONY COAL & COKE	PIKE	2650FSL 400FEL22	L83		3626	2870		GAS	0 3410H1U
1775	UNITED CARBON CO		COLONY COAL	PIKE	500FSL2100FEL21	L83	1294	3588	2840		GAS	0 3410H1U
1778	FRANK-SCOTT		CLINE, J S & J F	PIKE	650FSL1850FEL25	L84		3466	2675		GAS	0 3410H1U
1781	MAFIELD NAT GAS C		CLINE, J S JR	PIKE	2000FSL1650FEL24	L84		3316	2520		GAS	0 3410H1U
1782	KINDRED ETAL		COMPTON, J W	PIKE	1800FSL 800FNL23	L84		3314	2547		GAS	0 3410H1U
1783	KINDRED ETAL		COMPTON, J W	PIKE	300FSL1900FNL23	L84		3448	2670		GAS	0 3410H1U
1784	STEELE, SHERMAN		BREWER, SUSAN	PIKE	2600FSL 200FEL23	L84	845	3570	2782		GAS	0 3410H1U
1784	RILEY, M E		CLINE, J S	PIKE	1850FSL1300FEL23	L84		3696	2900		GAS	0 3410H1U
1785	KY WEST VA GAS CO	5320	FURU, WILLIAM	PIKE	2900FSL1600FEL22	L84	885	3366	2560		GAS	0 3410H1U
1786	KY WEST VA GAS CO	5955	MCPEAK, GED	PIKE	2100FSL 100FNL21	L84	825	3357	2540		GAS	0 3410H1U
1787	LINDSEY, M M		SMONO, CHARLIE	PIKE	2900FSL1300FEL21	L84	723	3362	2505		GAS	0 3410H1U
1788	UNITED CARBON CO		COLONY COAL & COKE	PIKE	200FNL 700FEL 2	K83		3891	3140		GAS	0 3410H1U
1790	UNITED CARBON CO		COLONY COAL & COKE	PIKE	2550FNL 400FEL 2	K83		3814	3315		GAS	0 3410H1U
1791	KY WEST VA GAS CO		DARRON, M J	PIKE	2400FNL1300FNL 1	K83	1470	3758	3025		GAS	0 3410H1U
1792	KY WEST VA GAS CO	5302	MAY, A J	PIKE	2300FNL 450FNL 5	K84	1262	3603	2807		GAS	0 3410H1U
1793	COLUMBIAN FUEL CUR		CLINE, J J	PIKE	1000FNL 700FEL 5	K84	1180	3561	2787		GAS	10 3410H1U
1794	KY WEST VA GAS CO	5444	MAY, A J	PIKE	2300FNL1000FNL 4	K84	1167	3556	2774		GAS	0 3410H1U
1795	KINDRED & LINDSEY		MUDDALL, A G	PIKE	1500FNL2200FEL 4	K84		3422	2628		GAS	0 3410H1U
1797	KINDRED & LINDSEY		MUDDALL, A G	PIKE	2100FNL 150FEL 4	K84		3372	2598		GAS	0 3410H1U
1798	KY WEST VA GAS CO	5876	YOST, J E	PIKE	2700FNL1150FNL 3	K84	835	3262	2470		GAS	0 3410H1U
1800	KY WEST VA GAS CO	902	DARRON, JAMES ETAL	PIKE	1000FNL 500FNL 2	K84	1101	3584	2767		GAS	0 3410H1U
1801	KY WEST VA GAS CO	5293	FURU, THOMAS	PIKE	500FNL1800FNL 2	K84	1065	3561	2766		USA	
1802	KY WEST VA GAS CO	5908	FURU, WM	PIKE	500FNL 300FEL 2	K84	991	3559	2740		GAS	0 3410H1U
1803	KY WEST VA GAS CO	5916	GULEMAN, D L	PIKE	3000FNL2300FEL 2	K84	870	3458	2628		GAS	0 3410H1U
1804	KY WEST VA GAS CO		HAULIFF, DIXIE	PIKE	100FNL2300FEL 1	K84	760	3367	2550		GAS	0 3410H1U
1806	UNITED MINERAL DEV		YORK WAL CO	PIKE	1900FSL1800FEL 2	K83	1332	3609	2865		GAS	0 3410H1U

WELL NO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
1808	UNITED MINERAL DEV		YORK COAL CO	PIKE	1600FSL2000FHL 1 K83		3414	2655		GAS	0	3410HIU
1809	WARFIELD NAT GAS C		HARVEY, ELIZABETH	PIKE	300FNL 900FNL 6 K84		3850	3000		GAS	0	3410HIU
1810	KY WEST VA GAS CO		MAY, A J	PIKE	1900FSL1850FNL 5 K84	1045	3310	2605		GAS	0	3338IGL
1811	KY WEST VA GAS CO	5413	MAY, K I	PIKE	400FSL1200FEL 5 K84	918	3275	2503		UGA	0	
1813	KY WEST VA GAS CO	5958	CASEBULT, H G	PIKE	800FSL 150FEL 4 K84	984	3399	2620		UGA	0	
1814	KY WEST VA GAS CO	941	DAMRON, JAMES ETAL	PIKE	1350FSL2100FEL 3 K84	806	1778	2467		GAS	0	3410HIU
1815	ELLIOTT & LINDSEY		KEATHLEY, GUS	PIKE	200FSL1950FEL 3 K84		3635	2810		GAS	0	3410HIU
1816	KY WEST VA GAS CO	927	DAMRON, JAMES	PIKE	2000FSL 100FNL 2 K84	775	3295	2470		GAS	0	3410HIU
1817	UNITED FUEL GAS CO	5787	ROWE, G C ETAL	PIKE	2000FSL 750FEL 2 K84	776	3422	2605		GAS	0	3410HIU
1818	LINDSEY ETAL		KEATHLEY FARM	PIKE	200FSL1900FEL 2 K84	700	3344	2524		GAS	0	3410HIU
1819	LINDSEY & ELLIOTT		ELLIOTT, CHARLES	PIKE	500FSL 250FEL 2 K84	720	3388	2550		GAS	0	3410HIU
1820	UNITED FUEL GAS CO	6693	RATLIFF, R H	PIKE	200FSL1300FEL 1 K84	1296	4024	3182		GAS	0	3410HIU
1821	KY WEST VA GAS CO	6045	DAMRON, WM	PIKE	2600FSL 650FEL 1 K84	1208	3951	3095		GAS	0	3410HIU
1823	UNITED MINERAL CO		YORK COAL CO	PIKE	1900FSL1800FEL 9 K83		3373	2503		GAS	0	3410HIU
1824	UNITED MINERAL DEV		YORK COAL CO	PIKE	1100FNL1000FEL12 K83		3706	2965		GAS	0	3410HIU
1825	UNITED MINERAL DEV		YORK COAL CO	PIKE	1200FSL 650FEL10 K83		3270	2525		GAS	0	3410HIU
1826	UNITED MINERAL CO		YORK COAL CO	PIKE	900FNL2100FNL10 K83		3511	2530		GAS	0	3410HIU
1827	UNITED MINERAL DEV		YORK COAL CO	PIKE	2150FNL1850FEL10 K83		2915	2510		GAS	0	3410HIU
1828	UNITED CARBON DEV		YORK COAL CO	PIKE	1800FSL1500FEL10 K83	889	3241	2460		GAS	0	3410HIU
1829	UNITED MINERAL DEV		YORK COAL CO	PIKE	1300FSL2150FEL10 K83		3440	2465		GAS	0	3410HIU
1830	UNITED MINERAL DEV		YORK COAL CO	PIKE	2800FNL 800FEL11 K83		3444	2488		GAS	0	3410HIU
1831	UNITED MINERAL DEV		YORK COAL CO	PIKE	400FNL1300FNL15 K84		3449	2480		GAS	0	3410HIU
1832	KY WEST VA GAS CO	5967	TACKETT, MARION	PIKE	2400FNL1000FNL7 K84	800	3215	2443		GAS	0	3410HIU
1833	KY WEST VA GAS CO	5975	JOHNSON, B F	PIKE	350FNL2000FNL14 K84	960	3424	2645		GAS	10	3410HIU
1834	KY WEST VA GAS CO	5936		PIKE	2600FNL 100FEL15 K84	1191	3665	2849		GAS	0	3410HIU
1835	KY WEST VA GAS CO	5949	TACKETT, MARION	PIKE	2500FNL1450FEL 7 K84	952	3392	2620		GAS	0	3410HIU
1838	UNITED CARBON CO		ELKHORN LAND CO	PIKE	1850FNL2400FNL14 K84	999	3470	2683		GAS	0	3410HIU
1840	KY WEST VA GAS CO		CLINE, J S	PIKE	2850FSL2250FNL 8 K84	937	3457	2655		GAS	0	3410HIU
1841	ELSWICK DEV SYNDIC		PICKLESIMER, ANNIE	PIKE	2600FNL1350FEL 8 K84	919	3493	2646		GAS	10	3410HIU
1842	ELSWICK DEV SYNDIC		PUTTER, A B	PIKE	1500FSL 550FEL 8 K84		3376	2498		GAS	58	3410HIU
1843	KY WEST VA GAS CO		HOPKINS, M J	PIKE	2700FNL 750FNL13 K84	985	3509	2700		GAS	0	3410HIU
1844	KY WEST VA GAS CO		NEWSUM, G W	PIKE	1700FNL 200FEL13 K84	889	3537	2726		UGA	0	
1845	KY WEST VA GAS CO	5895	MAY, THOMAS P	PIKE	2600FNL1100FEL13 K84	928	3566	2775		GAS	0	3410HIU
1846	KY WEST VA GAS CO		YATES, PAULINE	PIKE	1950FNL 400FEL 8 K84	783	3339	2520		GAS	0	3410HIU
1847	ELSWICK DEV SYNDIC		PUTTER, A B	PIKE	2250FNL 850FNL 9 K84		3420	2595		GAS	60	3410HIU
1848	ELSWICK DEV SYNDIC		PUTTER	PIKE	2700FSL2300FNL 9 K84		3218	2570		GAS	600	3410HIU
1849	LINDSEY, W M ETAL		HOWARD, MYRTLE	PIKE	1800FNL1050FEL 9 K84		3461	2650		GAS	0	3410HIU
1852	SCOTT, FRANK		MITCHELL, W B	PIKE	1850FNL1450FNL10 K84		3767	2908		GAS	28	3410HIU
1853	KY WEST VA GAS CO		F ERKELL & MATCHER	PIKE	2400FSL 800FEL 9 K84	759	3489	2620		GAS	0	3410HIU
1854	KY WEST VA GAS CO	5613	FERKELL & MATCHER	PIKE	100FNL 200FEL12 K84	821	3548	2700		GAS	42	3410HIU
1855	KY WEST VA GAS CO		DAMRON, WILSON	PIKE	2800FNL 500FEL12 K84	884	3617	2795		GAS	0	3410HIU
1856	KY WEST VA GAS CO	5929	FERKELL & MATCHER	PIKE	1400FNL2250FEL11 K84	983	3748	2895		GAS	0	3410HIU
1857	KY WEST VA GAS CO	6003	FERKELL & MATCHER	PIKE	300FSL2200FNL10 K84	895	3667	2805		GAS	0	3410HIU

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1858	WARFIELD NAT GAS CO		HALLIFF, M H	PIKE	1600FNL 150FEL10	K84		3805	2965		GAS	10 3410H1U
1859	KY WEST VA GAS CO	6038	SHINNEY, MILES	PIKE	2000FSL 600FEL10	K84	971	3732	2900		GAS	32 3410H1U
1863	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2975FSL 1000FEL12	K86	1099	3385	3267		GAS	15 3398BREA
1864	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	150FSL 1700FEL12	K86	1268	4552	3558		GAS	0 3410H1U
1865	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2500FSL 1400FEL15	K87	1343	3766	3620		GAS	65 3398BREA
1869	COLUMBIA GAS TRANS	9723	CLINE, J S	PIKE	100FSL 2480FEL12	K87	1442	3997	3832		GAS	10 3398BREA
1870	COLUMBIA GAS TRANS	9649	ELSHICK, T R ETAL	PIKE	2900FNL 960FEL11	K87	1019	3538	3400		GAS	10 3398BREA
1871	COLUMBIA GAS TRANS	20021	KENTLAND CO 236	PIKE	600FSL 500FEL16	K87	1202	3664	3547		GAS	10 3398BREA
1872	COLUMBIA GAS TRANS	20234	CLINE, J S JR	PIKE	3400FNL 1200FEL19	K87	1682	4133	4045		GAS	10 3398BREA
1873	UNITED FUEL GAS CO	9600	BERNINO CUMP	PIKE	600FNL 1000FEL 7	J87	1112	3663	3470	<0.1	GAS	189 3398BREA
1874	UNITED FUEL GAS CO	9619	ROME, G C ETAL	PIKE	1900FNL 900FEL20	K87	1060	3604	3467		GAS	10 3398BREA
1877	UNITED FUEL GAS CO	9526	ROME, G C	PIKE	1700FSL 2400FEL20	K87	1353	3891	3750		GAS	0 3398BREA
1878	UNITED FUEL GAS CO	9423	KENTLAND COAL CO	PIKE	1600FSL 400FEL23	K86	916	4300	3208		UGA	0
1880	UNITED FUEL GAS CO	9421	KENTLAND COAL CO	PIKE	1500FSL 1200FEL21	K86	985	3458	3291		UGA	0
1881	COLUMBIA GAS TRANS	20375	KENTLAND CO	PIKE	2700FSL 300FEL24	K87	1672	4233	4092		GAS	10 3398BREA
1882	COLUMBIA GAS TRANS	20333	KENTLAND CO	PIKE	2200FNL 2250FEL23	K87	1888	4484	4330		GAS	10 3398BREA
1883	COLUMBIA GAS TRANS	20334	KENTLAND CO	PIKE	1000FSL 700FEL23	K87	1305	3895	3833		GAS	10 3398BREA
1884	COLUMBIA GAS TRANS	20235	CLINE, J S	PIKE	300FNL 1300FEL22	K87	1906	4486	4315		GAS	10 3398BREA
1886	COLUMBIA GAS TRANS	20016	KENTLAND CO	PIKE	1100FSL 800FEL22	K87	1519	4124	3964		GAS	267 3398BREA
1887	COLUMBIA GAS TRANS	9724	CLINE, J S	PIKE	2600FNL 250FEL21	K87	1607	4103	3955		GAS	10 3398BREA
1889	UNITED FUEL GAS CO	9564	BERNINO CUMP 216	PIKE	2900FNL 1400FEL21	K87	1430	4004	3787	<0.1	GAS	231 3398BREA
1890	WARFIELD NAT GAS CO	4519	KENTLAND CO	PIKE	50FNL 1700FEL 1	J86	1136	4903	3595		GAS	0 3410H1U
1891	COLUMBIA GAS TRANS	20376	KENTLAND CO	PIKE	0FNL 185FEL 7	J87	1771	4337	4200		GAS	10 3398BREA
1892	COLUMBIA GAS TRANS	20458	KENTLAND CO	PIKE	2700FSL 750FEL 4	J87	1306	3880	3751	<0.1	GAS	10 3398BREA
1893	COLUMBIA GAS TRANS	20459	STILNEN, L	PIKE	2300FNL 2200FEL 3	J87	1205	3792	3645		GAS	10 3398BREA
1894	COLUMBIA GAS TRANS	20457	KENTLAND CO	PIKE	550FNL 150FEL 3	J87	1783	4384	4235		GAS	10 3398BREA
1896	COLUMBIA GAS TRANS	20595	KENTLAND CO	PIKE	1650FSL 1800FEL 7	J87	1087	3647	3486		GAS	10 3398BREA
1897	UNITED FUEL GAS CO	4592	BERNINO CUMP 218	PIKE	600FNL 1500FEL 8	J87	1328	3888	3748		GAS	10 3398BREA
1898	KY WEST VA GAS CO	1452	BIG SANDY LU	PIKE	1450FNL 100FEL13	J86	954	3427	3288	<0.1	GAS	0 3410H1U
1899	KY WEST VA GAS CO	7049	CHILDERS, LUVEN	PIKE	500FNL 2300FEL12	J86	853	3370	3220		GAS	10 3398BREA
1901	KY WEST VA GAS CO	1503	BETHLEHEM MINES CO	PIKE	600FSL 400FEL13	J86	843	3401	3239		GAS	0 3398BREA
1902	KY WEST VA GAS CO	1504	BETHLEHEM MINES CO	PIKE	1600FNL 1900FEL18	J86	859	3414	3284		GAS	0 3398BREA
1903	COLUMBIA GAS TRANS	9650	BERNINO CUMP ETAL	PIKE	1000FSL 1800FEL15	K88	1045	3593	3454		GAS	10 3398BREA
1904	UNITED FUEL GAS CO	9478	KENTLAND COAL & CO	PIKE	200FNL 700FEL16	K88	1042	3599	3464	<0.1	GAS	10 3398BREA
1905	UNITED FUEL GAS CO	9482	CLINE, J S	PIKE	2800FNL 2200FEL16	K88	1256	4164	3394		GAS	3398BREA
1906	UNITED FUEL GAS CO	9483	KENTLAND COAL & CO	PIKE	500FSL 1100FEL16	K88	1341	3914	3774		GAS	10 3398BREA
1907	COLUMBIA GAS TRANS	9725	KENTLAND CO 228	PIKE	1900FSL 240FEL16	K88	1598	4134	4011		GAS	36 3398BREA
1908	COLUMBIA GAS TRANS	9693	KENTLAND CO 223	PIKE	1200FSL 1800FEL14	K88	917	3479	3350		GAS	10 3398BREA
1909	COLUMBIA GAS TRANS	20232	THURNBURY, JAMES E	PIKE	2975FNL 900FEL13	K88	1215	3736	3605		GAS	30 3398BREA
1910	UNITED CARBON CO		KY WEST VA GAS	PIKE	1600FSL 450FEL15	K85		3737	2869		GAS	0 3410H1U
1912	ELLIOT, W E ETAL		SANDERS, GROVER C	PIKE	300FSL 1250FEL14	K85	1350	4286	3345		GAS	0 3410H1U
1913	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	1650FSL 1000FEL14	K85	737	4153	2973		GAS	0 3410H1U
1914	COLUMBIAN FUEL CO	1442	CHESAPEAKE MINERAL	PIKE	2550FSL 2100FEL15	K86	991	4040	3118		GAS	10 3410H1U

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1915	UNITED CARBON CO		REPUBLIC CORP	PIKE	2200FSL1900FML14	K86	1361	3666	3302			
1916	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	100FSL1850FML15	K85	980	3797	2922	GAS	10	339BREA
1918	UNITED CARBON CO	1975	REPUBLIC STEEL COR	PIKE	1750FSL 450FML16	K85	1105	3927	3078	GAS	10	3410H10
1921	ELLIOT, ETAL		STEWART & ROW	PIKE	300UFNL 650FEL16	K85		4318	3475	GAS	0	3410H10
1922	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	1700FSL 250FEL16	K85	1511	4361	3515	GAS	0	3410H10
1923	KY WEST VA GAS CO	5993	ADKINS, JOHN M	PIKE	850FSL2000FEL16	K85	1360	4472	3307	GAS	0	3410H10
1926	KY WEST VA GAS CO	6040	BOWLES & RATLIFF	PIKE	500FSL 800FML17	K85	1361	4472	3325	GAS	26	3410H10
1927	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2000FSL2150FML17	K85	1386	4250	3410	GAS	42	3410H10
1931	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	750FNL1350FML18	K85	1286	4100	3205	GAS	0	3410H10
1932	KY WEST VA GAS CO	6211	RATLIFF, JOEL	PIKE	2800FSL2250FML18	K85	1224	4101	3189	GAS	0	3410H10
1933	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	1550FNL1550FEL18	K85	1191	4082	3160	GAS	0	3410H10
1934	KY WEST VA GAS CO	6231	JOHNSON, GEO	PIKE	2200FSL 50FEL18	K85	1091	4010	3103	GAS	10	3410H10
1936	KY WEST VA GAS CO	1036	HATCHER, JACK L	PIKE	1050FSL1700FML19	K85	1146	4154	3255	GAS	10	3410H10
1937	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2450FSL1400FEL19	K85	1309	4325	3400	GAS	0	3410H10
1938	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	150FSL1450FEL19	K85	914	3923	3018	GAS	10	3410H10
1941	KY WEST VA GAS CO	1052	LOLEMAN, M M	PIKE	1500FSL1800FEL20	K85	763	3034	2860	GAS	12	339BREA
1942	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	2600FNL1350FEL20	K85	915	3957	3055	GAS	10	3410H10
1944	KY WEST VA GAS CO	6642	RATLIFF, RICHARD	PIKE	200FSL1650FML16	K86	961	9044	3116	GAS	0	3410H10
1946	KY WEST VA GAS CO	6014	ADKINS, PETER	PIKE	450FSL1550FML25	K85	1357	4198	3340	GAS	0	3410H10
1948	KY WEST VA GAS CO	6080	BOWLES & RATLIFF	PIKE	2200FSL1150FEL25	K85	1304	4455	3342	GAS	0	3410H10
1951	KY WEST VA GAS CO	6054	CULEMAN, MILES	PIKE	2050FSL1200FML24	K85	1118	4016	3117	GAS	0	3410H10
1952	KY WEST VA GAS CO	6120	RATLIFF, BOWLES	PIKE	150FSL1800FEL24	K85	1323	4232	3354	GAS	0	3410H10
1953	KY WEST VA GAS CO	6092	BOWLES & RATLIFF	PIKE	2250FNL1900FEL24	K85	1236	4143	3206	GAS	10	3410H10
1955	KY WEST VA GAS CO	6216	BOWLES & RATLIFF	PIKE	500FNL 500FML23	K85	1383	4226	3332	GAS	0	3410H10
1958	KY WEST VA GAS CO	1040	HATCHER, JACK L	PIKE	1200FNL 950FEL23	K85	1253	4253	3318	GAS	0	3410H10
1959	KY WEST VA GAS CO	6232	BOWLES & RATLIFF	PIKE	1450FSL1150FML22	K85	1176	3391	3327	GAS		339BREA
1961	UNITED CARBON CO		RATLIFF, SILAS	PIKE	2200FNL1800FEL22	K85	1517	4522	3626	GAS	10	
1962	KY WEST VA GAS CO	6263	RATLIFF & BOWLES	PIKE	700FSL1850FEL22	K85	1012	4035	3140	GAS	10	3410H10
1963	LINDSEY, M H		KUBINSON, J M	PIKE	350FNL 550FML21	K85	850	3960	3055	GAS	30	3410H10
1964	UNITED CARBON CO		RATLIFF, SILAS	PIKE	1900FNL 150FML21	K85	1165	4145	3228	GAS	45	3410H10
1966	LINDSEY & ELLIOTT		ASHLAND OIL & REPU	PIKE	5050FNL2250FML21	K85	797	3834	2943	GAS	10	3410H10
1967	UNITED CARBON CO		SPARKS, SIDIE C	PIKE	5000FNL1950FEL21	K85	902	3968	3020	GAS	0	3410H10
1970	UNITED CARBON CO		REPUBLIC STEEL COR	PIKE	1300FNL 350FEL21	K85	1239	4303	3405	GAS	25	3410H10
1971	LINDSEY & ELLIOTT		CULEMAN, M H	PIKE	2900FSL 800FML25	K86	1223	4140	3398	GAS	40	3410H10
1972	KY WEST VA GAS CO	6396	DILLS & PATTERSON	PIKE	550FSL 450FML25	K86	1385	4469	3567	GAS	10	3410H10
1973	KY WEST VA GAS CO	6377	VANCE, WALTER	PIKE	2300FSL2200FML25	K86	1169	4260	3365	GAS	26	3410H10
1975	KY WEST VA GAS CO	6403	VANCE, WALTER	PIKE	2000FSL 200FML24	K86	778	3885	3005	GAS	10	3410H10
1977	ASHLAND OIL & REFI	5033	REPUBLIC STEEL COR	PIKE	2800FNL2400FEL24	K86	1127	3555	3386	GAS	80	339BREA
1978	KY WEST VA GAS CO	6897	KERR, J C	PIKE	600FSL 550FML23	K86	857	3297	3145	GAS	26	339BREA
1979	KY WEST VA GAS CO	7029	KERR, J C	PIKE	2300FSL1900FML23	K86	817	3240	3070	GAS	15	339BREA
1980	KY WEST VA GAS CO		GIBSON, JAMES	PIKE	1600FNL 250FNL 5	J85	1429	4320	3444	GAS	10	3410H10
1981	KY WEST VA GAS CO	6203	RATLIFF, HARVEY	PIKE	1850FNL2300FNL 5	J85	1296	4164	3298	GAS	10	3410H10
1984	KY WEST VA GAS CO	6244	RATLIFF, JOHN	PIKE	1750FSL1700FNL 4	J85	1222	4108	3250	DLA	10	

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1987	KY WEST VA GAS CU	6159	BOWLES, E RATLIFF	PIKE	100DFNL1150FNL 3 J85	1049	4034	3100		GAS	10	3410H10
1990	KY WEST VA GAS CO	6319	COLEMAN, DAVID	PIKE	150DFNL1850FNL 2 J85	832	3659	3000		GAS	10	3410H10
1991	KY WEST VA GAS CU	6342	KELLEY, V J	PIKE	300DFNL1500FEL 2 J85	1047	4128	3200		GAS	0	3410H10
1992	KY WEST VA GAS CU	6344	VENTERS, J M	PIKE	850FNL 50FNL 1 J85	843	3873	2995		GAS	10	3410H10
1993	KY WEST VA GAS CO	6372	DAMMUN, S R	PIKE	1200FNL1450FEL 1 J85	976	4070	3164		GAS	0	3410H10
1995	KY WEST VA GAS CO	6411	COLEMAN, HARVEY	PIKE	200FSL 650FNL 1 J85	1322	4394	3508		GAS	10	3410H10
1996	KY WEST VA GAS CO		COLEMAN, DAVID	PIKE	500FSL2000FEL 1 J85	1130	3528	3358		GAS	10	3398BREA
1997	KY WEST VA GAS CU	6392	COLEMAN, DAVID	PIKE	150FSL 700FEL 1 J85	1417	4538	3626		GAS	42	3410H10
1998	KY WEST VA GAS CU	6407	DILE & PATTERSON	PIKE	2600FNL 900FNL 5 J86	1258	4394	3484		GAS	0	3410H10
1999	KY WEST VA GAS CU	6409	MAY, JAMES E	PIKE	1200FNL2100FEL 5 J86	1089	4237	3324		GAS	0	3410H10
2000	KY WEST VA GAS CU	6442	HUBERTS, RISELY	PIKE	1300FSL1400FNL 5 J86	1080	4250	3345		GAS	10	3410H10
2001	KY WEST VA GAS CU	7139	ROBERTS, RISELY	PIKE	2750FSL1300FEL 5 J86	829	3329	3154		GAS	73	3398BREA
2002	KY WEST VA GAS CO	6428	HUBERTS, RISELY	PIKE	2400FNL 30FEL 5 J86	1130	4302	3385		GAS	10	3410H10
2004	KY WEST VA GAS CU	7092	MAY, JAMES	PIKE	2850FNL 150FNL 4 J86	986	3412	3246		GAS	39	3398BREA
2004	KY WEST VA GAS CU	6419	MAY, FLOYD	PIKE	250FNL 900FNL 4 J86	1016	4186	3275		GAS	15	3410H10
2006	KY WEST VA GAS CU	6647	MAY, GEORGE W	PIKE	2200FSL2200FNL 4 J86	1124	3541	3406		GAS	103	3398BREA
2007	KY WEST VA GAS CU	6589	OWENS, J F	PIKE	350FSL 800FNL 4 J86	1362	3766	3678		GAS	37	3398BREA
2008	KY WEST VA GAS CO	6688	FIELDS, CHARLES	PIKE	1450FSL 100FNL 3 J86	1303	3746	3625		GAS	146	3398BREA
2009	KY WEST VA GAS CU	6611	OWENS, J F	PIKE	50FSL1250FEL 4 J86	1452	3912	3795		GAS	15	3398BREA
2010	LINDSEY & ELLIOTT		FOLLIOTT, ELLA	PIKE	50FSL1750FNL 3 J86	1241	3728	3621		GAS	10	3398BREA
2011	KY WEST VA GAS CU	6062	RAILIFF, HARRISON	PIKE	450FNL1050FNL 6 J85	1342	4137	3295		GAS	0	3410H10
2012	KY WEST VA GAS CU	6098	RAILIFF, HARRISON	PIKE	2500FNL 100FNL 7 J85		4077	3197		UEA	10	
2014	KY WEST VA GAS CU	6306	STEWART, TEDDY	PIKE	450FNL1100FEL 8 J85	1164	4187	3340		GAS	10	3410H10
2015	KY WEST VA GAS CU	6438	BARTLEY, J A	PIKE	1350FSL 650FNL 9 J85	1353	4444	3559		GAS	0	3410H10
2016	KY WEST VA GAS CU	6464	BARTLEY, J A	PIKE	100FSL2250FNL 9 J85	1438	4564	3692		GAS	32	3410H10
2017	KY WEST VA GAS CU	6424	BARTLEY, JAMES A	PIKE	2250FSL2300FNL 9 J85	1248	4355	3571		GAS	10	3410H10
2019	KY WEST VA GAS CU	6431	BARTLEY, JESSE	PIKE	2000FNL 550FEL 9 J85	1289	4420	3516		GAS	10	3410H10
2021	KY WEST VA GAS CU	6410	BARTLEY, JESSE	PIKE	2600FNL 900FNL10 J85	1349	4382	3602		GAS	10	3410H10
2022	KY WEST VA GAS CU	6495	RAMEY, WILLIAM	PIKE	450FSL1300FNL10 J85	1351	4532	3658		GAS	0	3410H10
2023	KY WEST VA GAS CU	6486	RAMEY, WILLIAM	PIKE	1800FSL2300FEL10 J85	1395	4582	3707		GAS	0	3410H10
2024	KY WEST VA GAS CU		RAMEY, WILLIAM	PIKE	2950FNL1600FEL10 J85	1301	3725	3555		GAS	10	3398BREA
2025	KY WEST VA GAS CU	6415	COLEMAN, DANIEL	PIKE	550FNL2000FEL10 J85	1181	4426	3507		GAS	10	3410H10
2026	KY WEST VA GAS CU	6503	RAMEY, WILLIAM	PIKE	300FNL 100FNL 6 J86	1283	4506	3581		GAS	10	3410H10
2027	KY WEST VA GAS CU	6465	RAMEY, WILLIAM	PIKE	300FNL1100FNL 6 J86	1206	4400	3488		GAS	10	3410H10
2028	ASHLAND OIL & REFI	5039	CULONY COAL & CUKE	PIKE	1000FSL2000FNL 6 J86	1426	3927	3734		GAS	10	3398BREA
2029	ASHLAND OIL, INC		CULONY COAL & CUKE	PIKE	2300FNL 600FNL 7 J86	1209	3724	3539		GAS		3398BREA
2030	KY WEST VA GAS CU	6545	VENTERS, STEPHEN	PIKE	2700FNL1800FEL 7 J86	1343	4625	3695		GAS	10	3410H10
2031	KY WEST VA GAS CU	7000	KAMET, JASPER	PIKE	2100FNL 550FNL 8 J86	1408	4000	3845		GAS		3398BREA
2033	KY WEST VA GAS CU		BUMLING, HENRY	PIKE	700FNL 900FNL15 J85	1235	4255	3398		GAS	0	3410H10
2034	KY WEST VA GAS CU		BLAIR HUNK LUAL CO	PIKE	2450FNL 950FNL15 J85	1502	3869	3670		UEA	0	
2035	KY WEST VA GAS CU	6227	BARTLEY, ELI & BRI	PIKE	200FNL1900FEL15 J85	1095	4194	3310		GAS	0	3410H10
2036	KY WEST VA GAS CU	6266	MULLINS, JAMES A	PIKE	2600FSL1450FEL15 J85	1340	4387	3527		GAS	0	3410H10
2037	ASHLAND OIL & REFI	5040	CULONY COAL & CUKE	PIKE	2150FNL 400FNL15 J86	1734	4218	4042		GAS	10	3398BREA

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY	
2038	KY WEST VA GAS CO		NAMEY, WILLIAM	PIKE	2050FNL 450FEL15	J86	1502	4009	3852		GAS	0	3398KEA
2039	KY WEST VA GAS CO	1505	BETHLEHEM MINES CO	PIKE	2850FSL 2250FEL14	J86	1358	4653	3720		GAS	26	3398KEA
2040	KY WEST VA GAS CO		DILLS & PATTERSON	PIKE	1100FSL 1150FEL14	J86	1682	4202	4020		GAS		3398KEA
2042	KY WEST VA GAS CO	1440	BIG SANDY CU	PIKE	2250FNL 2300FEL13	J86	1107	3640	3466		GAS	10	3398KEA
2044	KY WEST VA GAS CO	1092	BIG SANDY CU ISAND	PIKE	10FSL 1050FEL16	J85	1350	4299	3464		GAS	0	3410H1U
2045	KY WEST VA GAS CO		BLAIR FURK COAL CO	PIKE	1250FNL 1950FEL17	J85	1391	3757	3578		GAS	10	3398KEA
2046	KY WEST VA GAS CO		BLAIR FURK COAL CO	PIKE	1600FSL 100FEL17	J85	1592	4013	3830		GAS	0	3398KEA
2047	KY WEST VA GAS CO		BARTLEY, ROLAND	PIKE	2000FNL 1300FEL18	J85	1412	3844	3723		GAS		3398KEA
2048	KY WEST VA GAS CO		BATLIFF, JOHN	PIKE	50FSL 1400FEL18	J85	1363	3880	3705		GAS		3398KEA
2049	KY WEST VA GAS CO		BANTLEY, NUAH Z	PIKE	2650FSL 300FEL19	J85	1363	3850	3657		GAS	0	3398KEA
2050	KY WEST VA GAS CO		BARTLEY, PLEASANT	PIKE	250FNL 1950FEL20	J85	1647	5165	3955		GAS	0	3398KEA
2051	KY WEST VA GAS CO		CHILDERS, WILLIAM	PIKE	2850FNL 2300FEL20	J85	1365	3782	3594		GAS		3398KEA
2052	ASHLAND OIL INC	64	COLONY COAL & COKE	PIKE	2750FSL 1350FEL16	J86	1151	3681	3549		GAS	0	3398KEA
2053	KY WEST VA GAS CO	2098	POTTER, RICHARD	PIKE	950FSL 1450FEL16	J86	1071	3609	3456		GAS	0	3398KEA
2054	KY WEST VA GAS CO		POTTER, RICHARD	PIKE	1800FSL 1500FEL17	J86	1177	3720	3570		GAS	0	3398KEA
2055	ASHLAND OIL, INC		COLONY COAL & COKE	PIKE	400FNL 1100FEL17	J86	1542	4109	3934		GAS	0	3398KEA
2056	KY WEST VA GAS CO		SANDERS, T J	PIKE	2250FNL 1800FEL25	J85	1311	3712	3439		GAS		3398KEA
2057	KY WEST VA GAS CO		BLAIR FURK COAL	PIKE	2400FNL 600FEL24	J85	1391	4555	3653		GAS		3410H1U
2058	KY WEST VA GAS CO		BLAIR FURK COAL CO	PIKE	1250FNL 2050FEL24	J85	1345	3830	3589		GAS	10	3398KEA
2059	KY WEST VA GAS CO		FRANLISCU, B L C	PIKE	2600FNL 500FEL22	J85	1305	3806	3623		GAS	0	3285ALI
2060	KY WEST VA GAS CO		RATLIFF, JOHN	PIKE	100FNL 800FEL22	J85	1186	3668	3469		GAS	10	3398KEA
2061	KY WEST VA GAS CO		RATLIFF, JOHN	PIKE	1650FNL 1950FEL22	J85	1140	3666	3495		GAS	0	3398KEA
2062	KY WEST VA GAS CO		RATLIFF, ALEXANDER	PIKE	1900FSL 500FEL22	J85	4097	4097	3965		GAS	0	3398KEA
2063	KY WEST VA GAS CO		CHILDERS, WILLIAM	PIKE	250FNL 1700FEL21	J85	1113	3701	3503		GAS	0	3398KEA
2064	KY WEST VA GAS CO	7110	POTTER, RICHARD	PIKE	1300FNL 1150FEL25	J86	1235	3758	3603		GAS	0	3398KEA
2068	UNITED CARBON CO		COLONY COAL & COKE	PIKE	50FSL 2000FEL11	K83	1136	3516	2840		GAS	0	3410H1U
2070	UNITED MINERAL DEV		MAY FARM	PIKE	1100FSL 1800FEL15	K84		3581	2806		GAS	0	3410H1U
2071	KY WEST VA GAS CO	5836	BARTLEY, CHAS	PIKE	150FSL 800FEL15	K84	1185	3643	2864		GAS	0	3410H1U
2072	DAMMON FURK DEV CO		ROBERTS, JOHN	PIKE	1400FSL 1600FEL14	K84	1074	3578	2778		GAS	0	3410H1U
2073	KY WEST VA GAS CO	5803	DAMMON, WILLIAM J	PIKE	1750FSL 1800FEL13	K84	827	3390	2580		GAS	10	3410H1U
2075	LINDSEY & ELLIOTT		JACKETT, D M	PIKE	2400FSL 1500FEL12	K84	1440	4149	3337		GAS	84	
2076	KY WEST VA GAS CO	5749	DAMMON, WILSON	PIKE	1900FSL 1450FEL12	K84	1510	4251	3415		GAS	10	3410H1U
2080	KY WEST VA GAS CO	5889	HOPKINS, JOHN	PIKE	2200FSL 1600FEL11	K84	1180	3955	3110		GAS	0	3410H1U
2082	UNITED CARBON CO		COLONY COAL & COKE	PIKE	1500FNL 1950FEL19	K83	1105	3473	2695		GAS	0	3410H1U
2084	UNITED CARBON CO		COLONY COAL & COKE	PIKE	3000FNL 150FEL19	K83	1177	3544	2780		GAS	0	3410H1U
2085	UNITED CARBON CO		COLONY COAL & COKE	PIKE	2650FNL 1900FEL20	K83	1015	3461	2700		GAS	0	3410H1U
2086	UNITED CARBON CO		CARBON COAL & COKE	PIKE	1200FSL 900FEL20	K83		3305	2563		GAS	0	3410H1U
2087	KY WEST VA GAS CO	5559	OWENS, MARY	PIKE	1800FSL 1450FEL20	K83	1161	3582	2818		GAS	0	3410H1U
2088	UNITED CARBON CO		CARBON COAL & COKE	PIKE	2250FNL 250FEL16	K84	1141	3203	2784		GAS	10	3410H1U
2093	KY WEST VA GAS CO	5466	AUKINS, SPURLUCK	PIKE	700FSL 1400FEL16	K84	814	3268	2486		GAS	0	3410H1U
2094	KY WEST VA GAS CO	5081	NEWSON, HARMON	PIKE	850FSL 1250FEL16	K84	884	3354	2560		GAS	0	3410H1U
2096	DAMMON FURK DEV PR		ROBERTS, JOHN	PIKE	600FNL 2300FEL17	K84	993	3490	2685		GAS	0	3410H1U
2098	KY WEST VA GAS CO	1236	DAMMON, ROBERT ETA	PIKE	1300FSL 1650FEL17	K84	1183	3715	2410		GAS	0	3410H1U

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2099	KILEY & SCOTT GAS		BRANHAM, LEONARD	PIKE	700FSL1550FEL17 K84		3367	2565		GAS	0	3410H10
2102	KY WEST VA GAS CU		BRANHAM, LEONARD	PIKE	2900FNL 400FNL18 K84	1158	3722	2915		GAS	0	3410H10
2103	KY WEST VA GAS CU	1326	KY BLUCK FUEL CO	PIKE	300FNL 750FNL18 K84	1048	3606	2805		GAS	0	3410H10
2104	KY WEST VA GAS CU	5790	DAMRON, ROBERT	PIKE	250FNL2250FEL18 K84	1359	3961	3160		GAS	0	3410H10
2105	KY WEST VA GAS CU	5898	BRANHAM, ELISHA	PIKE	2100FSL1650FEL18 K84	1407	4070	3250		GAS	0	3410H10
2107	DAMRON FURK DEV PR		SHELBY CREEK COAL	PIKE	500FSL 100FNL19 K84	1280	3968	2132		GAS	0	3410H10
2108	KY WEST VA GAS CU	5735	MITCHELL, ROBERT	PIKE	2150FNL 600FNL19 K84	1413	4131	3306		GAS	0	3410H10
2109	KY WEST VA GAS CU	5687	MILLEN, JAMES M	PIKE	1550FNL1600FEL19 K84	1117	3871	3005		GAS	0	3410H10
2110	DAMRON FURK DEV PR		SHELBY CREEK COAL	PIKE	1800FSL 800FEL19 K84	1404	4263	3404		GAS	0	3410H10
2111	KY WEST VA GAS CU	5858	FERRILL & MATCHER	PIKE	250FNL 650FNL20 K84	1405	4167	3324		GAS	10	3410H10
2112	KY WEST VA GAS CU	5823	FERRILL & MATCHER	PIKE	400FNL1950FNL20 K84	1171	3952	3100		GAS	10	3410H10
2113	UNITED CARBON CO		REPUBLIC STEEL CO	PIKE	2600FNL1150FEL20 K84	1184	3982	2354		GAS	10	3410H10
2115	KY WEST VA GAS CU	1351	BENTLEY, ELLA F	PIKE	300FSL1400FNL20 K84	1283	4094	3237		GAS	0	3410H10
2122	KY WEST VA GAS CU	750	KEEL, S M	PIKE	2850FNL1900FEL21 K83	946	3395	2614		GAS	10	3410H10
2131	UTILITIES ELKHORN	9	UTILITIES ELKHORN	PIKE	2200FNL 700FNL25 K84		3486	2695		GAS	10	3410H10
2132	UTILITIES ELKHORN	3	UTILITIES ELKHORN	PIKE	2750FSL 600FNL25 K84		3500	2697		GAS	10	3410H10
2134	KY WEST VA GAS CU	5968	NEWSON, WILBURN	PIKE	1600FNL 600FEL25 K84	1170	3655	2875		GAS	10	3410H10
2143	KY WEST VA GAS CU		BRANHAM, JOHN	PIKE	2200FNL2000FEL23 K84	893	3520	2710		GAS	0	3410H10
2144	KY WEST VA GAS CU	938	BRANHAM, MATILDA	PIKE	1650FSL1900FEL23 K84	1131	3765	2954		GAS	0	3410H10
2146	DAMRON FURK DEV PR		SHELBY CREEK COAL	PIKE	2850FSL 600FNL22 K84		3726	2855		GAS	10	3410H10
2147	DAMRON FURK DEV PR		JOHNSON-BRIGGS & P	PIKE	350FNL1650FNL22 K84	1143	3851	3002		GAS	0	3410H10
2148	LINDSEY, M M		DAMRON FURK C	PIKE	750FSL1500FEL22 K84		4300	3490		GAS	0	3410H10
2149	KY WEST VA GAS CU	944	BENTLEY, ELLA F	PIKE	1400FNL 250FNL21 K84	1423	4217	3364		GAS	10	3410H10
2150	KY WEST VA GAS CU	964	DAMRON, JOHN	PIKE	850FNL1950FEL21 K84	1389	4199	3335		GAS	0	3410H10
2151	LINDSEY, M M		CULMAN, K P	PIKE	2050FNL1800FEL21 K84	1420	4193	3368		GAS	0	3410H10
2154	KY WEST VA GAS CU	5924	TRIPLETT, N B	PIKE	2200FNL1650FEL 3 J83	1141	3205	2658		GAS	0	3410H10
2157	KY WEST VA GAS CU	6387	ELKINS, JAMES	PIKE	1400FSL2100FNL 2 J83	1103	3542	2790		GAS	10	3410H10
2161	KY WEST VA GAS CU	5860	TRIVETT, LEVI	PIKE	2300FSL 700FEL 1 J83	901	3416	2675		GAS	10	3410H10
2163	UTILITIES ELKHORN	1	JOHNSON, B F ETAL	PIKE	500FNL1500FNL 5 J84		3685	2892		GAS	49	3410H10
2173	KY WEST VA GAS CU	5760	NEWSON, DAVID	PIKE	2400FSL 950FEL 4 J84	1066	3662	2850		GAS	0	3410H10
2176	KY WEST VA GAS CU	5939	RUPPELL, RICHARD	PIKE	1000FNL1300FEL 3 J84	1423	4056	3272		GAS	15	3410H10
2177	KY WEST VA GAS CU	5956	LITTLE, WILLIAM	PIKE	10FSL2300FEL 3 J84	1152	3769	2952		SEA	0	
2178	KY WEST VA GAS CU	5900	LITTLE, REUBEN	PIKE	1650FSL 10FNL 2 J84	1205	3868	3048		GAS	0	3410H10
2180	KY WEST VA GAS CU	5818	LITTLE, THOMAS	PIKE	2850FNL2050FEL 2 J84	1284	4023	3185		GAS	0	3410H10
2181	KY WEST VA GAS CU	5926	LITTLE, RUEBEN	PIKE	300FSL2350FEL 2 J84	1271	3971	3145		GAS	0	3410H10
2182	KY WEST VA GAS CU	5849	LITTLE, THOMAS	PIKE	1750FNL 10FNL 1 J84	1476	4227	3382		GAS	10	3410H10
2183	KY WEST VA GAS CU	6131	HYLTON, ROBERT	PIKE	50FNL1600FEL 1 J84	1938	4777	3924		GAS	0	3410H10
2184	KY WEST VA GAS CU	6182	RATLIFF, ALEX	PIKE	2750FNL 400FEL 1 J84	1531	4366	3515		GAS	0	3410H10
2187	KY WEST VA GAS CU	5779	OSBURN, WILLIAM	PIKE	200FNL1100FNL 9 J83	1273	3725	2982		GAS	10	3410H10
2188	KY WEST VA GAS CU	5991	OSBURN, STEPHEN	PIKE	2100FSL1450FNL 9 J83	952	2860	2678		GAS	10	3410H10
2189	KY WEST VA GAS CU	5991	OSBURN, STEPHEN	PIKE	2100FSL 1450FNL 9 J83	952	2860	2678		GAS	10	3410H10
2189	KY WEST VA GAS CU	6355	OSBURN, SHERWOOD	PIKE	1300FNL1250FEL 9 J83	1093	3558	2811		GAS	0	3410H10
2190	JENKINS, OLIVER	1	HALL, GEORGE	PIKE	3000FSL 200FEL 9 J83		3391	2630		GAS	103	3410H10

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2191	JENKINS, OLIVEN	1	USBURN, MAGGIE	PIKE	1700FSL1500FEL 9 J83	3393	2626		GAS	0	3410H1U	
2192	ARCHER & MEADE	1	SIZEMORE, MAGEK	PIKE	2150FNL 950FNL10 J83	2619	1438		GAS	0	3558G5X	
2193	ELSWICK DEV SYNDIC	2-7E	JOHNSON, W H C	PIKE	1400FNL2000FEL10 J83	1072	3631	2820	GAS	0	3410H1U	
2194	ELSWICK DEV SYNDIC	2E	OSBURN, SHERWOOD	PIKE	200FNL2050FEL10 J83		3510	2700	GAS	10	3410H1U	
2195	ELSWICK DEV SYNDIC	1-5E	TACKETT, BENJAMIN	PIKE	1650FNL 300FNL 6 J84		3580	2790	GAS	10	3410H1U	
2206	UNITED FUEL GAS CO	6609	SHELBY CREEK COAL	PIKE	450FSL1250FEL 8 J84	1414	4090	3270	GAS	10	3410H1U	
2207	KY WEST VA GAS CU	5976	JOHNSON, JAMES	PIKE	2400FNL1100FEL 8 J84	1226	4093	3080	UEA	0		
2208	KY WEST VA GAS CU	5935	JOHNSON, JAMES	PIKE	1450FSL 100FNL 9 J84	1313	3994	3180	GAS	10	3410H1U	
2209	KY WEST VA GAS CU	5977	JOHNSON, JAMES	PIKE	2750FNL1950FNL 9 J84	1368	4092	3275	GAS	10	3410H1U	
2210	KY WEST VA GAS CU		JOHNSON, JAMES	PIKE	1050FSL1350FEL 9 J84	1567	4333	3520	GAS	0	3410H1U	
2212	KY WEST VA GAS CU	6018	HYLTON, ROBERT	PIKE	200FNL1500FNL10 J84	1384	4205	3401	GAS	10	3410H1U	
2213	KY WEST VA GAS CU	6060	ROBERTS, J I	PIKE	2750FNL 800FNL10 J84	1484	4290	3444	GAS	0	3410H1U	
2214	KY WEST VA GAS CU	6158	BOWLING, MARTIN	PIKE	1700FSL1450FEL10 J84	1369	4241	3303	GAS	0	3410H1U	
2215	KY WEST VIRGINIA G	6345	BUNK, RUBIAS	PIKE	1900FNL2050FEL13 J83	1225	3741	2980	GAS	10	3410H1U	
2219	JENKINS, OLIVEN	1	LAUDILL, JESSIE	PIKE	350FNL 100FNL12 J83		3690	2955	GAS	15	3410H1U	
2220	JENKINS & ARCHER	1	BUNK, MOSE	PIKE	100FNL1800FNL12 J83	948	3414	2662	GAS	10	3410H1U	
2229	SHELBY CREEK DEV P	9	KINNEY, WILLIAM	PIKE	600FNL1200FNL15 J84		3814	2990	GAS	15	3410H1U	
2239	KY WEST VA GAS CU	5961	HYLTON, ROBERT	PIKE	2850FNL 50FNL13 J84	1657	4607	3550	GAS	10	3410H1U	
2242	KY WEST VA GAS CU	6091	BOWLING, HENRY	PIKE	350FNL 650FEL11 J84	1329	4146	3307	GAS	10	3410H1U	
2244	KY WEST VA GAS CU	6117	MULLINS, TANDY W	PIKE	2000FNL 300FEL18 J83	1376	3949	3196	GAS	10	3410H1U	
2266	KY WEST VA GAS CU	6279	ADDINGTON, H I	PIKE	1900FNL1400FEL23 J83	1473	4002	3257	GAS	10	3410H1U	
2275	KY WEST VA GAS CU	6290	BACHTI, GEO	PIKE	1900FSL1350FEL22 J83	1328	3888	3142	GAS	10	3410H1U	
2276	KY WEST VA GAS CU	6287	COOK, J S	PIKE	2600FSL 350FEL23 J83	1345	3880	3265	GAS	10	3410H1U	
2293	UNITO CARBON CU		COLUMB COAL & COKE	PIKE	2650FSL1000FEL15 K83		3528	2828	GAS	0	3410H1U	
2294	LINDSEY ETAL		NEWSUM ROBERT	PIKE	1500FSL 700FEL14 K83		3478	2740	GAS	0	3410H1U	
2296	UNITED CARBON CO		C C & C CU 46	PIKE	100FNL 950FEL24 K83	1374	3657	2950	GAS	0	3410H1U	
2297	KY WEST VA GAS CU	6028	USBURN, GEU W	PIKE	2500FSL2350FNL25 K83	1434	3672	2950	GAS	0	3410H1U	
2298	KY WEST VA GAS CU	6073	USBURN, C	PIKE	2700FSL 0FNL24 K83	1278	3562	2840	GAS	0	3410H1U	
2299	KY WEST VA GAS CU	6085	USBURNE, JESSE B	PIKE	700FSL1700FNL24 K83	1136	3458	2735	GAS	0	3410H1U	
2300	UNITED CARBON CU	1166	C C & C CU 42	PIKE	2000FSL 400FNL23 K83		3508	2793	GAS	0	3410H1U	
2301	KY WEST VA GAS CU	6051	OSBURN, GEORGE W	PIKE	300FNL2000FNL 5 J83	1519	3832	3110	GAS	0	3410H1U	
2304	KY WEST VA GAS CU	6007	AREKS, HENRY	PIKE	500FNL 100FEL 4 J83	1075	3443	2690	GAS	0	3410H1U	
2305	KY WEST VA GAS CU	6025	TACKETT, HIRAM	PIKE	2700FNL2200FEL 4 J83	1145	3515	2790	GAS	10	3410H1U	
2306	KY WEST VA GAS CU	5951	JOHNSON, CALEB	PIKE	550FSL2000FEL 5 J83		3851	3112	GAS	10	3410H1U	
2307	KY WEST VA GAS CU	5994	JOHNSON, DAVID	PIKE	100FNL 700FNL 7 J83	1304	3675	2966	GAS	10	3410H1U	
2309	KY WEST VA GAS CU	6177	HAMPTON, MARTIN	PIKE	700FNL1450FNL 8 J83	907	3349	2594	GAS	0	3410H1U	
2311	KY WEST VA GAS CU	6129	TACKETT, ABEL	PIKE	1500FSL2050FEL 6 J83	970	3336	2640	GAS	0	3410H1U	
2312	KY WEST VA GAS CU	6155	TACKETT, ABEL	PIKE	2100FNL1100FEL 6 J83	1326	3720	2998	GAS	0	3410H1U	
2314	KY WEST VA GAS CU	6154	TACKETT, ENOCH	PIKE	3000FNL 900FNL 7 J83	1308	3717	2985	GAS	0	3410H1U	
2315	KY WEST VA GAS CU	6130	TACKETT, MILMARD	PIKE	2750FSL1150FEL 7 J83	943	3374	2625	GAS	0	3410H1U	
2317	KY WEST VA GAS CU	6107	LITTLE, CORNELIUS	PIKE	1400FSL 700FNL 8 J83	1199	3642	2905	GAS	10	3410H1U	
2318	KY WEST VA GAS CU	5937	TACKETT, MARTIN	PIKE	2450FSL 350FNL15 J83	1016	3400	2700	GAS	0	3410H1U	
2319	KY WEST VA GAS CU	6148	HALL, THURSEY	PIKE	1000FNL1550FNL15 J83	986	3359	2643	GAS	0	3410H1U	

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TU	BREA	PERM	CMPL	IP	PAY
2321	KY WEST VA GAS CU	9202	TACKITT, JASPER	PIKE	500FNL 0FNL14 J83	1163	3551	2030		GAS	0	3410H1U
2322	KY WEST VA GAS CU	6145	TACKITT, ABELL	PIKE	2900FNL1500FNL14 J83	1367	3782	3060		GAS	10	3410H1U
2323	KY WEST VA GAS CU	6174	JOHNSON, J MONROE	PIKE	300FSL 400FNL15 J83	1026	3424	2725		GAS	0	3410H1U
2325	KY WEST VA GAS CO	6126	JOHNSON, WAYNE	PIKE	400FSL1150FNL14 J83	1191	3640	2915		GAS	0	3410H1U
2327	KY WEST VA GAS CO	6146	TACKITT, JOHN	PIKE	1900FNL 500FEL14 J83	1350	3801	3085		GAS	0	3410H1U
2328	JENKINS, OLIVER		ROBERTS, W J	PIKE	850FSL1250FNL13 J83		3807	3095		GAS	33	3410H1U
2330	KY WEST VA GAS CO	6069	JOHNSON, SILAS	PIKE	3000FSL 500FNL18 J82	1319	3623	2940		GAS	0	3410H1U
2331	KY WEST VA GAS CO	6055	JOHNSON, SILAS	PIKE	2750FSL2300FEL18 J82	1257	3583	2885		GAS	0	3410H1U
2333	KY WEST VA GAS CU	5990	JOHNSON, ANDREW	PIKE	2800FSL 300FEL18 J82	1226	3616	2905		GAS	0	3410H1U
2334	KY WEST VA GAS CU	6019	JOHNSON, ANDREW	PIKE	450FSL 400FEL18 J82	1335	3753	3004		GAS	0	3410H1U
2336	KY WEST VA GAS CO	6088	JOHNSON, BAILEY	PIKE	1700FNL1550FNL19 J82	1180	3512	2862		GAS	0	3410H1U
2337	KY WEST VA GAS CO	6174	JOHNSON	PIKE	1000FSL2100FEL19 J82	1208	3580	2909		GAS	10	3410H1U
2338	KY WEST VA GAS CO	6101	JOHNSON, MARTHA	PIKE	2900FNL 800FEL19 J82	1118	3481	2812		GAS	0	3410H1U
2340	UNITED FUEL GAS CU	6067	JOHNSON, W H C	PIKE	150FSL2250FNL20 J82	1419	3830	3140		GAS	0	3410H1U
2341	KY WEST VA GAS CO	6077	HALL, MUSELAN	PIKE	2650FSL1700FEL20 J82	1218	3626	2920		GAS	10	3410H1U
2342	KY WEST VA GAS CU	6217	JOHNSON, J H	PIKE	1000FNL1000FEL20 J82	1045	3456	2715		GAS	0	3410H1U
2343	UNITED FUEL GAS CO	6065	JOHNSON, W H C 2	PIKE	500FSL 350FEL20 J82	1236	3662	2968		GAS	10	3410H1U
2344	KY WEST VA GAS CO	966	JOHNSON, B F	PIKE	3000FSL1400FNL16 J83	1162	3612	2892		GAS	0	3410H1U
2348	KY WEST VA GAS CO	998	JOHNSON, B F	PIKE	1550FSL 550FNL17 J83	1230	3725	3000		GAS	10	3410H1U
2349	KY WEST VA GAS CU	988	JOHNSON, B F	PIKE	2900FSL2000FEL17 J83	1403	3940	3218		GAS	0	3410H1U
2350	KY WEST VA GAS CU	6234	GREER, M U L	PIKE	1300FSL 400FEL17 J83	1498	4008	3252		GAS	0	3410H1U
2355	KY WEST VA GAS CO	6500	HAMPTON, SALOME	PIKE	800FNL 350FNL23 J82	1486	3782	3133		GAS	0	3410H1U
2356	KY WEST VA GAS CU	6475	JOHNSON, ANKREY	PIKE	2700FNL2100FEL23 J82	1987	4320	3668		GAS	0	3410H1U
2357	KY WEST VA GAS CO	1029	PITTSBURGH CONSOLI	PIKE	1500FNL1700FNL22 J82	1358	3734	3055		GAS	0	3410H1U
2358	KY WEST VA GAS CO	6205	JOHNSON, PLEASANT	PIKE	1900FSL2100FNL22 J82	1382	3806	3137		GAS	0	3410H1U
2359	KY WEST VA GAS CU	6242	JOHNSON, B F	PIKE	2750FSL1300FNL21 J82	1405	3849	3160		GAS	10	3410H1U
2360	KY WEST VA GAS CO	6214	JOHNSON, WILLIAM	PIKE	150FSL 850FNL21 J82	1271	3712	3026		GAS	0	3410H1U
2361	KY WEST VA GAS CU	6219	JOHNSON, B F	PIKE	2550FNL 800FEL21 J82	1395	3666	3180		GAS	0	3410H1U
2363	KY WEST VA GAS CU	6236	JOHNSON, B F	PIKE	650FSL 300FEL21 J82	1195	3636	2970		GAS	0	3410H1U
2364	KY WEST VA GAS CU	6368	JOHNSON, B F	PIKE	2950FSL1650FNL25 J83	1414	3863	3150		GAS	0	3410H1U
2366	KY WEST VA GAS CU	1004	JOHNSON, B F	PIKE	1400FNL 500FEL25 J83	1143	3618	2925		GAS	0	3410H1U
2367	KY WEST VA GAS CO	1125	JOHNSON & TRIVETTE	PIKE	600FNL1050FNL24 J83	1419	3905	3200		GAS	10	3410H1U
2368	KY WEST VA GAS CU	6238	RIDDLE, JEFF	PIKE	2400FSL 500FEL24 J83	1216	3727	2975		GAS	42	3410H1U
2369	KY WEST VA GAS CU		WRIGHT, JOHN W	PIKE	400FSL2000FNL24 J83	1428	3940	3210		GAS	0	3410H1U
2371	KY WEST VA GAS CU		MULLINS, W B	PIKE	1250FSL 400FEL24 J83	1453	4054	3234		GAS	0	3410H1U
2372	KY WEST VA GAS CU	6308	MULLINS, W B	PIKE	2500FNL1400FNL23 J83	1500	4061	3305		GAS	0	3410H1U
2373	UNITED CARBON CO	1174	C C L C CO 44	PIKE	1050FNL1200FNL23 J83		3439	2708		GAS	0	3410H1U
3000	UNITED CARBON CO		CLINE, J S	PIKE	1600FSL1000FNL 2 L84		3260	2465		GAS	0	3410H1U
3001	UNITED FUEL GAS CO	5358	CHILDRENS, KELSIE E	PIKE	1600FNL 450FEL 3 L86	1250	4145	3233		GAS	42	3410H1U
3002	COLUMBIAN FUEL CO	1357	KONE, G C ETAL A-1	PIKE	2800FNL1800FEL 3 L86	1131	4034	3075		GAS	0	3410H1U
3003	UNITED CARBON CO	2665	MASON LUAL & LUKE	PIKE	2850FSL 750FNL 2 L86	1116	3194	3050		GAS	30	3398K1A
3004	MANFIELD NAT GAS C	5291	CHILDRENS, KELSIE E	PIKE	1800FNL 800FNL 2 L86	990	3780	2948		GAS	0	3410H1U
3005	UNITED CARBON CO		MASON LUAL & CORE	PIKE	1650FNL2100FEL 2 L86	1159	4020	3073		GAS	28	3410H1U

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TO	BREA	PERM	CMPL	IP	PAY
3006	COLUMBIAN FUEL CORP		KY & WEST VA GAS C	PIKE	1650FNL2150FEL 2 L86	928	3795	2825	GAS	0	3410H1U	
3007	COLUMBIAN FUEL CORP		KY & WEST VA GAS C	PIKE	1200FNL2350FNL 1 L86	918	3837	2823	GAS	10	3410H1U	
3008	UNITED FUEL GAS CO	8083	KENTLAND COAL & CO	PIKE	3150FNL 950FEL 1 L86	1342	4291	3277	GAS	26	3410H1U	
3009	UNITED FUEL GAS CO	9493	KENTLAND COAL & CO	PIKE	1200FNL2200FEL 5 L87	1140	4005	3010	GAS	0	3410H1U	
3010	UNITED FUEL GAS CO	5383	KENTLAND COAL & CO	PIKE	1650FNL 250FNL 4 L87	1018	4099	3060	GAS	0	3410H1U	
3011	UNITED FUEL GAS CO	5750	KENTLAND COAL & CO	PIKE	2800FNL 50FNL 3 L87	1820	4578	3517	GAS	103	3410H1U	
3012	COLUMBIAN FUEL CORP		HARDIN, CATHERINE	PIKE	800FNL1100FNL 2 L87	1430	4688	3612	GAS	0	3410H1U	
3013	UNITED FUEL GAS CO	8233	BALL, WILLIE	PIKE	1650FNL1200FEL 2 L87	1608	4880	3808	GAS	0	3410H1U	
3014	UNITED FUEL GAS CO	8522	WATSON, FRANK	PIKE	1250FNL1600FNL 1 L87	1269	4562	3505	GAS	21	3410H1U	
3015	UNITED FUEL GAS CO	8541	BALL, WILLIE	PIKE	2950FNL2200FNL 1 L87	1617	4915	3868	GAS	0	3410H1U	
3015	COLUMBIAN GAS TRANS	20020	KENTLAND CO 237	PIKE	200FSL3450FEL22 L87	993	3971	3353	GAS	10	3398REA	
3016	COLUMBIAN FUEL CORP		ROWE, C C ETAL C-1	PIKE	2850FNL1800FEL 3 L86	1395	4289	3342	GAS	10	3410H1U	
3017	COLUMBIAN FUEL CO		KY & W VA GAS CO B	PIKE	1100FSL1450FEL 2 L86	1046	4045	2990	GAS	0	3410H1U	
3018	COLUMBIAN FUEL CORP		KY & W VA GAS CO 8	PIKE	800FSL 900FNL 1 L86	1065	4030	2952	GAS	10	3410H1U	
3019	UNITED FUEL GAS CO	6140	KENTLAND COAL & CO	PIKE	600FSL1250FEL 1 L86	1650	4580	3675	GAS	0	3410H1U	
3020	UNITED FUEL GAS CO	2748	LAYNE, DELMAN 1	PIKE	2300FSL 600FNL 5 L87	1260	4294	3307	GAS	15	3410H1U	
3021	UNITED FUEL GAS CO	8089	KENTLAND COAL & CO	PIKE	2150FSL 800FEL 5 L87	987	4040	3033	GAS	26	3410H1U	
3022	UNITED FUEL GAS CO	8088	KENTLAND COAL & CO	PIKE	650FSL 750FNL 4 L87	1002	4078	3075	GAS	15	3410H1U	
3023	UNITED FUEL GAS CO	6718	KENTLAND COAL & CO	PIKE	2290FSL2100FNL 4 L87	1653	4768	3745	GAS	10	3410H1U	
3024	COLUMBIAN FUEL CORP		HARDIN, CATHERINE	PIKE	50FSL2000FNL 4 L87	1012	4131	3115	GAS	0	3410H1U	
3025	UNITED FUEL GAS CO	2721	KENTLAND COAL & CO	PIKE	1350FSL 400FEL 4 L87	1040	4252	3170	GAS	94	3410H1U	
3026	COLUMBIAN FUEL CORP		CLINCHFIELD COAL C	PIKE	2900FSL1300FNL 3 L87	1132	3421	3278	GAS	54	3398REA	
3027	COLUMBIAN FUEL CORP		CLINCHFIELD COAL C	PIKE	850FSL1850FNL 3 L87	1054	3339	3220	GAS	140	3398REA	
3028	UNITED FUEL GAS CO	6147	WATSON, FRANK ETAL	PIKE	1600FSL1100FEL 3 L87	1317	4550	3505	GAS	10	3410H1U	
3029	COLUMBIAN FUEL CORP		HARDIN, CATHERINE	PIKE	2500FSL 550FNL 2 L87	1167	3489	3353	GAS	73	3398REA	
3030	COLUMBIAN FUEL CORP		HARDIN, CATHERINE	PIKE	500FSL1050FNL 2 L87	1307	3635	3505	GAS	10	3410H1U	
3031	COLUMBIAN FUEL CORP		PHILLIPS, MARGIE 1	PIKE	2300FSL 550FEL 2 L87	1190	4474	3435	GAS	112	3410H1U	
3033	UNITED CARBON CO	1185	STANTON, P B 1	PIKE	2800FSL 100FNL 9 L86	1344	4057	3254	GAS	0	3410H1U	
3034	COLUMBIAN FUEL CORP		KY-WEST VA B-10	PIKE	2200FSL2000FNL 9 L86	1572	3673	3490	GAS	73	3410H1U	
3037	UNITED FUEL GAS CO	6141	AYNE, VICTOR ETAL	PIKE	2700FSL2200FNL10 L86	1415	4425	3430	GAS	0	3410H1U	
3038	UNITED FUEL GAS CO	5749	LAYNE, DELMAN ETAL	PIKE	2700FNL1600FNL 6 L87		4373	3385	GAS	10	3410H1U	
3039	UNITED FUEL GAS CO	8705	KENTLAND COAL & CO	PIKE	2550FNL 150FNL 7 L87	1599	4730	3690	GAS	0	3410H1U	
3040	UNITED FUEL GAS CO	6145	KENTLAND COAL & CO	PIKE	1150FNL 500FEL 7 L87	1375	4379	3355	GAS	10	3410H1U	
3041	UNITED FUEL GAS CO	6146	KENTLAND COAL & CO	PIKE	700FNL2000FEL 8 L87	1085	4320	3288	GAS	169	3410H1U	
3042	UNITED FUEL GAS CO	6674	KENTLAND COAL & CO	PIKE	2600FNL1900FEL 8 L87	1414	4660	3612	GAS	10	3410H1U	
3043	COLUMBIAN FUEL CORP	1330	CHESAPEARE MINERAL	PIKE	2900FSL1100FEL 8 L87	1350	3761	3555	GAS	207	3410H1U	
3044	UNITED FUEL GAS CO	6579	KENTLAND COAL & CO	PIKE	1850FNL 400FNL 9 L87	1420	4584	3600	GAS	47	3410H1U	
3045	COLUMBIAN FUEL CORP	1359	HARDIN, CATHERINE	PIKE	500FNL2050FEL 9 L87	1420	4665	3625	GAS	0	3410H1U	
3046	UNITED FUEL GAS CO	6823	KENTLAND COAL 19	PIKE	2800FSL1600FNL 9 L87	1537	4711	3705	GAS	21	3410H1U	
3047	UNITED FUEL GAS CO	8041	KENTLAND COAL & CO	PIKE	1950FNL 100FEL 9 L87	1508	4825	3770	GAS	21	3410H1U	
3048	LITLES SRV OIL CO	1540	WATSON, J L 4	PIKE	1500FNL1950FEL10 L87	1545	3991	3826	GAS	10	3398REA	
3049	UNITED CARBON CO	1258	JUSTICE, ZACH 3	PIKE	250FSL1350FEL 8 L86		4179	3337	GAS	0	3410H1U	
3050	COLUMBIAN FUEL CORP		KY-WEST VIRGINIA	PIKE	600FSL1350FNL 9 L86	1621	3781	3585	GAS	292	3410H1U	

MAPNO	OPERATOR	WELL NO	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
3051	UNITED FUEL GAS CO	6980	RUME, G C 36057	PIKE	1000FNL1200FNL12 L86	1626	4602	3621			GAS	0 3410HIU
3052	UNITED FUEL GAS CO	5868	RUME, G C 2	PIKE	600FNL1700FNL12 L86	1476	4422	3500			GAS	10 3410HIU
3053	COLUMBIAN FUEL CO		KY-WEST VA B-5	PIKE	2150FSL 250FEL 9 L86	1253	4228	3245			GAS	0 3410HIU
3053	KY WEST VA GAS CO	6047	MOPKINS, JOHN	PIKE	1450FSL 700FEL 1 J82	1721	4161	3475			GAS	10 3410HIU
3054	KY WEST VA GAS CO	6141	CALMOUN, REBELCA	PIKE	400FSL 450FEL 9 J82	1156	3490	2800			GAS	0 3410HIU
3054	UNITED FUEL GAS CO	8028	RUME, G C	PIKE	300FNL1350FNL11 L86	1533	4580	3595			GAS	15 3410HIU
3055	UNITED FUEL GAS CO	6293	KENTLAND COAL & CO	PIKE	650FNL 600FEL11 L86	1778	4850	3852			GAS	0 3410HIU
3056	UNITED FUEL GAS CO	6498	JUSTICE, T H	PIKE	2700FNL1600FNL 6 L87	1482	4564	3579			GAS	0 3410HIU
3057	KY WEST VA GAS CO	6127	JACKITT, MANTON	PIKE	2800FSL2100FNL11 J82	1220	3630	2865			GAS	10 3410HIU
3057	UNITED FUEL GAS CO	8170	KENTLAND COAL & CO	PIKE	700FSL1150FEL 6 L87	1610	4752	3715			GAS	10 3410HIU
3058	UNITED FUEL GAS CO	8487	KENTLAND COAL & CO	PIKE	2200FSL1900FEL 7 L87	1809	5970	3980			GAS	32 3410HIU
3058	KY WEST VA GAS CO	6188	JACKITT, SHERWOOD	PIKE	1500FNL 150FEL12 J82	1319	3673	2987			GAS	0 3410HIU
3059	KY WEST VA GAS CO	6074	JACKITT, A H	PIKE	2850FSL 500FNL12 J82	1948	4251	3590			GAS	0 3410HIU
3059	UNITED FUEL GAS CO	8082	KENTLAND COAL & CO	PIKE	1300FSL 900FNL 8 L87	1603	4885	3822			GAS	10 3410HIU
3060	UNITED FUEL GAS CO	8903	KENTLAND COAL & CO	PIKE	400FNL1750FNL14 L87	1635	4815	3810			GAS	0 3410HIU
3060	KY WEST VA GAS CO	6095	JACKITT, ABEL	PIKE	2200FSL 300FNL 6 J83	1168	3219	2812			GAS	0 3410HIU
3060	KY WEST VA GAS CO	6044	JACKITT, ENON	PIKE	400FNL2100FNL12 J82	1357	3653	2968			GAS	0 3410HIU
3061	COLUMBIAN FUEL CUR		CHESAPEAKE MINERAL	PIKE	400FNL2200FEL13 L87	1549	4876	3780			GAS	0 3410HIU
3061	COLUMBIAN FUEL CUR	1234	FURD MOTOR CO	PIKE	700FNL1500FEL 9 M88	864	4020	3035			GAS	15 3398HEA
3061	KY WEST VA GAS CO	6224	WHITE, JOHN W	PIKE	250FSL 900FEL12 J82	1382	3674	2990			GAS	0 3410HIU
3062	COLUMBIAN FUEL CUR	1214	CHESAPEAKE MINERAL	PIKE	1300FSL 350FEL 8 L87	1221	4477	3500			GAS	97 3410HIU
3063	COLUMBIAN FUEL CUR	1230	CHESAPEAKE MINERAL	PIKE	1100FNL 100FEL	1269	4500	3478			USA	0
3063	KY WEST VA GAS CO	6134	JHNSON, SILAS	PIKE	2650FNL1350FEL17 J82	1526	3806	3140			GAS	0 3410HIU
3064	UNITED FUEL GAS CO	8904	KENTLAND COAL	PIKE	1500FSL 100FNL10 L87	1411	4668	3630			UFL	133 3398HEA
3069	KY WEST VA GAS CO	7253	BUNLES, NUNA C	PIKE	2575FNL 350FEL21 J85	1570	4198	4037			GAS	10 3398HEA
3401	WHITIS, BEE		HUFFMAN HRS	PIKE	1250FSL 550FEL 8 L84		3114	2273			GAS	0 3410HIU

MAP NO.	OPERATOR	WELL NO.	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
90	UNITED FUEL GAS CO	8707	KENTLAND COAL & COKE	PIKE	1250FNL 850FEL18 L87	1516	4868	3799		GAS	0	3410HIO
105	UNITED FUEL GAS CO	8753	KENTLAND COAL & COKE	PIKE	1850FSL 750FEL18 L87	1249	4575			GAS	0	3410HIO
116	UNITED FUEL GAS CO	8954	KENTLAND COAL & COKE	PIKE	1300FSL1200FWL18 L87	1321	4665	3590		GAS	0	3410HIO
127	UNITED FUEL GAS CO	8325	G. C. ROWE	PIKE	2350FNL1700FEL21 L86	943	4136	3108		GAS	21	3410HIO
153	COLUMBIA GAS TRANS	20020	KENTLAND COAL & COKE	PIKE	0FSL1200FWL22 L87	993	3471	3353		GAS	10	339BREA
267	WARFIELD NAT. GAS	5283	TAYLOR J M ET AL	PIKE	200FSL 450FWL 3 N84	965	3154			GAS		3410HIO
279	HOWE OIL & GAS CO		TAYLOR, JOE	PIKE	2900FNL1100FWL 2 N84	697	4204			GAS	0	3410HIO
320	HATCHER & SPRADLIN	1	SCOTT, M	PIKE	1100FNL 650FWL14 N84		2879			GAS	0	3410HIO
364	UNITED FUEL GAS CO	8814	G C BEVINS	PIKE	1800FNL 800FWL 3 N86	1084	3600	2828		GAS	0	3410HIO
384	UNITED FUEL GAS CO	6256	FEDERAL GAS & OIL CO	PIKE	800FNL2300FEL 7 N86	763	3258			GAS	0	3410HIO
407	UNITED FUEL GAS CO	8675	HARRIS, S HEIRS	PIKE	2000FSL 25FEL 1 086	770	3333			GAS	0	3410HIO
500	PINEY OIL & GAS CO	3	ROGERS BROTHERS	PIKE	1100FSL1350FWL 6 N87	960	4018	2715		P & A	0	3410HIO
501	COLUMBIAN FUEL COR	856	ROGERS BROTHERS	PIKE	2750FEL1300FWL 7 N87	859	3862			GAS	0	3410HIO
590	MOUNTAINEER O & G		ALLEY, O T	PIKE	900FSL 350FEL 2 M88		3600			GAS	0	3410HIO
687	PINEY OIL & GAS CO		TIERNEY, L E	PIKE	300FSL 350FWL13 N87		3784			GAS	0	3410HIO
822	COLUMBIAN FUEL COR	7	KY WEST VA GAS	PIKE	900FNL1800FEL22 M86	871	4081	2798		GAS	0	3410HIO
858	COLUMBIAN FUEL COR	886	SMITH HEIRS	PIKE	1700FNL 200FEL15 M87	1159	3120			P & A	0	339BREA
978	KY WEST VA GAS	853	TAYLOR, J A	PIKE	2300FNL1500FEL 7 M85	847	3356			GAS	0	3410HIO
1040	KY WEST VA GAS	899	SCOTT, LAWYER	PIKE	2400FSL 900FWL16 M85	1058	3160	2793		GAS	0	3410HIO
1042	ELLIOT, W E		HILLARD, MAYNARD	PIKE	1460FSL2350FEL16 M85	1320	3752			GAS	0	3410HIO
1060	KY WEST VA GAS	5822	WILLIAMSON, HIBBARD	PIKE	2700FNL1500FEL25 M85	1031	3520			GAS	0	3410HIO
1143	KY WEST VA GAS	5363	STRATTON, W C	PIKE	1900FNL2250FWL 2 M83	841	2910	2215		GAS	0	3410HIO
1152	KY WEST VA GAS		MILLER, E		625FSL1625FEL22 N84	918	3316	2460		GAS	0	3410HIO
1170	HATCHER, JAMES		SCALF, ALICE	PIKE	1700FNL2200FWL10 M83		3056			GAS	0	3410HIO
1249	WARFIELD NAT GAS	4203	HATFIELD, F M	PIKE	2000FNL2400FEL18 M84		3095			GAS	0	3410HIO
1253	KY WEST VA GAS	5892	GILLIAM, J C	PIKE	900FNL1100FEL20 M84		3422			GAS	0	3410HIO
1296	UNITED FUEL GAS CO	8865	KENTLAND COAL & COKE	PIKE	2250FNL 250FEL 1 L89		4475			GAS	0	3410HIO
1297	UNITED FUEL GAS CO	8012	KENTLAND COAL & COKE	PIKE	2000FNL 100FEL 5 L90	1038	4741			GAS	0	3410HIO
1418	UNITED FUEL GAS CO	9458	BERWIND CORPORATION	PIKE	1150FSL 600FEL 9 K88	1542	4042			GAS	0	3410HIO
1480	UNITED CARBON CO		POMPEY COAL & COKE	PIKE	500FSL 200FWL 6 L86	1127	3866	3042		GAS	0	3410HIO
1481	KY WEST VA GAS	5812	THACKER, A	PIKE	750FNL1300FWL15 L86	1244	4055	3165		GAS	0	3410HIO
1483	KY WEST VA GAS	915	PAULEY, M E	PIKE	2300FNL 200FWL15 L85	986	3495	2687		GAS	0	3410HIO
1497	KY WEST VA GAS	1590	POMPEY COAL & COKE	PIKE	1400FNL1900FEL11 L85	1271	4130			GAS	0	3410HIO
1516	KY WEST VA GAS	5923	THACKER, ELISHA	PIKE	800FNL 800FWL16 L86	932	3791			GAS	0	3410HIO

MAP NO.	OPERATOR	WELL NO.	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
1518	KY WEST VA GAS	5497	SLONE, W W	PIKE	1625FNL1700FWL17 L86	783	3714			GAS	0	3410HIO
1519	KY WEST VA GAS	5519	THACKER, EMILY	PIKE	350FNL1700FEL17 L86	1005	3991			GAS	0	3410HIO
1526	UNITED CARBON CO		SOUTH SHELBY LAND	PIKE	1075FSL2200FWL18 L85	916	3692			CAS	0	3410HIO
1536	KY WEST VA GAS	5497	SLONE, W M	PIKE	2000FNL1500FWL17 L86	783	3707	2762		GAS	0	3410HIO
1537	KY WEST VA GAS	5463	SLONE, W M	PIKE	2200FNL2800FWL17 L86	984	3136	2972		GAS	0	3410HIO
1538	UNITED CARBON CO		MASON COAL & COKE	PIKE	1250FSL1500FEL17 L86	901	3240			GAS	0	3410HIO
1558	KY WEST VA GAS	934	JUSTICE, A E	PIKE	700FNL1250FEL25 L86	934	3644			GAS	0	3410HIO
1564	WARFIELD NAT GAS	5465	RATLIFF, R H HEIRS	PIKE	2000FSL1500FWL21 L85		3436			GAS	0	3410HIO
1574	KY WEST VA GAS	5324	JUSTICE, ARRON	PIKE	2000FSL1500FWL21 L85	893	3782			GAS	0	3410HIO
1596	WARFIELD NAT GAS	5525	RATLIFF, R H HEIRS	PIKE	1950FSL1000FWL 5 K85		3603			GAS	0	3410HIO
1622	UNITED FUEL GAS CO	4988	HARPER, JOHN H	PIKE	1100FNL1000FEL 9 K85	890	2955			GAS	0	339BREA
1625	UNITED CARBON CO	823	FORD, C HEIRS	PIKE	1900FNL 925FWL10 K85		3923			GAS	0	3410HIO
1638	FRANK SCOTT	1	COFF, J A	PIKE	1600FSL 300FEL 9 K85		3580	2680		GAS	0	3410HIO
1647	WARFIELD NAT GAS	4898	LONG, A C ET AL	PIKE	700FNL1100FWL12 K85	950	3859			GAS	0	3410HIO
1659	UNITED CARBON CO		CASSADY, J M	PIKE	300FNL 900FEL 4 L84		3028			GAS	0	3410HIO
1721	UNITED CARBON CO	464	COLONY COAL & COKE	PIKE	150FSL 400FWL15 L84	1134	3404	2650		GAS	0	3410HIO
1760	KY WEST VA GAS	5298	FARMER, W	PIKE	1600FNL2200FEL25 L84					GAS	0	3410HIO
1761	UNITED FUEL GAS	5082	AKERS, G W	PIKE	500FNL1100FEL25 L84	830	3201	2450		GAS	0	3410HIO
1777	KY WEST VA GAS		SWINNEY, VONNIE	PIKE	100FSL 50FEL21 L83	1197	3511	2870		GAS	0	3410HIO
1812	KY WEST VA GAS	5424	MAY, A J	PIKE	300FSL1650FWL 4 K84	1041	3424			GAS	0	3410HIO
1822	UNITED MIN DEV		MAY, MARY	PIKE	2000FNL1700FWL 9 K83	1260	3566			GAS	0	3410HIO
1867	UNITED FUEL GAS CO	8665	KENTLAND COAL & COKE	PIKE	2900FSL 650FEL14 K87	1501	4867	3865		GAS	0	3410HIO
1875	UNITED FUEL GAS CO	8503	CLINE, J S	PIKE	1500FSL 700FWL19 K87	1127	4908	3502		GAS	0	3410HIO
1879	UNITED FUEL GAS CO	9421	KENTLAND COAL & COKE	PIKE	1900FNL 200FWL21 K86	985	3458	2907		GAS	0	3410HIO
1885	COLUMBIA GAS TRANS	20233	KENTLAND COAL & COKE	PIKE	2900FSL1600FWL22 K87	1411	3987	3848		GAS	10	339BREA
1940	UNITED CARBON		REPUBLIC STEEL	PIKE	2600FNL 300FWL20 K85	1048	4073			GAS	0	3410HIO
1943	LINDSEY, WV		OWENS, VERDA	PIKE	2950FNL 200FEL20 K85	738	3745			GAS	0	3410HIO
1956	KY WEST VA GAS	6206	ADKINS, L	PIKE	2750FSL1800FWL23 K85	1175	4079			CAS	0	3410HIO
1968	KY WEST VA GAS	6318	RATLIFF, V H	PIKE	1450FSL1400FEL21 K85	1069	4162			GAS	0	3410HIO
1970	UNITED CARBON		REPUBLIC STEEL	PIKE	1300FNL 350FEL21 K85	1239	4303	3529		GAS	25	339BREA
1974	KY WEST VA GAS	6590	MARTIN, R	PIKE	1000FNL 400FEL25 K86	1177	4326			GAS	0	3410HIO
1976	KY WEST VA GAS	7131	MAY, FLOYD	PIKE	1450FSL 400FWL24 K86	740	3149	3096		GAS	0	339BREA
1982	UNITED FUEL GAS	6225	CHARLES, AMANDA	PIKE	2800FNL 100FEL 4 J85	1123	3944	3047		CAS	0	3410HIO
1985	KY WEST VA GAS	6260	CHILDERS, E	PIKE	2700FNL1000FEL 4 J85	1398	4319			GAS	0	3410HIO
1986	KY WEST VA GAS	6237	RATLIFF, ANDY	PIKE	500FSL2400FEL 4 J85	1104	4128			GAS	0	3410HIO

MAP NO.	OPERATOR	WELL NO.	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM CMPL	IP	PAY
1989	KY WEST VA GAS		COLEMAN, MILES	PIKE	2250FNL 550FEL 3 J85	1109	4176		GAS	0	3410HTO
1994	KY WEST VA GAS	6371	DAMRON, S	PIKE	2750FSL 700FWL 1 J85	1066	4147	3350	GAS	0	3410HTO
2013	KY WEST VA GAS	6337	RATLIFF, A	PIKE	600FNL 900FWL 8 J85	1007	4059		GAS	0	3410HTO
2018	KY WEST VA GAS	6390	HILTON, D	PIKE	650FNL2050FEL 9 J85	1070	4158		GAS	0	3410HTO
2020	KY WEST VA GAS		WELLS, A	PIKE	1300FNL 700FWL10 J85	1682	3863		GAS	0	3410HTO
2041	KY WEST VA GAS	7065	CHILDERS, LOVEN	PIKE	2700FSL 400FEL14 J86	1369	3885	3731	GAS	0	339BREA
2043	KY WEST VA GAS			PIKE	600FSL1850FWL13 J86	1673	4200		P & A	0	339BREA
2069	UNITED MINERAL DEV		MAY FARM	PIKE	1750FSL 50FEL11 K83		3335		GAS	0	3410HTO
2078	KY WEST VA GAS		DAMRON, WILSON	PIKE	400FSL2000FEL12 K84	996	3733		GAS	0	3410HTO
2090	KY WEST VA GAS	5514	BARTLEY, CHAS	PIKE	2700FNL1650FEL16 K84	800	3262		GAS	0	3410HTO
2092	KY WEST VA GAS	5503	ADKINS, S	PIKE	1200FSL 200FWL16 K84	1168	3600		GAS	0	3410HTO
2095	KY WEST VA GAS	5531	BARTLEY, CHAS	PIKE	1650FNL 50FWL17 K84	835	3305		GAS	0	3410HTO
2097	KY WEST VA GAS	770	DAMRON, R	PIKE	2250FNL2150FWL17 K84	793	3281		GAS	0	3410HTO
2101	KY WEST VA GAS	788	BARTLEY, S	PIKE	1250FNL 900FEL17 K84	952	3467		GAS	0	3410HTO
2114	DAMRON FORK DEV		COLEMAN, M M	PIKE	1400FSL1800FWL20 K84		3985		GAS	0	3410HTO
2116	UNITED CARBON	1137	COLONY COAL & COKE	PIKE	2300FNL1000FEL23 K83	990	3371	2626	GAS	0	3410HTO
2117	KY WEST VA GAS	5986	OSBORN, H	PIKE	1200FSL2250FEL23 K83	1076	3436	2682	GAS	0	3410HTO
2118	KY WEST VA GAS	5966	CASEBOLT, H	PIKE	1000FSL1250FWL22 K83	1064	3488	2727	GAS	0	3410HTO
2119	UNITED CARBON		COLONY COAL & COKE	PIKE	1300FNL1500FEL22 K83	961	3331	2594	GAS	0	3410HTO
2123	KY WEST VA GAS		HOWELL, L	PIKE	1100FSL1100FWL21 K83	834	3262	2499	GAS	0	3410HTO
2124	LINDSEY, ET AL	1	JOHNSON, G F	PIKE	1900FSL1100FEL21 K83		3267		GAS	0	3410HTO
2129	UTILITIES ELKHORN COAL	11	UTILITIES ELKHORN	PIKE	450FSL1350FWL25 K84		3419		GAS	0	3410HTO
2130	UTILITIES ELKHORN COAL	2	UTILITIES ELKHORN	PIKE	1100FSL2100FWL25 K84		3589		GAS	0	3410HTO
2133	KY WEST VA GAS	5485	ADKINS, S	PIKE	1450FNL1950FWL25 K84	1307	3842		GAS	0	3410HTO
2135	UTILITIES ELKHORN COAL	12	JOHNSON, B F	PIKE	1800FSL 200FWL24 K84	1384	3934		GAS	0	3410HTO
2136	UTILITIES ELKHORN COAL	7	UTILITIES ELKHORN	PIKE	750FNL2350FEL24 K84		3488		GAS	0	3410HTO
2137	UTILITIES ELKHORN COAL	5	UTILITIES ELKHORN	PIKE	2000FSL2100FWL24 K84		3534		GAS	0	3410HTO
2155	KY WEST VA GAS	5980	HAMPTON, C	PIKE	250FSL1650FEL 3 J83	893	3331		GAS	0	3410HTO
2156	KY WEST VA GAS	5835	OSBORN, J C	PIKE	1800FNL1350FWL 2 J83	978	3385		GAS	0	3410HTO
2158	KY WEST VA GAS	789	TACKETT, T J	PIKE	300FNL 850FEL 2 J83	848	3276		GAS	0	3410HTO
2159	KY WEST VA GAS	5645	TACKETT, W	PIKE	2700FSL 100FWL 1 J83	1047	3483		GAS	0	3410HTO
2160	ELSWICK DEV	1-4E	OSBORN, S	PIKE	50FSL 750FWL 1 J83		3824		GAS	0	3410HTO
2162	KY WEST VA GAS	5504	TRIVETT, LEVI	PIKE	1150FNL 600FEL 1 J83	846	3310		GAS	0	3410HTO
2164	KY WEST VA GAS	5527	GREER, J A	PIKE	2250FNL2150FWL 5 J84	1242	3777		GAS	0	3410HTO
2166	UTILITIES ELKHORN COAL		JOHNSON, B F	PIKE	650FNL 300FEL 5 J84	1253	3775		GAS	0	3410HTO

MAP NO.	OPERATOR	WELL NO.	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
2167	KY WEST VA GAS	5467	BRANHAM, J H	PIKE	100FSL1350FEL 5 J84	1223	4847			GAS	0	3410HIO
2168	KY WEST VA GAS	5572	ELSWICK, G W	PIKE	2300FNL 250FEL 5 J84	1042	3572			GAS	0	3410HIO
2170	KY WEST VA GAS	5676	NEWSOM, D	PIKE	2650FSL2000FWL 4 J84	969	3506			GAS	0	3410HIO
2171	KY WEST VA GAS	5721	NEWSOM, D	PIKE	700FSL1100FWL 4 J84	1082	3648			GAS	0	3410HIO
2174	KY WEST VA GAS	5960	ROBERTS, J	PIKE	1950FNL1100FWL 3 J84	1154	3780			GAS	0	3410HIO
2186	KY WEST VA GAS	6049	OSBORN, S	PIKE	2500FSL1350FEL 8 J83	1217	3641			GAS	0	3410HIO
2197	ELSWICK DEV	1	JOHNSON, W H C	PIKE	2500FSL1450FWL 6 J84	1096	3659			GAS	0	3410HIO
2198	KY WEST VA GAS	5815	BRANHAM, J H	PIKE	2350FNL1200FEL 6 J84	1329	3859			GAS	0	3410HIO
2199	KY WEST VA GAS	5845	BRANHAM, W	PIKE	450FSL1250FEL 6 J84	1506	4069			GAS	0	3410HIO
2200	KY WEST VA GAS	5965	NEWSOM, D	PIKE	1850FSL1000FWL 7 J84	1279	3856			GAS	0	3410HIO
2201	KY WEST VA GAS	5948	NEWSOM, D	PIKE	1950FNL1200FWL 7 J84	1107	3676			GAS	0	3410HIO
2202	KY WEST VA GAS	6843	MITCHELL, G W	PIKE	950FNL1000FEL 7 J84	1259	3886			GAS	0	3410HIO
2203	KY WEST VA GAS	6812	JOHNSON, J K	PIKE	2700FSL1350FEL 7 J84	1281	3914			GAS	0	3410HIO
2205	KY WEST VA GAS	5957	MARTIN, A	PIKE	2400FSL1350FWL 8 J84	1083	3736			GAS	0	3410HIO
2217	KY WEST VA GAS	6346	BURK, T	PIKE	100FSL1650FEL13 J83	1453	3945			GAS	0	3410HIO
2221	PITTSBURGH CONSOL	1	BURK, A	PIKE	2900FSL1300FWL12 J83		4227			GAS	0	3410HIO
2224	KY WEST VA GAS	6050	CREER, M D L	PIKE	170FSL 30FEL12 J83	979	3507			GAS	0	3410HIO
2225	KY WEST VA GAS	5979	ELSWICK, E	PIKE	1850FNL1050FWL11 J83	1116	3801			GAS	0	3410HIO
2227	KY WEST VA GAS	6087	WRIGHT, M	PIKE	600FSL 750FEL11 J83	1200	3716			GAS	0	3410HIO
2228	SHELBY CREEK DEV	2	KINNEY, W	PIKE	2200FNL 550FWL15 J84		3864			GAS	0	3410HIO
2230	RILEY AND SCOTT		HORN, H	PIKE	2450FNL 450FEL15 J84		3871			GAS	0	3410HIO
2231	KY WEST VA GAS	6245	SANDERS, J	PIKE	850FSL1850FEL15 J84	1164	3759			GAS	0	3410HIO
2232	RILEY AND SCOTT		NEWSOME, D	PIKE	700FNL1300FWL14 J84	1605	4080			GAS	0	3410HIO
2233	KY WEST VA GAS	5987	DAY, P W	PIKE	1500FSL1950FEL14 J84	1401	4286			GAS	0	3410HIO
2234	KY WEST VA GAS	952	HATCHER, J L	PIKE	1850FNL 350FEL14 J84	1359	4244			GAS	0	344CORN
2236	UNITED FUEL GAS	6699	SHELBY CREEK COAL	PIKE	1300FNL 350FWL13 J84	1245	4201			GAS	0	344CORN
2238	UNITED FUEL GAS		SHELBY CREEK COAL	PIKE	2050FNL1750FEL13 J84	1790	4487			GAS	0	344CORN
2240	KY WEST VA GAS	5886	JOHNSON, J	PIKE	400FNL1250FWL12 J84	1618	4348			GAS	0	3410HIO
2241	KY WEST VA GAS	6039	BOWLING, H	PIKE	2500FNL1850FWL11 J84	1436	4215			GAS	0	3410HIO
2244	KY WEST VA GAS	6117	MULLINS, T W	PIKE	2000FNL 300FEL18 J83	1376	3949			GAS	0	3410HIO
2250	LINDSEY, W W	1	HALL, M	PIKE	2100FSL2000FEL19 J83	1040	3543			GAS	0	3410HIO
2252	KY WEST VA GAS	6142	WRIGHT, M	PIKE	200FNL 950FWL20 J83	1133	3643			GAS	0	3410HIO
2253	KY WEST VA GAS	6190	JOHNSON, U W	PIKE	1750FNL2000FEL20 J83	1033	3548			GAS	0	3410HIO
2255	KY WEST VA GAS	1004	CLINE, J S	PIKE	2150FSL1350FEL20 J83	1260	3808			GAS	0	3410HIO
2256	LINDSEY & ELLIOTT	1	SAUNDERS, T	PIKE	1450FNL1650FWL16 J84	1045	3621			GAS	0	3410HIO

MAP NO.	OPERATOR	WELL NO.	FARM NAME	COUNTY	LOCATION	ELEV	TD	BREA	PERM	CMPL	IP	PAY
2258	KY WEST VA GAS	977	WRIGHT ELKHORN	PIKE	1150FSL1750FEL16 J84	1175	4022			GAS	0	3410HIO
2259	KY WEST VA GAS	6314	SMALLWOOD, W H	PIKE	2900FSL 150FEL16 J84	1368	3970			GAS	0	3410HIO
2260	KY WEST VA GAS	6122	SMALLWOOD, B E	PIKE	150FNL1600FWL17 J84	1185	3814			GAS	0	3410HIO
2261	KY WEST VA GAS	989	SMALLWOOD, L	PIKE	1400FNL1400FEL17 J84	1232	3899			GAS	0	3410HIO
2264	UNITED FUEL GAS		SHELBY CREEK COAL	PIKE	1650PSL2150FEL18 J84	1537	4302			GAS	0	3410HIO
2265	KY WEST VA GAS	6823	CAMPBELL, A	PIKE	1150FSL1900FWL18 J84	1068	3470			GAS	0	355CLNT
2268	KY WEST VA GAS	6267	BURK, R	PIKE	2650FNL1550FWL22 J84	1091	3639			GAS	0	3410HIO
2274	HOLCOMB, R	1	PINSON, B	PIKE	2600FNL 500FWL21 J83		3489			GAS	0	3410HIO
2279	KY WEST VA GAS	6298	MAGGARD, L	PIKE	500FSL 400FEL21 J83	1250	3853			GAS	0	3410HIO
2280	KY WEST VA GAS	1027	CLINE, J S	PIKE	200FNL 150FWL25 J84	1267	3861			GAS	0	3410HIO
2288	KY WEST VA GAS	6198	JOHNSON, R	PIKE	700FSL1750FEL24 J84	1310	4010			GAS	0	3410HIO
2290	KY WEST VA GAS	6136	VANOVER, D	PIKE	1200FNL1200FWL23 J84	1602	4298			GAS	0	3410HIO
2291	KY WEST VA GAS	6180	ESTEP, J	PIKE	600FSL2250FWL23 J84	1603	4315			GAS	0	3410HIO
2292	KY WEST VA GAS	6283	VANOVER, L	PIKE	2000FSL 200FEL23 J84	1564	4400			GAS	0	3410HIO
2311	KY WEST VA GAS	6129	TACKETT, A	PIKE	1500FSL2050FEL 6 J83	1168	3519			GAS	U	3410HIO
2332	KY WEST VA GAS	6163	JOHNSON, S	PIKE	1400FSL1750FWL18 J82	1305	3620			GAS	0	3410HIO
2347	KY WEST VA GAS	979	JOHNSON, B F	PIKE	3000FNL 150FEL16 J83	1117	3636			GAS	0	3410HIO
2370	KY WEST VA GAS	6207	RIDDLE, J	PIKE	2700PSL2000FEL24 J83	1453	3973			GAS	0	3410HIO

Appendix 2
Core Analysis From Seven (7)
Berea Sandstone Wells

COMPANY UNITED FUEL GAS COMPANY ELEVATION 1277.20 FILE NO. 7008063
 LEASE ROBERT & DAVID BELL ETAL WELL 9518 FORMATION BERE A DATE CORED 8/8-16/70
 FIELD HAYS LEASE NO. 47004 DRIG. FLUID AIR DATE REPORT 5/2-7/70
 COUNTY BUCHANAN STATE VIRGINIA TYPE OF CORE DIAMOND PERMIT NO.
 LOCATION NOT AVAILABLE REMARKS SAMPLED BY RRL/JCM

Robert & David B
 9518 VA-45
 Buchanan, Virgin

WHOLE CORE ANALYSIS RERORT

SILTSTONE CALCAREOUS SILTY SILTSTONE SHALE
 VERTICAL FRACTURES

BULK WET DENSITY
 cc/gm³
 2.4 2.5 2.6

TOTAL WATER
 PERCENT PORE SPACE
 100 75 50 25

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY		BULK WET DENSITY	POROSITY %	RESIDUAL LIQUID SATURATION % PORE SPACE		POROSITY X---X					OIL SATURATION X							
		HORIZONTAL MAX. 90°	VERTICAL			OIL	TOTAL WATER	PERCENT					PERCENT PORE SPACE							
								25	10	15	10	5	0.25	10	25	50	75			
1	3813.0-14.5	<0.10	<0.10	2.58	2.1	0.0	54.0													
2	3814.5-16.0	<0.10	<0.10	2.57	2.3	0.0	60.0													
3	3816.0-18.0	<0.10	<0.10	2.57	2.2	0.0	35.8													
4	3818.0-19.0	<0.10	<0.10	2.56	2.3	0.0	58.2													
5	3819.0-20.5	<0.10	<0.10	2.57	2.1	0.0	55.0													
6	3820.5-22.0	<0.10	<0.10	2.60	1.9	0.0	68.0													
7	3822.0-23.5	>2000	<0.10	2.59	1.7	0.0	76.5													
8	3823.5-25.0	<0.10	<0.10	2.58	2.2	0.0	57.2													
9	3825.0-26.0	<0.10	<0.10	2.58	2.2	0.0	58.1													
10	3826.0-27.0	<0.10	<0.10	2.58	2.0	0.0	57.0													
11	3827.0-28.0	113	<0.10	2.57	2.2	0.0	60.5													
12	3828.0-29.0	<0.10	<0.10	2.56	1.7	0.0	71.8													
13	3829.0-30.4	<0.10	<0.10	2.56	1.5	0.0	72.2													
14	3830.4-32.0	<0.10	<0.10	2.58	3.2	0.0	60.7													
	*3836	<0.10		2.56	4.2	0.0	31.2													
15	3835.0-36.5	<0.10	<0.10	2.55	3.1	0.0	50.5													
16	3836.5-37.8	<0.10	<0.10	2.55	1.9	0.0	36.9													
17	3837.8-39.0	<0.10	<0.10	2.57	2.6	0.0	60.4													
18	3839.0-40.2	<0.10	<0.10	2.59	2.3	0.0	62.0													
19	3840.2-41.3	<0.10	<0.10	2.59	1.6	0.0	51.7													
20	3841.3-42.5	<0.10	<0.10	2.55	2.5	0.0	30.0													
21	3841.0-44.4	<0.10	<0.10	2.57	2.9	0.0	30.0													
22	3844.4-46.0	<0.10	<0.10	2.55	2.5	0.0	29.5													
23	3849.0-49.6	<0.10	<0.10	2.55	3.2	0.0	29.6													
24	3849.6-50.9	18	<0.10	2.55	3.5	0.0	24.8													
25	3850.9-52.2	<0.10	<0.10	2.55	1.9	0.0	26.2													
26	3852.2-53.1	<0.10	<0.10	2.56	2.9	0.0	16.1													
27	3853.1-54.4	<0.10	<0.10	2.55	3.5	0.0	28.5													
28	3854.4-56.0	<0.10	<0.10	2.54	2.9	0.0	21.3													
29	3856.0-57.4	<0.10	<0.10	2.62	2.5	0.0	31.3													
30	3857.4-58.4	<0.10	<0.10	2.58	2.3	0.0	36.0													
31	3859.4-60.0	<0.10	<0.10	2.58	2.1	0.0	32.3													
32	3860.0-61.1	<0.10	<0.10	2.62	1.2	0.0	29.4													
33	3861.1-62.3	<0.10	<0.10	2.63	2.8	0.0	23.5													
34	3866.0-67.4	<0.10	<0.10	2.58	1.9	0.0	27.3													
35	3867.4-68.5	<0.10	<0.10	2.56	2.8	0.0	40.0													
36	3869.3-69.7	<0.10	<0.10	2.58	1.1	0.0	41.2													
37	3869.7-72.0	<0.10	<0.10	2.57	2.5	0.0	35.3													
38	3873.0-74.4	<0.10	<0.10	2.58	2.3	0.0	50.0													
39	3876.6-75.5	<0.10	<0.10	2.56	3.5	0.0	42.2													
40	3875.5-76.7	<0.10	<0.10	2.58	2.8	0.0	56.0													
41	3876.7-78.2	<0.10	<0.10	2.57	3.0	0.0	43.7													
42	3878.2-80.1	<0.10	<0.10	2.56	3.8	0.0	45.2													
43	3880.1-81.6	<0.10	<0.10	2.57	3.6	0.0	44.1													
44	3881.6-82.2	<0.10	<0.10	2.55	3.2	0.0	27.8													
45	3882.2-84.0	<0.10	<0.10	2.58	2.1	0.0	53.2													
46	3884.0-85.5	<0.10	<0.10	2.59	2.5	0.0	55.3													
47	3885.5-87.0	<0.10	<0.10	2.59	2.3	0.0	55.6													

* Conventional Analysis.

CORE SUMMARY

FORMATION	DEPTH, FEET	FEET CORE ANALYZED	AVERAGE PERMEABILITY*		AVERAGE POROSITY %	AVERAGE LIQUID SATURATION, %	
			HORIZONTAL MAX. 90°	DENSITY		OIL	WATER
BEREA	3813.0 - 3841.3	25.3'		2.57	2.4	56.2	
	3841.3 - 3862.3	18.5'		2.57	2.8	29.2	
	3866.0 - 3887.0	20.0'		2.57	3.0	43.7	



COMPANY UNITED FUEL GAS COMPANY ELEVATION 3566.34 FT. FILE NO. 7009034
 LEASE PITTSION #7 WELL 9588 FORMATION BZREA DATE CORED 8/29-9/2-70
 FIELD HAYES DRIG. FLUID AIR DATE REPORT 9/10/70
 COUNTY DICKENSON STATE VIRGINIA TYPE OF CORE DIAMOND PERMIT NO. _____
 LOCATION LITTLE PRATER CR. OP RUSSELL PRATER REMARKS SAMPLED BY WRE-ICM

Pittston Coal 9588
 VA-43
 Dickenson Co., VA

WHOLE CORE ANALYSIS RERORT

SILTSTONE CALCAREOUS SANDSTONE SHALY SANDSTONE FRACTURES
 SHALE

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY		Bulk Wet Density	POROSITY %	REGIONAL LIQUID SATURATION % PORE SPACE		POROSITY X---X PERCENT		OIL SATURATION X---X PERCENT PORE SPACE											
		HORIZONTAL	90°			OR	TOTAL WATER	75	20	15	10	5	0								
		MAX.	90°					75	20	15	10	5	0								
1	4369.0-70.2	<0.10	<0.10	2.57	3.3	0.0	46.3														
2	4370.2-71.8	<0.10	<0.10	2.56	3.9	0.0	27.4														
3	4371.8-72.9	<0.10	<0.10	2.57	4.1	0.0	37.5														
4	4372.9-74.4	<0.10	<0.10	2.57	3.0	0.0	51.6														
5	4374.4-76.0	<0.10	<0.10	2.57	3.3	0.0	44.4														
6	4376.0-77.3	<0.10	<0.10	2.57	3.0	0.0	36.0														
7	4377.1-78.6	<0.10	<0.10	2.57	3.0	0.0	36.0														
8	4378.6-79.9	<0.10	<0.10	2.55	3.1	0.0	60.8														
9	4379.9-81.0	<0.10	<0.10	2.56	3.5	0.0	44.2														
10	4381.0-82.4	<0.10	<0.10	2.58	3.2	0.0	60.6														
11	4382.4-83.9	<0.10	<0.10	2.56	3.3	0.0	42.9														
12	4383.9-85.5	<0.10	<0.10	2.56	2.9	0.0	53.4														
13	4385.5-87.0	<0.10	<0.10	2.62	4.3	0.0	57.5														
14	4387.0-88.5	<0.10	<0.10	2.58	3.4	0.0	39.6														
15	4388.5-89.9	<0.10	<0.10	2.54	3.2	0.0	34.2														
16	4389.9-91.4	<0.10	<0.10	2.55	3.8	0.0	38.6														
17	4391.4-92.6	<0.10	<0.10	2.53	4.3	0.0	27.2														
18	4392.6-94.1	<0.10	<0.10	2.55	2.7	0.0	45.8														
19	4394.3-95.6	<0.10	<0.10	2.54	3.5	0.0	38.5														
20	4395.6-97.0	<0.10	<0.10	2.56	3.5	0.0	40.2														
21	4397.0-99.0	<0.10	<0.10	2.54	4.1	0.0	36.5														
22	4399.0-00.4	<0.10	<0.10	2.57	4.6	0.0	34.0														
23	4400.4-01.3	<0.10	<0.10	2.55	5.0	0.0	25.0														
24	4401.3-03.0	<0.10	<0.10	2.57	2.7	0.0	40.6														
25	4403.0-04.3	<0.10	<0.10	2.60	7.2	0.0	50.0														
26	4404.0-05.3	<0.10	<0.10	2.55	3.6	0.0	41.3														
27	4405.3-06.2	<0.10	<0.10	2.54	4.1	0.0	43.8														
28	4407.0-08.2	<0.10	<0.10	2.57	4.4	0.0	27.7														
29	4408.2-09.8	<0.10	<0.10	2.52	4.3	0.0	24.6														
30	4409.8-10.8	<0.10	<0.10	2.54	3.2	0.0	37.4														
31	4410.8-11.9	<0.10	<0.10	2.52	3.8	0.0	35.3														
2	4411.9-13.2	<0.10	<0.10	2.52	3.6	0.0	32.4														
1	4413.2-14.9	<0.10	<0.10	2.51	4.8	0.0	32.8														
4	4414.9-16.4	<0.10	<0.10	2.51	3.3	0.0	25.3														
15	4416.4-18.0	<0.10	<0.10	2.56	2.9	0.0	33.9														
16	4418.0-19.8	<0.10	<0.10	2.54	3.7	0.0	35.3														
17	4419.8-21.0	<0.10	<0.10	2.52	4.3	0.0	28.9														
18	4421.0-22.5	<0.10	<0.10	2.50	3.6	0.0	26.1														
39	4422.5-23.8	<0.10	<0.10	2.52	4.5	0.0	38.6														
40	4423.8-25.2	<0.10	<0.10	2.56	5.0	0.0	24.3														
41	4425.2-26.5	<0.10	<0.10	2.56	3.6	0.0	51.7														
42	4426.5-28.4	<0.10	<0.10	2.57	3.7	0.0	36.8														
43	4428.4-29.3	<0.10	<0.10	2.52	4.6	0.0	26.8														
44	4429.3-30.3	<0.10	<0.10	2.52	5.4	0.0	25.2														
45	4430.3-31.5	<0.10	<0.10	2.53	3.8	0.0	24.5														
46	4431.5-33.3	<0.10	<0.10	2.58	3.2	0.0	34.8														

CORE SUMMARY

FORMATION	DEPTH FEET	FEET CORE ANALYZED	AVERAGE PERMEABILITY		AVERAGE POROSITY %	AVERAGE LIQUID SATURATION, %	
			HORIZONTAL MAX.	90°		Bulk Wet Vertical Density	OIL WATER
BZREA	4369.0 - 4385.5	16.5'			3.3		43.6
	4388.5-4406.2	17.7'			3.7		38.3
	4407.0-4433.3	26.3'			4.2		31.6



Robert & David Be 9636 VA-57 Buchanan Co., VA

OILFIELD RESEARCH, INC.

WHOLE CORE ANALYSIS REPORT

Company Columbia Gas Transmission Corp. Elevation _____ File No. 73012025
 Lease _____ Well 9636 Formation Berea Date Cored _____
 Field Ruckhannon Drig. Fluid FWB Date Report 12/26/73
 County Ruckhannon State Va. Type Of Core Diamond Permit No. _____
 Location _____ Remarks Sampled by client

LITHOLOGICAL ABBREVIATIONS

SAND-SD	DOLOMITE-DOL	AMYOTITE-AMT	SANDY-SDY	FINE-FN	CRYSTALLINE-CLN	BROWN-BRN	FRACTURED-FRAC	SLIGHTLY-SL
SHALE-SH	CHERT-CH	CONGLOMERATE-CONG	SHALEY-SHT	MEDIUM-MED	GRAIN-BRN	GRAY-GY	LAMINATION-LAM	VERY-V
LIME-LB	GYPSUM-GYP	FOSSILIFEROUS-FOSS	LIMEY-LMY	COARSE-CSE	GRANULAR-GRNL	VIDEY-VDY	STYLLITIC-STY	WITH-W

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS			POROSITY PERCENT	LITHOLOGY AND REMARKS
		HORIZONTAL		VERTICAL		
		MAX.	90°			

						Bulk Wet Density	Sand Grain Density
1	4071.0-72.0	*0.10		4.3	2.52		
2	4072.0-73.0	*0.10		2.9	2.54		
3	4073.0-74.0	*0.10		3.1	2.51		
4	4074.0-75.0	*0.10		4.9	2.51		2.67
5	4075.0-76.0	*0.10		4.0	2.51		
6	4076.0-76.9	*0.10		5.7	2.50		
7	4076.9-77.5	*0.10		3.2	2.54		
8	4078.9-79.3	*0.10		4.0	2.58		
9	4098.0-98.9	*0.10		4.4	2.51		
10	4098.9-00.0	*0.10		4.5	2.51		
11	4100.0-01.0	*0.10		5.2	2.50		
12	4101.0-02.0	*0.10		4.1	2.52		
13	4102.0-03.0	*0.10		4.4	2.52		
14	4104.0-04.8	*0.10		3.6	2.52		
15	4105.7-06.4	*0.10		3.5	2.52		2.69
16	4106.4-07.3	*0.10		3.3	2.55		
17	4107.3-08.4	*0.10		2.1	2.59		
18	4108.4-09.5	*0.10		2.0	2.62		
19	4110.0-11.0	*0.10		4.3	2.54		

↑
PAY ZONE
↓

* Conventional (plug) analysis.

AVERAGE

4071.0-4111.0 *0.10

** Weighted averages.

3.9 2.53 (17.5')**

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use this report is made. The interpretations or opinions expressed represent the best judgment of Oilfield Research, Inc. (all errors and omissions excepted) but Oilfield Research, Inc. and its officers and employees, assume no responsibility and make no warranty or representation as to the promissory, power, operation, or profitability of any oil, gas or other mineral well or field in connection with which such report is used or relied upon.



OILFIELD RESEARCH, INC.

Pittston Coal
20211
VA-206
Dickenson Co., Va.

WHOLE CORE ANALYSIS REPORT

Company Columbia Gas Transmission Corp. Elevation _____ File No. 7505024
 Lease Dickerson Well 20211 Formation Berea Date Cored 5/75
 Field Hays Orig. Fluid _____ Date Report 5/27/75
 County Dickerson State W. Va. Type Of Core Diamond(Air) Permit No. _____
 Location _____ Remarks Sampled by OR-JCM

LITHOLOGICAL ABBREVIATIONS

SAND-SD DOLOMITE-DOL ANHYDRITE-ANHT SANDY-SOY FINE-FN CRYSTALLINE-CLR BROWN-ORN FRACTURED-FRAC SLIGHTLY-SL
 SHALE-SH CHERT-CH CONGLOMERATE-CONG SHALEY-SHY MEDIUM-MED GRAIN-GRN GRAY-GY LAMINATION-LAM VERY-V
 LIMY-LM SYPHANT-SYP FOSSILIFEROUS-FOSE LIMY-LMY COARSE-CSE GRANULAR-GRML MUDDY-MDY STYLOLITIC-STY WITH-W

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PERCENT	LITHOLOGY AND REMARKS
		HORIZONTAL			
		MAX	90°		

				Bulk Wet Density	Oil Saturation	Water Saturation	Sand Grain Density
BEREA FORMATION							
1	4101.0-02.4	<0.10	<0.10	2.60	2.9	0.0	34.5
2	4102.4-03.4	<0.10	<0.10	2.60	3.1	0.0	48.2
3	4103.4-05.5	<0.10	<0.10	2.54	3.1	0.0	26.2
4	4105.5-06.4	<0.10	<0.10	2.56	3.1	0.0	25.4
5	4106.4-08.0	<0.10	<0.10	2.59	2.6	0.0	33.8
6	4108.0-09.5	<0.10	<0.10	2.59	2.7	0.0	28.1
7	4129.0-30.5	<0.10	<0.10	2.54	3.2	0.0	22.1
8	4130.5-31.9	<0.10	<0.10	2.53	4.1	0.0	22.4
9	4131.9-33.4	<0.10	<0.10	2.54	3.6	0.0	29.4
10	4133.4-35.0	<0.10	<0.10	2.54	2.9	0.0	28.2
11	4135.0-36.3	<0.10	<0.10	2.55	2.4	0.0	27.3
12	4136.3-37.3	<0.10	<0.10	2.55	2.6	0.0	25.2
13	4137.3-38.4	<0.10	<0.10	2.55	3.5	0.0	30.1
14	4138.4-39.8	<0.10	<0.10	2.54	3.4	0.0	24.3
15	4139.8-40.9	<0.10	<0.10	2.52	4.2	0.0	19.5
16	4140.9-42.6	<0.10	<0.10	2.56	4.5	0.0	22.0
17	4142.6-43.9	<0.10	<0.10	2.52	5.9	0.0	21.3
18	4143.9-45.2	<0.10	<0.10	2.49	5.3	0.0	19.6
19	4145.2-46.3	<0.10	<0.10	2.50	4.5	0.0	19.5
20	4146.3-47.8	<0.10	<0.10	2.51	4.7	0.0	25.0
21	4147.8-48.9	<0.10	<0.10	2.54	3.8	0.0	32.4
22	4148.9-50.0	<0.10	<0.10	2.54	3.8	0.0	36.4
23	4150.0-51.0	160.	1.8	2.53	4.5	0.0	28.8
24	4151.0-53.0	<0.10	<0.10	2.53	4.0	0.0	31.6

PAY ZONE

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Pittston Coal 2021
 VA-206
 Dickenson County, VA

WHOLE CORE ANALYSIS REPORT

Dickenson

20211

Well No.

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY			POROSITY PERCENT	LITHOLOGY AND REMARKS		
		HORIZONTAL		VERTICAL				
		MAX	90°					
				Bulk Wet Density	Oil Saturation	Water Saturation	Sand Grain Density	
25	4153.0-54.4	<0.10	<0.10	2.50	3.8	0.0	37.4	2.68
26	4154.4-55.5	<0.10	<0.10	2.51	3.2	0.0	26.5	
27	4155.5-56.7	<0.10	<0.10	2.60	4.1	0.0	48.9	
28	4156.7-58.2	<0.10	<0.10	2.58	3.0	0.0	30.3	
29	4158.2-59.4	<0.10	<0.10	2.51	4.2	0.0	25.0	
30	4159.5-60.8	<0.10	<0.10	2.52	4.7	0.0	25.7	2.67
31	4160.8-62.5	<0.10	<0.10	2.50	5.1	0.0	19.3	
32	4162.5-63.8	<0.10	<0.10	2.49	5.9	0.0	17.8	
33	4163.8-65.3	<0.10	<0.10	2.51	5.4	0.0	16.9	
34	4165.3-66.4	<0.10	<0.10	2.52	4.6	0.0	19.6	
35	4166.4-67.8	<0.10	<0.10	2.52	4.9	0.0	19.8	
36	4167.8-69.2	<0.10	<0.10	2.53	4.5	0.0	21.3	
37	4169.2-70.4	<0.10	<0.10	2.51	4.8	0.0	21.0	
38	4170.4-72.0	<0.10	<0.10	2.55	3.3	0.0	25.0	2.68
39	4172.0-73.3	<0.10	<0.10	2.57	3.5	0.0	21.0	
40	4173.3-74.9	<0.10	<0.10	2.55	3.1	0.0	23.5	
41	4174.9-76.5	<0.10	<0.10	2.56	3.0	0.0	30.7	
				AVERAGE				
4101.0-4176.5				2.54	3.9	0.0	26.5	2.68

PAY ZONE

Grover Dell 20342
VA-249
Buchanan County, Virginia

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

Page No. 1

CORE ANALYSIS RESULTS

Company COLUMBIA GAS SYSTEM File 3602-8780
Well COLUMBIA GAS TRANSMISSION CORPORATION NO. 20342 Date Report 11/03/76
Field _____ Drilling Fluid _____ Analysts PUGH
County BUCHANAN State VIRGINIA Elev. _____ Location _____

Lithological Abbreviations

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		GRAIN DEN.	SAMPLE DESCRIPTION AND REMARKS
		N-S	E-W		OIL	TOTAL WATER		

WHOLE CORE ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		GRAIN DEN.	SAMPLE DESCRIPTION AND REMARKS
		N-S	E-W		OIL	TOTAL WATER		
1	4260.54-61.55	<0.1	<0.1	1.7	2.4	39.7	2.67	Sd, sl/sny
2	4261.86-62.27	4.1	7.4	2.9	2.7	40.6	2.78	Sd, sny, w/pyr, fiss
3	4263.33-63.87	<0.1	<0.1	2.6	2.6	27.1	2.65	Sd, sl/sny, vf
4	4264.45-65.03	<0.1	<0.1	2.6	2.7	29.2	2.65	Sd, sl/shy
5	4265.81-66.37	<0.1	<0.1	4.0	2.5	25.4	2.65	Sd, sh incl
6	4266.39-66.95	486	340	2.9	1.2	47.0	2.65	Sd, sl/shy, vf
7	4267.10-68.71	<0.1	1603	5.2	1.1	23.1	2.65	Sd, vf
8	4270.59-71.06	16	0.2	4.8	1.8	25.1	2.65	Sd, sh stks, vf
9	4271.10-72.17	<0.1	590	5.0	2.2	21.4	2.66	Sd, vf
10	4274.00-74.40	<0.1	<0.1	3.1	1.0	37.5	2.66	Sd, sh stks
11	4274.45-74.88	<0.1	<0.1	3.3	0.0	25.4	2.66	Sd, sl/sny
12	4275.52-76.90	1.0	<0.1	6.1	0.0	17.0	2.66	Sd, vf
13	4279.10-79.74	0.1	0.1	7.6	1.5	15.8	2.69	Sd, vf
14	4279.74-80.90	<0.1	<0.1	7.0	1.6	10.6	2.69	Sd
15	4283.34-84.00	<0.1	<0.1	5.2	1.7	17.9	2.64	Sd
16	4285.30-85.80	<0.1	<0.1	5.1	1.7	17.9	2.65	Sd
17	4285.90-88.38	173	0.1	6.4	1.3	19.7	2.66	Sd, vf

PAY ZONE

Pocahontas Land
20456
KY-32635
Martin Co., KY



OILFIELD RESEARCH, INC.

CORE ANALYSIS REPORT

Company Columbia Gas Transmission Corp. Elevation 780 File No. 77E1015
 Lease Pocahontas Well 20456 Formation Berea Date Cored 10/2/77
 Field _____ Drig. Fluid Air-Foam Date Report 10/7/77
 County Martin State Kentucky Type Of Core Diamond Permit No. 32635
 Location 3-0-85 1250'FNL 325'FEL Remarks Sampled by OR-TJ

LITHOLOGICAL ABBREVIATIONS

SHALE-SH DOLOMITE-DOL SANDSTONE-SANDY FINE-FIN CRYSTALLINE-CLM BROOKS-SBK FRACTURED-FRAC SLIGHTLY-1
 LIMESTONE-LIM CHERT-CH CONGLOMERATE-COM SANDY-SOY MEDIUM-MED GRAIN-GRN GRAY-GY LAMINATION-LAM VERY-W
 LIME-LM STYPSID-STY FOSSILIFEROUS-FOSS LIMEST-LIM MEDIUM-MED GRAIN-GRN GRAY-GY LAMINATION-LAM STYLOLITIC-STY WITH-W

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PERCENT	LITHOLOGY AND REMARKS	
		HORIZONTAL	VERTICAL		Percent Oil	Percent Water
BEREA						
1	2296.5	<0.10	<0.10	<3.0	0.0	84.1
2	2297.5	<0.10	<0.10	5.1	0.0	68.8
3	2298.5	<0.10	<0.10	6.3	Tr	56.3
	2299.5					
	2300.5					
	2301.5					
	2302.5					
	2303.5					
	2304.5					
	2305.5					
	2306.5					
	2307.5					
	2308.5					
	2309.5					
	2310.5					
	2311.5					
	2312.5					
	2313.5					
	2314.5					
	2315.5					
	2316.5					
	2317.5					
	2318.5					
	2319.5					
	2320.5					
	2321.5					
4	2322.5	<0.10	<0.10	3.0	0.0	75.0

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Pocahontas Land 20456
 KY-32635
 Martin County, Kentucky

CORE ANALYSIS REPORT

Pocahontas

20456

Well No.

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs		POROSITY PERCENT	LITHOLOGY AND REMARKS	
		HORIZONTAL	VERTICAL		Percent Oil	Percent Water
	2323.5					
	2324.5					
5	2325.5	<0.10	<0.10	<3.0	0.0	95.0
	2326.5					
	2327.5					
6	2328.5	<0.10	<0.10	5.1	22.3	40.0
	2329.5					
7	2330.5	<0.10	<0.10	4.2	21.2	34.0
	2331.5					
8	2332.5	<0.10	<0.10	<3.0	0.0	66.6
	2333.5					
	2334.5					
	2335.5					
9	2336.5	<0.10	<0.10	<3.0	0.0	95.0
	2337.5					
	2338.5					
	2339.5					
	2340.5					
10	2341.5	<0.10	<0.10	3.6	0.0	45.0
	2342.5					
	2343.5					
11	2344.5	<0.10	<0.10	<3.0	0.0	50.0
12	2345.5	<0.10	<0.10	<3.0	0.0	66.6
	2346.5					
	2347.5					
	2348.5					
	2349.5					
	2350.5					
	2351.5					
	2352.5					
	2353.5					
	2354.5					
	2355.5					
	2356.5					
13	2357.5	<0.10	<0.10	5.4	24.2	54.5
14	2358.5	<0.10	<0.10	5.7	24.0	49.0
15	2359.5	<0.10	<0.10	5.5	25.0	65.5
16	2360.5	<0.10	<0.10	7.2	14.8	44.4
17	2361.5	<0.10	<0.10	6.4	21.1	68.4
18	2362.5	<0.10	<0.10	8.1	19.7	38.2
19	2363.5	<0.10	<0.10	<3.0	6.5	30.0
20	2364.5	<0.10	<0.10	6.4	12.9	23.8
21	2365.5	<0.10	<0.10	6.6	13.3	30.0

PAY ZONE

Pocahontas Land 20456
 KY-32635
 Martin County, Kentucky

CORE ANALYSIS REPORT

Pocahontas

20456

Lense

Well No.

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs		POROSITY PERCENT	LITHOLOGY AND REMARKS	
		HORIZONTAL	VERTICAL		Percent Oil	Percent Water
22	2366.5	<0.10	<0.10	3.0	0.0	84.0
23	2367.5	<0.10	<0.10	7.2	11.8	29.4
24	2368.5	<0.10	<0.10	7.0	13.8	37.6
25	2369.5	<0.10	<0.10	6.9	13.8	24.7
26	2370.5	<0.10	<0.10	5.7	16.0	60.0
27	2371.5	<0.10	<0.10	3.6	5.4	62.5
28	2372.5	<0.10	<0.10	6.7	15.0	61.1
29	2373.5	<0.10	<0.10	5.4	16.7	58.3
30	2374.5	<0.10	<0.10	5.6	18.9	50.0
	2375.5					
31	2376.5	<0.10	<0.10	3.7	19.0	52.4
	2377.5					
32	2378.5	<0.10	<0.10	3.5	20.3	33.3
33	2379.5	<0.10	<0.10	7.6	17.4	34.8
34	2380.5	<0.10	<0.10	6.5	24.1	36.4
35	2381.5	<0.10	<0.10	7.0	30.5	40.9
36	2382.5	<0.10	<0.10	8.1	23.0	34.8
37	2383.5	<0.10	<0.10	8.7	21.2	52.0
38	2384.5	<0.10	<0.10	7.2	19.6	60.0
39	2385.5	<0.10	<0.10	5.5	19.0	42.0
40	2386.5	<0.10	<0.10	5.5	15.0	60.0
41	2387.5	<0.10	<0.10	5.6	29.6	40.7
42	2388.5	<0.10	<0.10	4.7	29.1	43.5
43	2389.5	<0.10	<0.10	3.5	13.3	85.0

2390 - 2425 - Shale

AVERAGE

2357.0 - 2390.0 <0.10 <0.10 6.2 18.9 47.7 (29')

Appendix 3
Schlumberger Chart K-2 From
Twenty-five (25) Berea Sandstone Wells

Berea Sandstone Permeability Data

Map Serial No.: 169

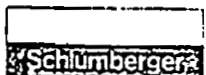
Pay Thickness: 92'

Well Name: Kentland Coal 20550

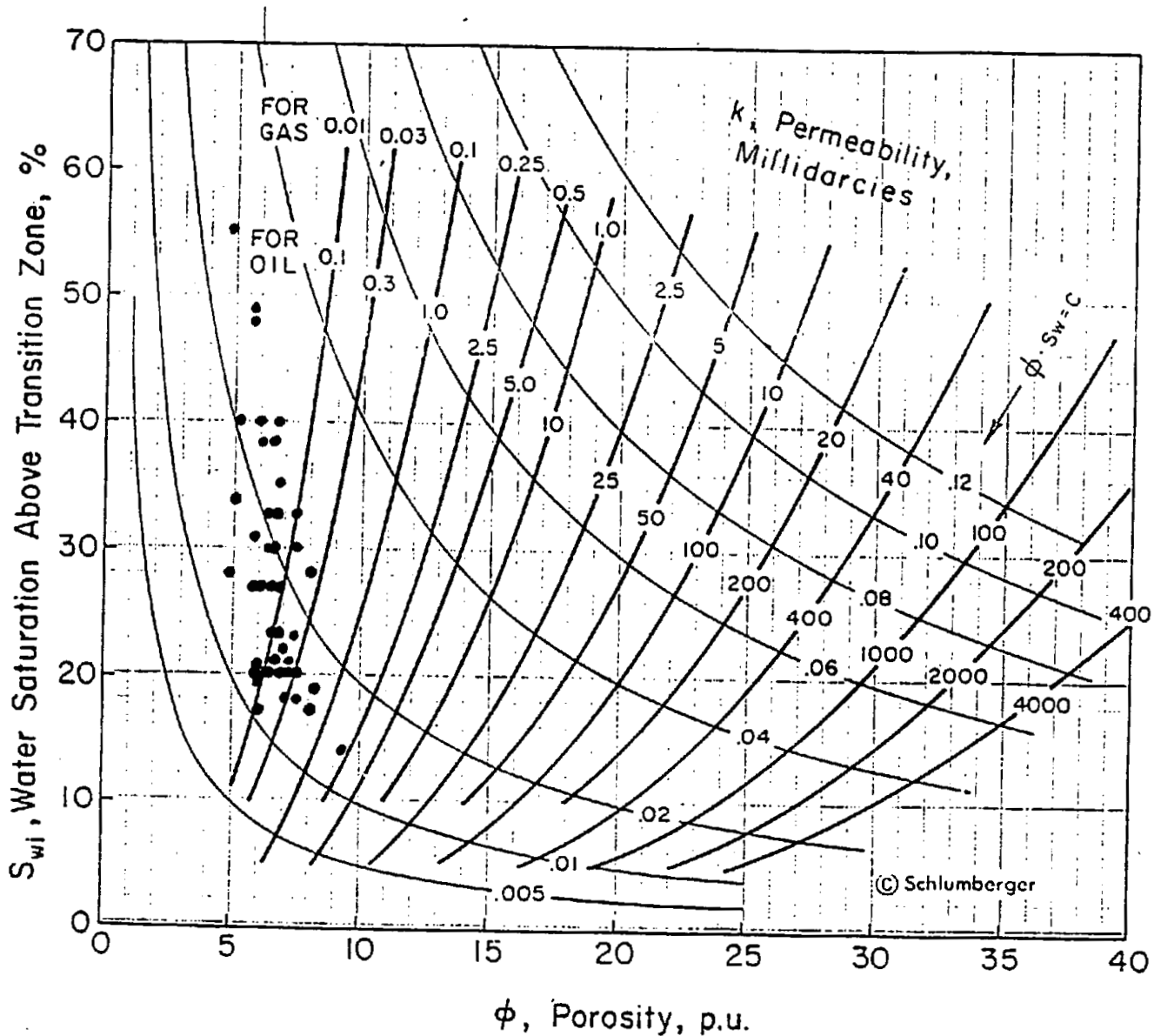
Average Porosity: 6.62%

Average Water Saturation: 28.08%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 189

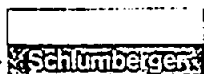
Pay Thickness: 66'

Well Name: Kentland Coal 20689

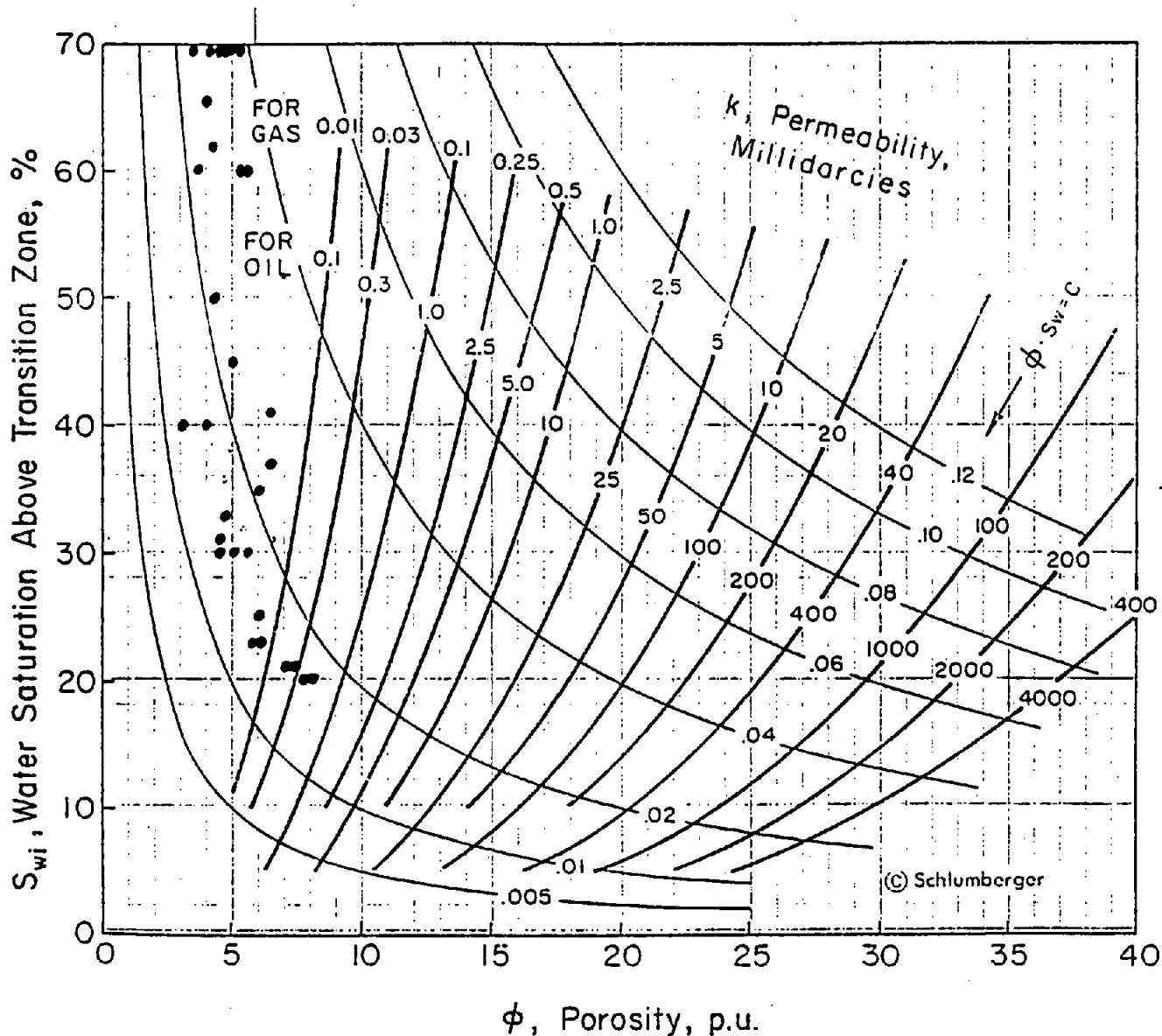
Average Porosity: 5.1%

Average Water Saturation: 44.09%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 336

Pay Thickness: 20'

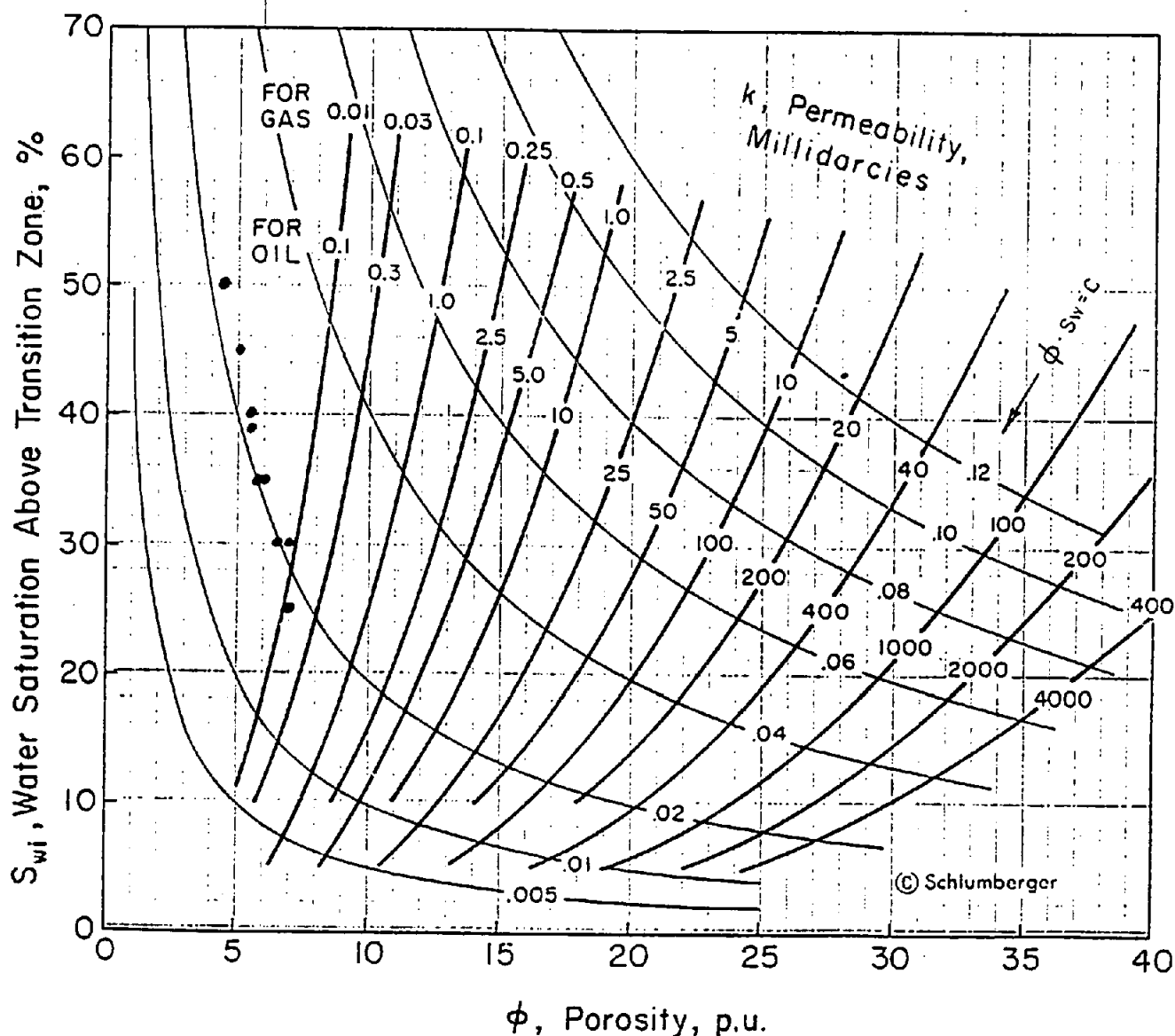
Well Name: J. B. Elkins 20585

Average Porosity: 5.7%

Average Water Saturation: 41.4%

Average Permeability: < 0.1 Md

Schlumberger

PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}

Berea Sandstone Permeability Data

Map Serial No.: 409

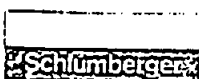
Pay Thickness: 50'

Well Name: G. Stepp 20303

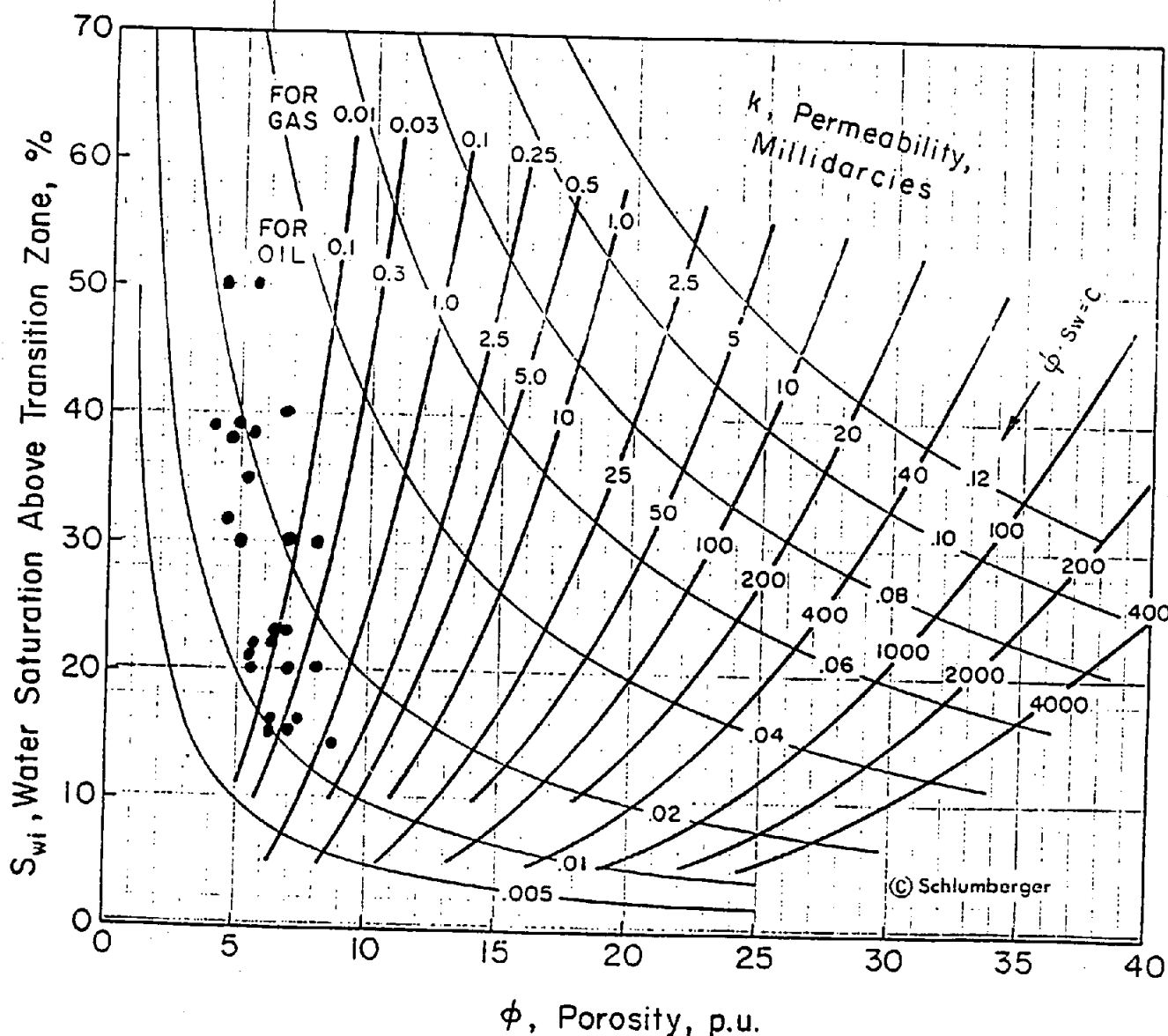
Average Porosity: 6.02%

Average Water Saturation: 27.8%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 636

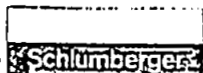
Pay Thickness: 34'

Well Name: Ford Motor 51

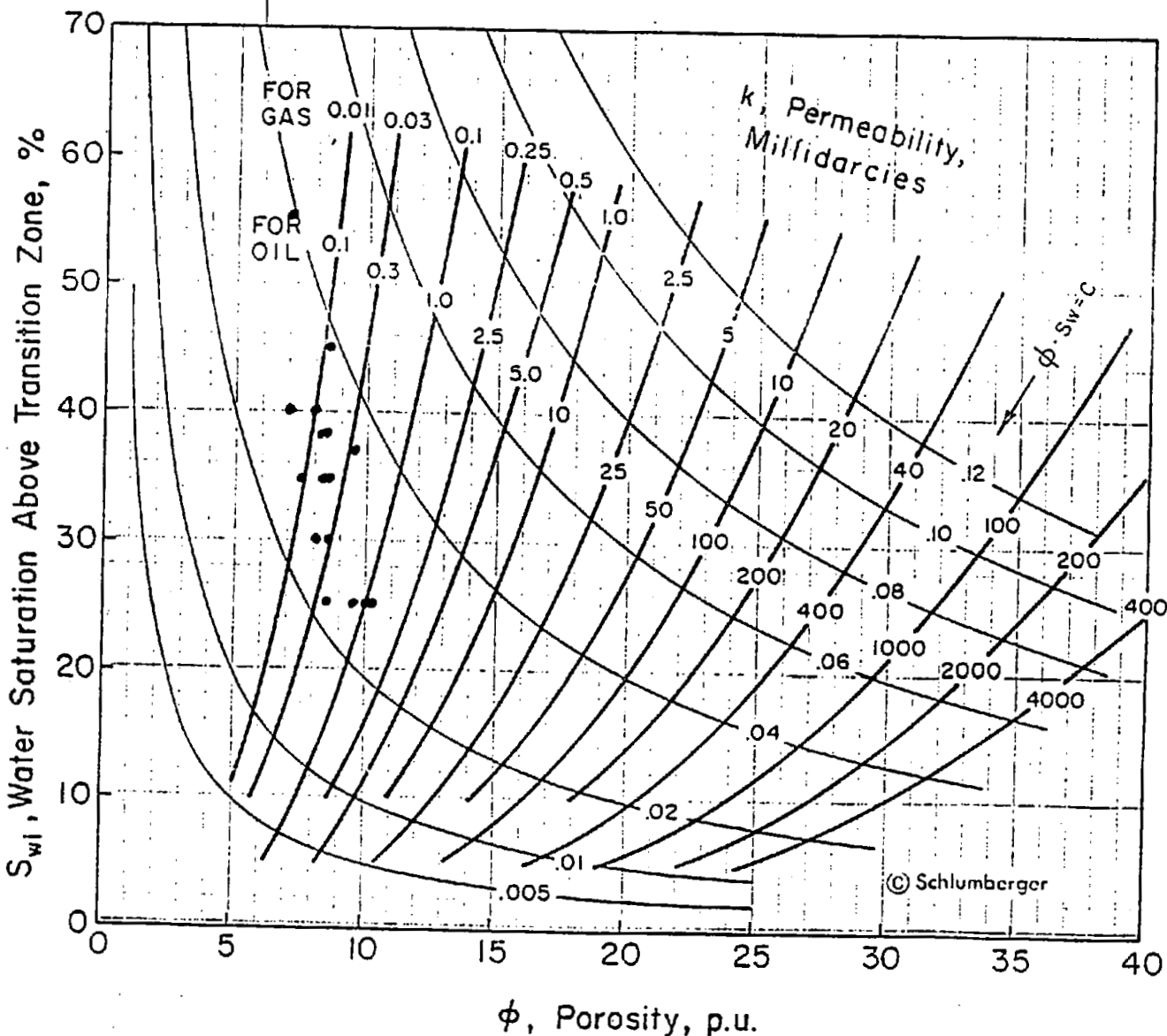
Average Porosity: 8.3%

Average Water Saturation: 35.0%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 661

Pay Thickness: 44'

Well Name: Ford Motor 52

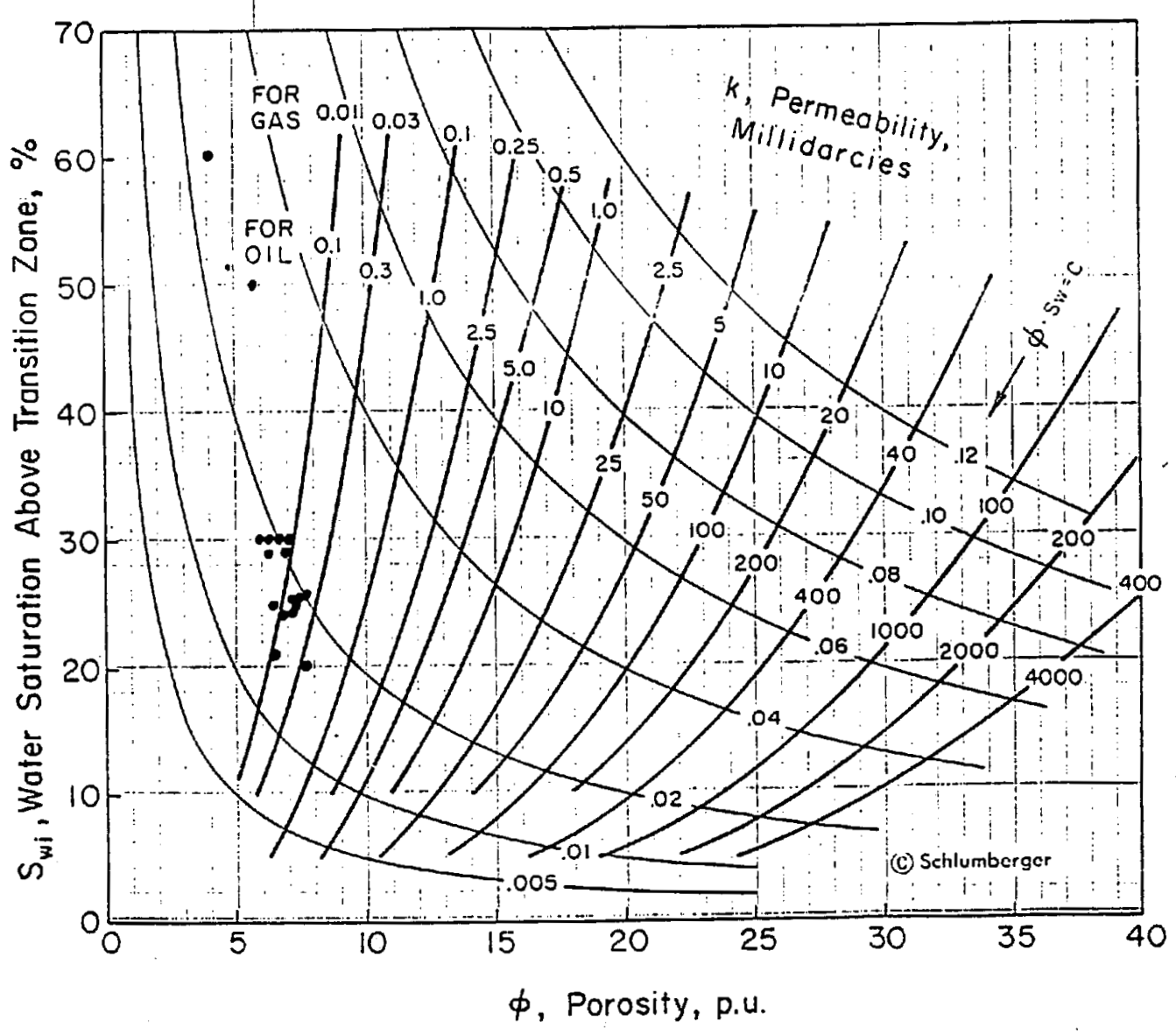
Average Porosity: 6.45%

Average Water Saturation: 28.6%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 766

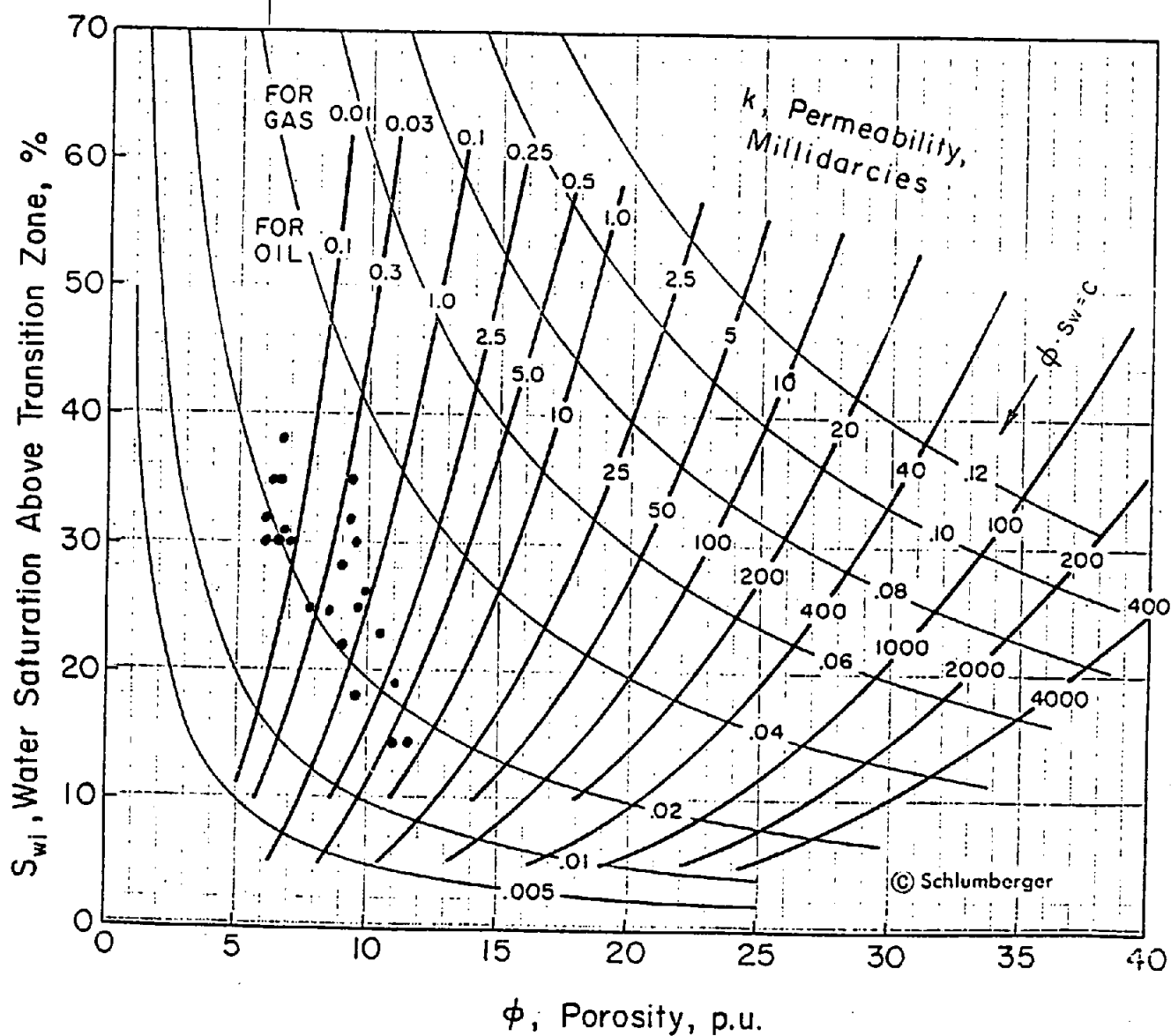
Pay Thickness: 50'

Well Name: Smith Heirs 23

Average Porosity: 8.7%

Average Water Saturation: 26.3%

Average Permeability: < 0.1 Md

PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}

Berea Sandstone Permeability Data

Map Serial No.: 828

Pay Thickness: 50'

Well Name: J. F. Phillips 5378

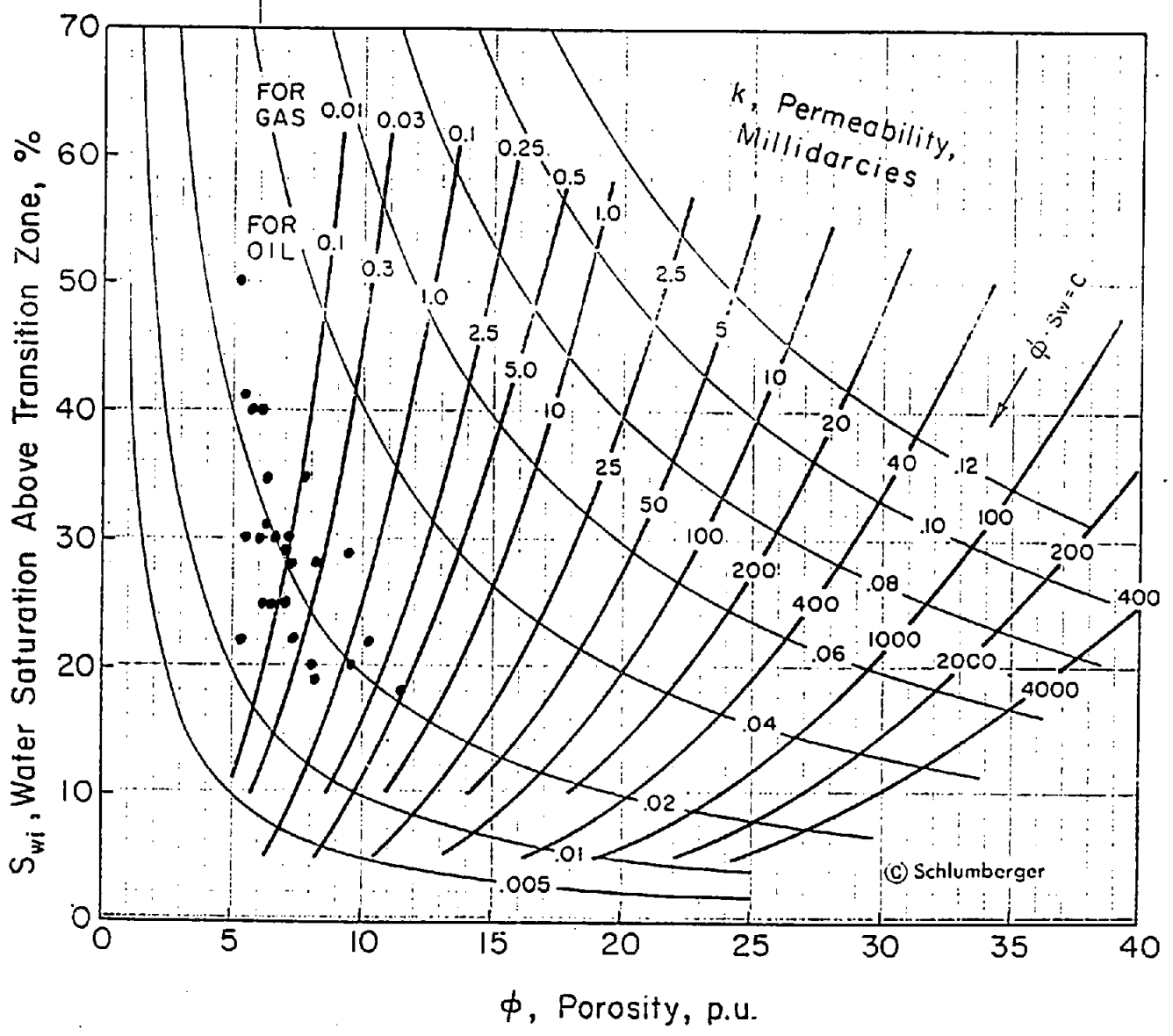
Average Porosity: 6.7%

Average Water Saturation: 29.0%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 1320

Pay Thickness: 50'

Well Name: Kentland Coal 20549

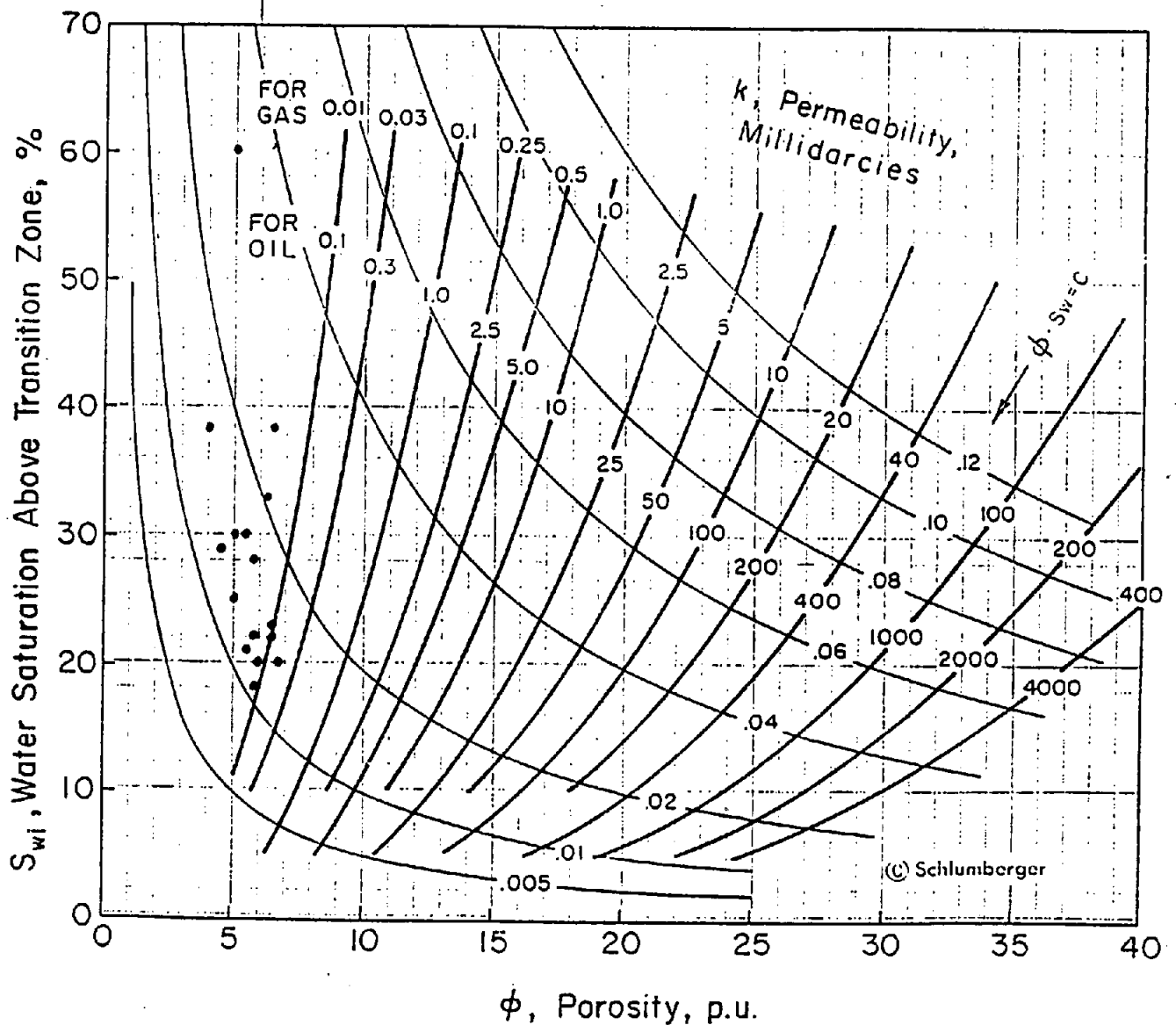
Average Porosity: 5.71%

Average Water Saturation: 24.96%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 1332

Pay Thickness: 16'

Well Name: Kentland Coal 20455

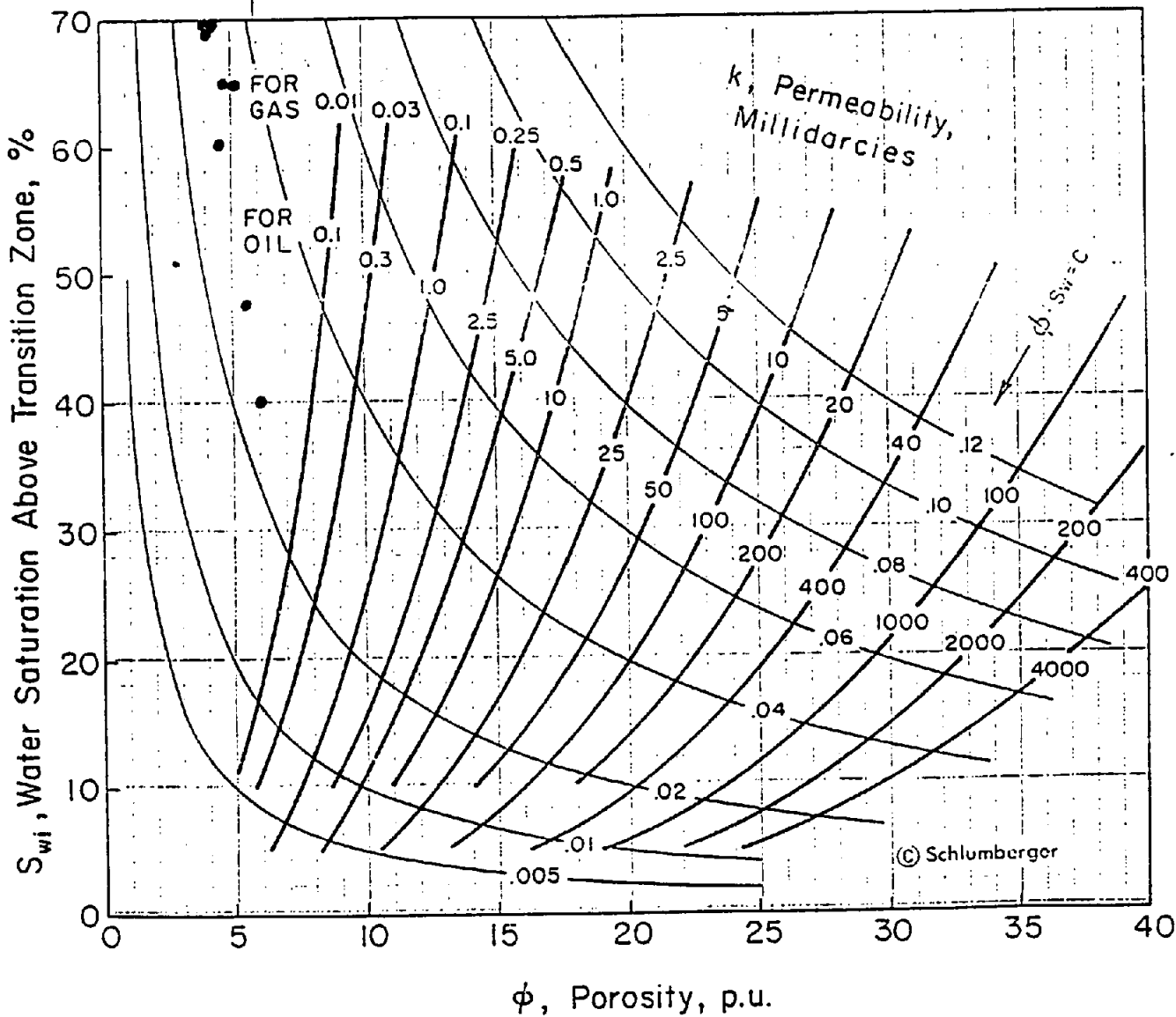
Average Porosity: 5.5%

Average Water Saturation: 54.4%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 1361

Pay Thickness: 16'

Well Name: Kentland Coal 20247

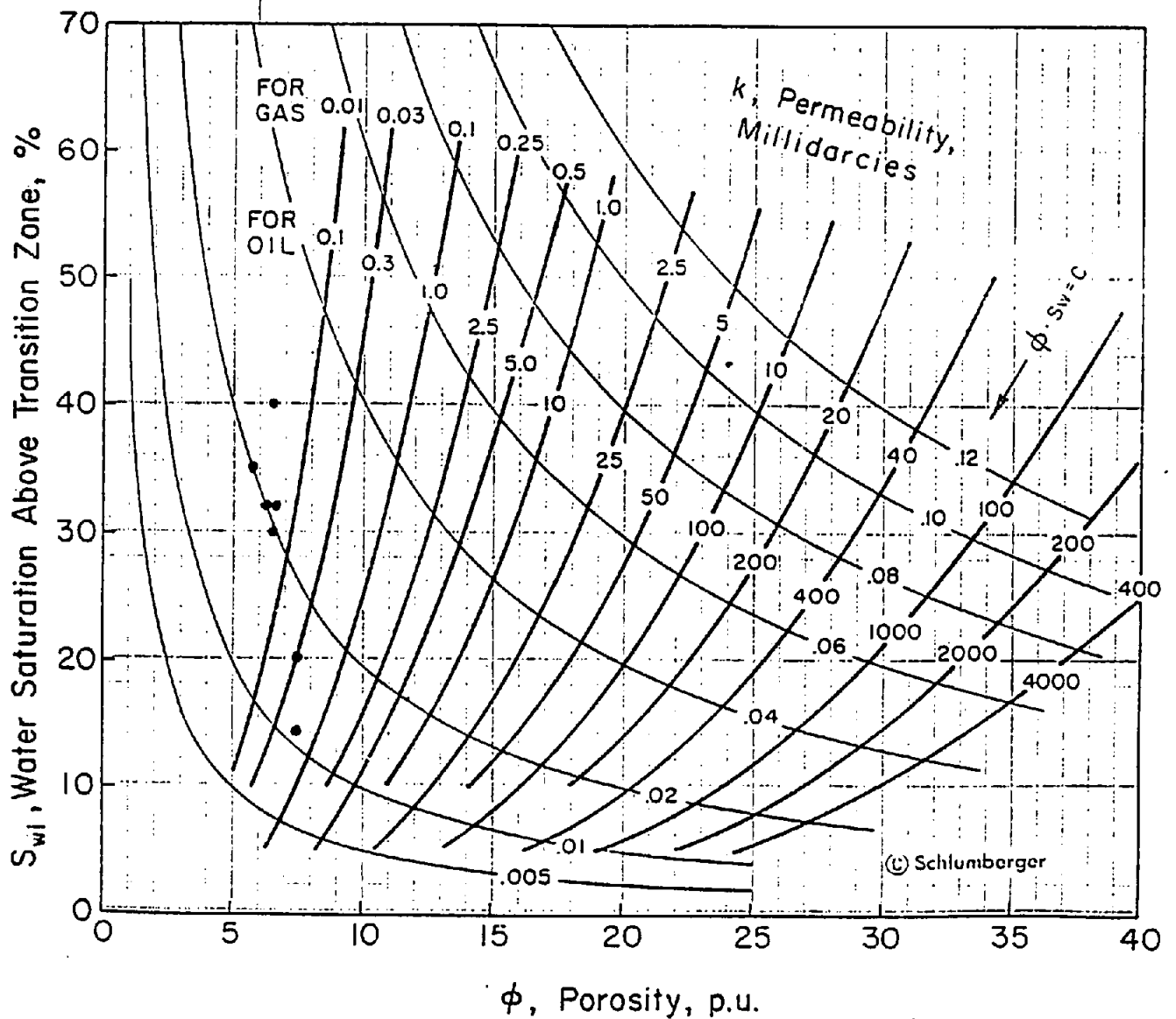
Average Porosity: 6.75%

Average Water Saturation: 27.6%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 1376

Pay Thickness: 12'

Well Name: Kentland Coal 9477

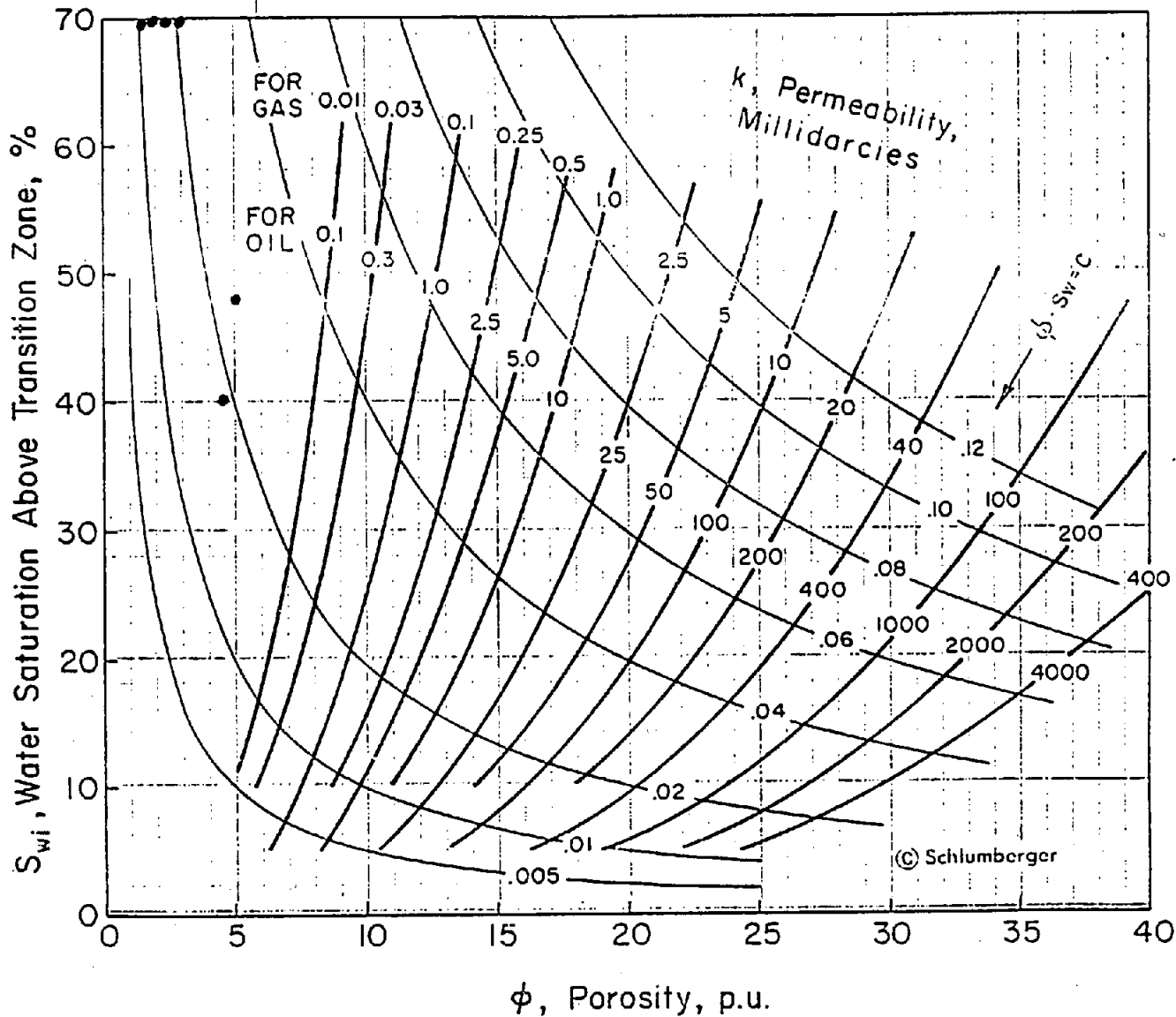
Average Porosity: 4.2%

Average Water Saturation: 54.0%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 1392

Pay Thickness: 50'

Well Name: J. Rowe 9413

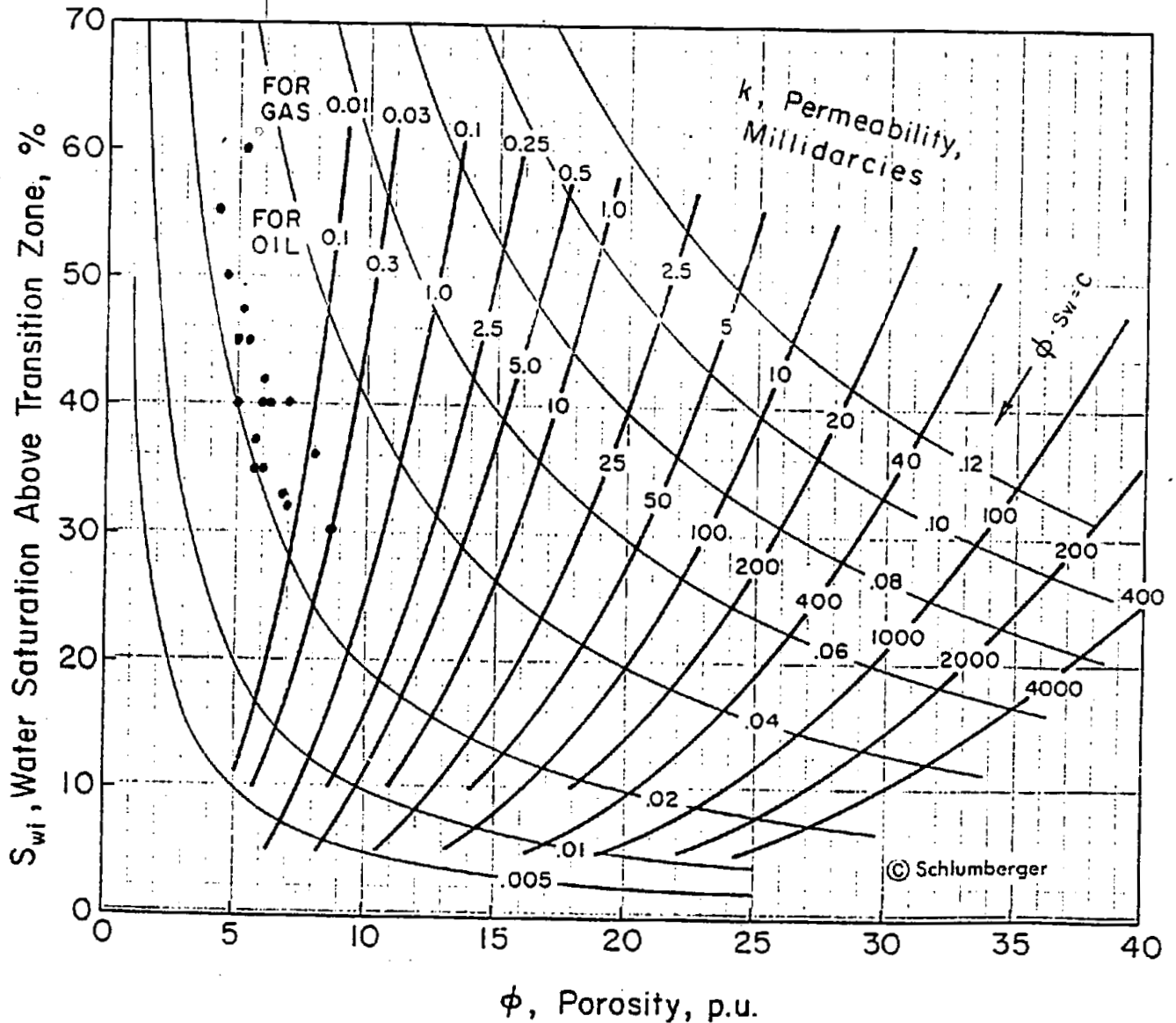
Average Porosity: 6.06%

Average Water Saturation: 39.52%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 1413

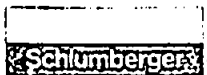
Pay Thickness: 38'

Well Name: W. M. Fuller 20688

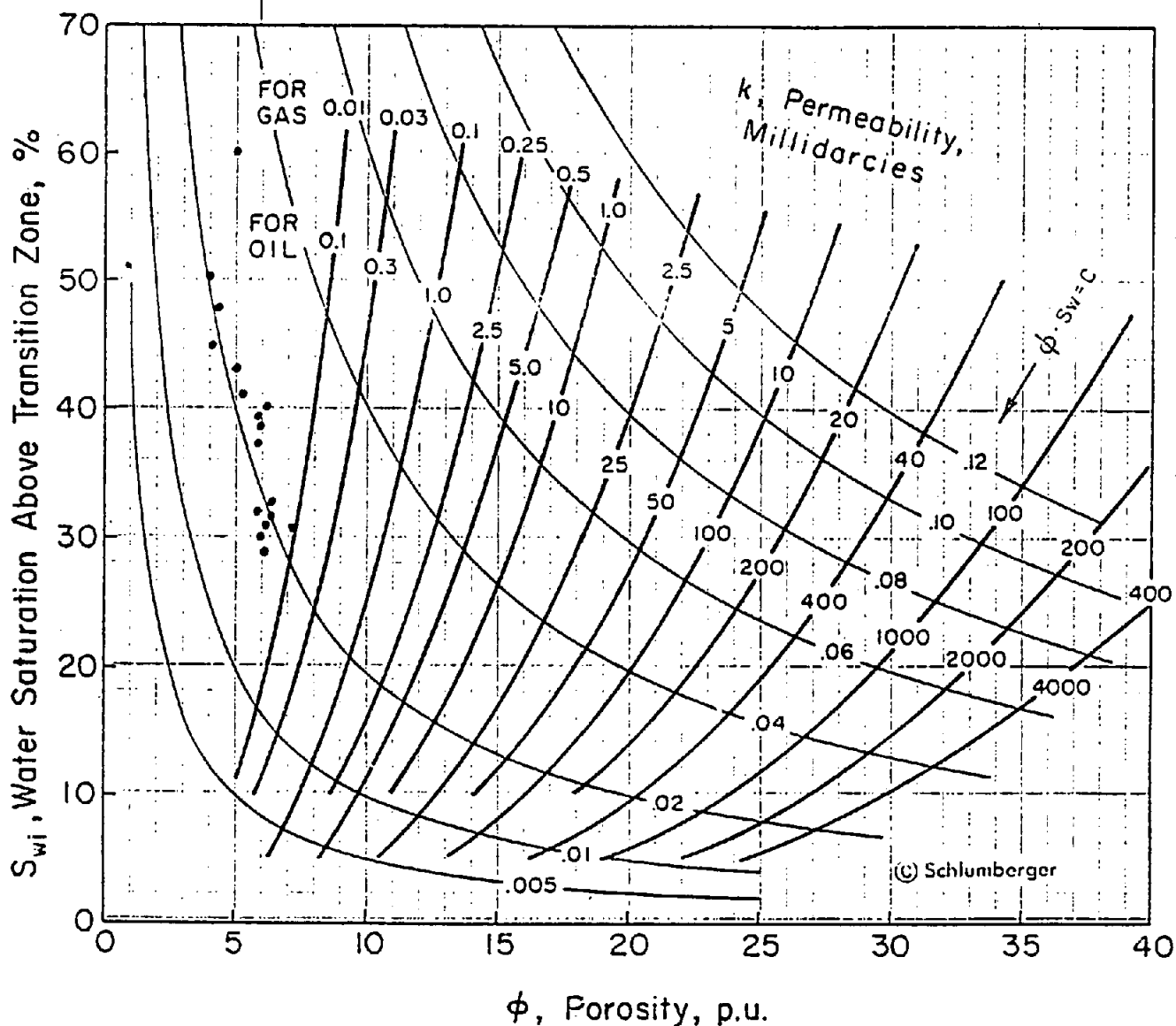
Average Porosity: 5.63%

Average Water Saturation: 38.21%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 1423

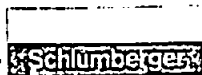
Pay Thickness: 22'

Well Name: Pikeville National Bank 20232

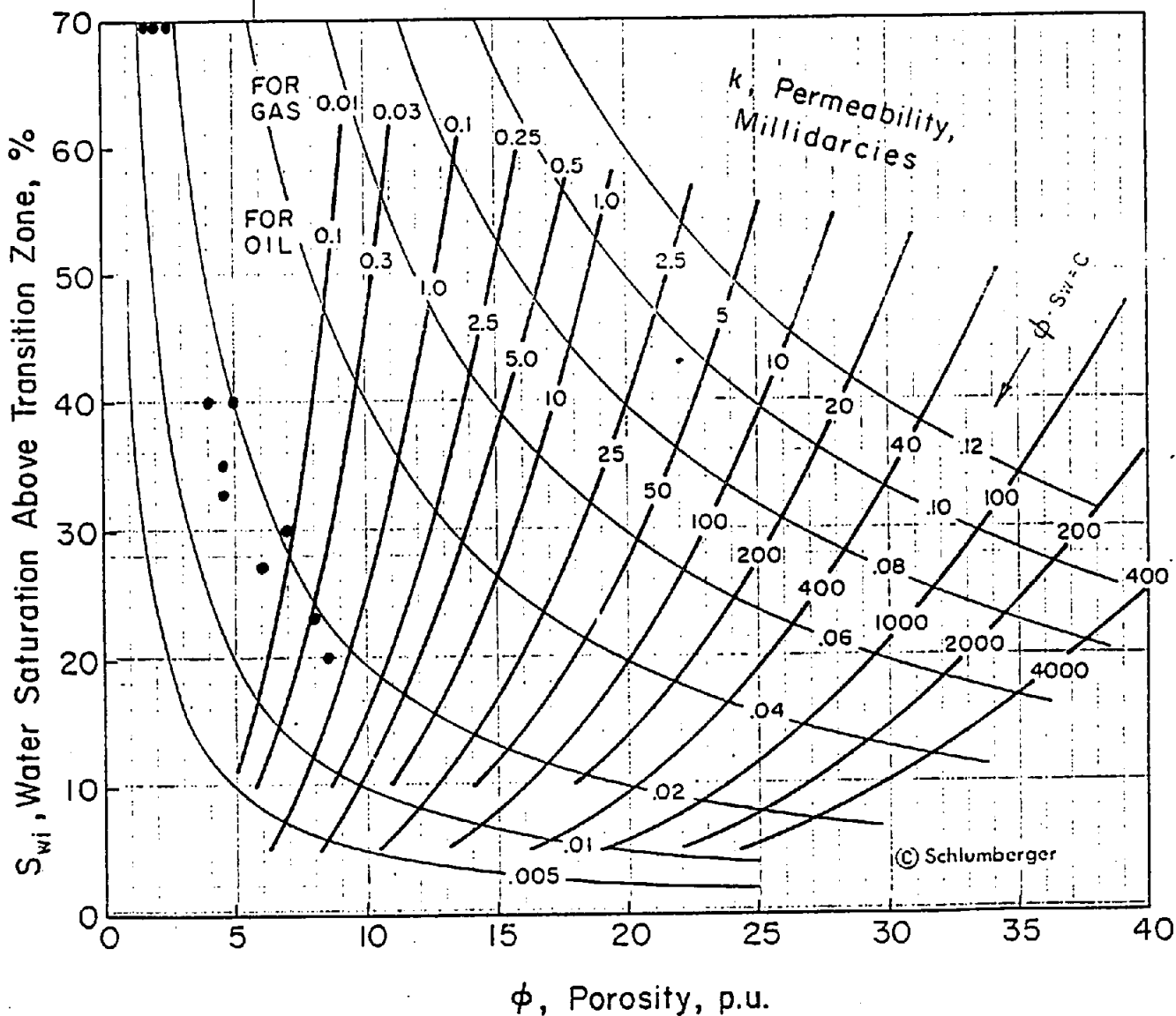
Average Porosity: 5.8%

Average Water Saturation: 38.5%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



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Berea Sandstone Permeability Data

Map Serial No.: 1649

Pay Thickness: 48'

Well Name: Chesapeake Mineral 27

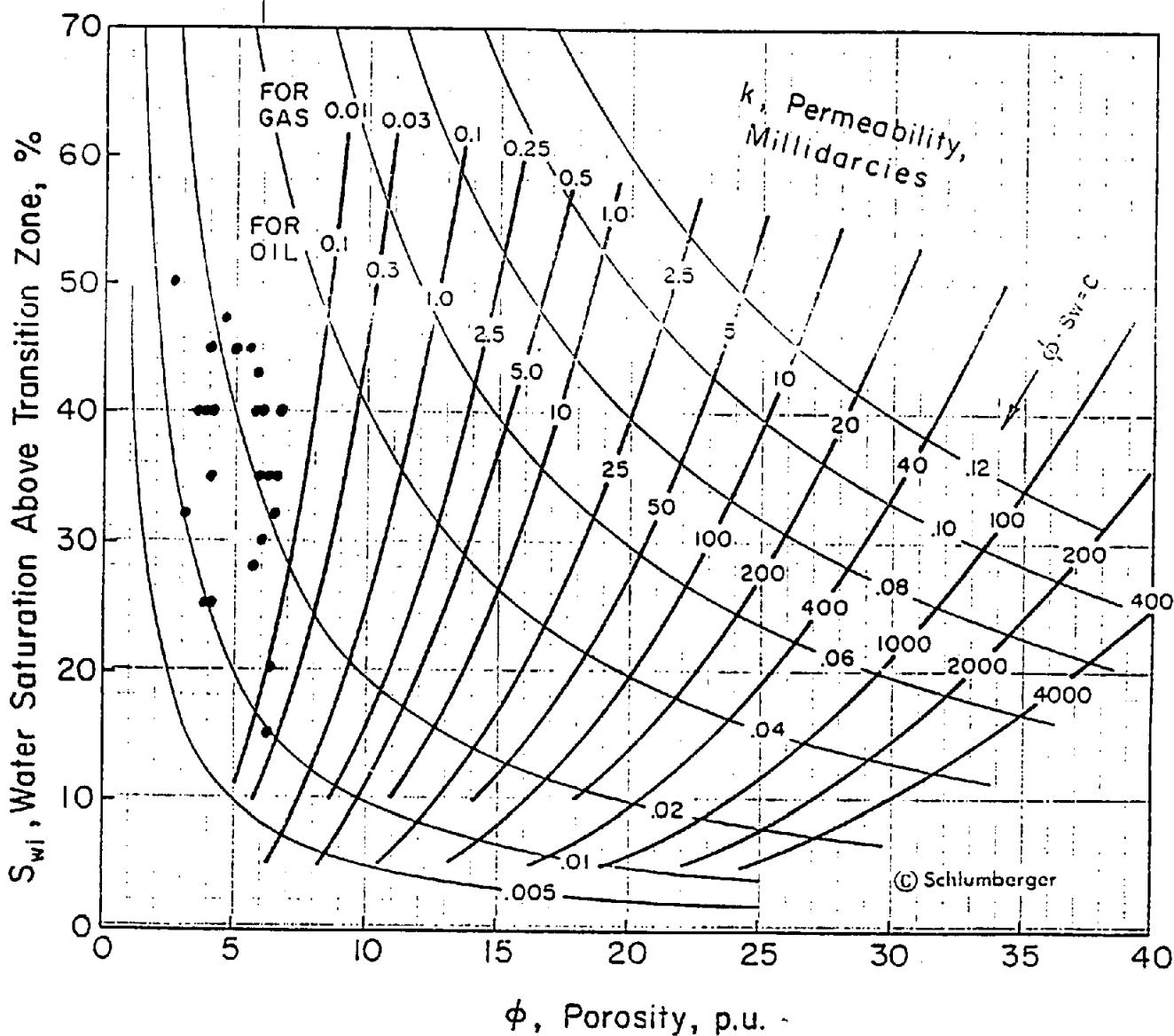
Average Porosity: 5.2%

Average Water Saturation: 36.3%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES; SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 1873

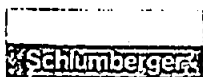
Pay Thickness: 52'

Well Name: Berwind Corporation 9600

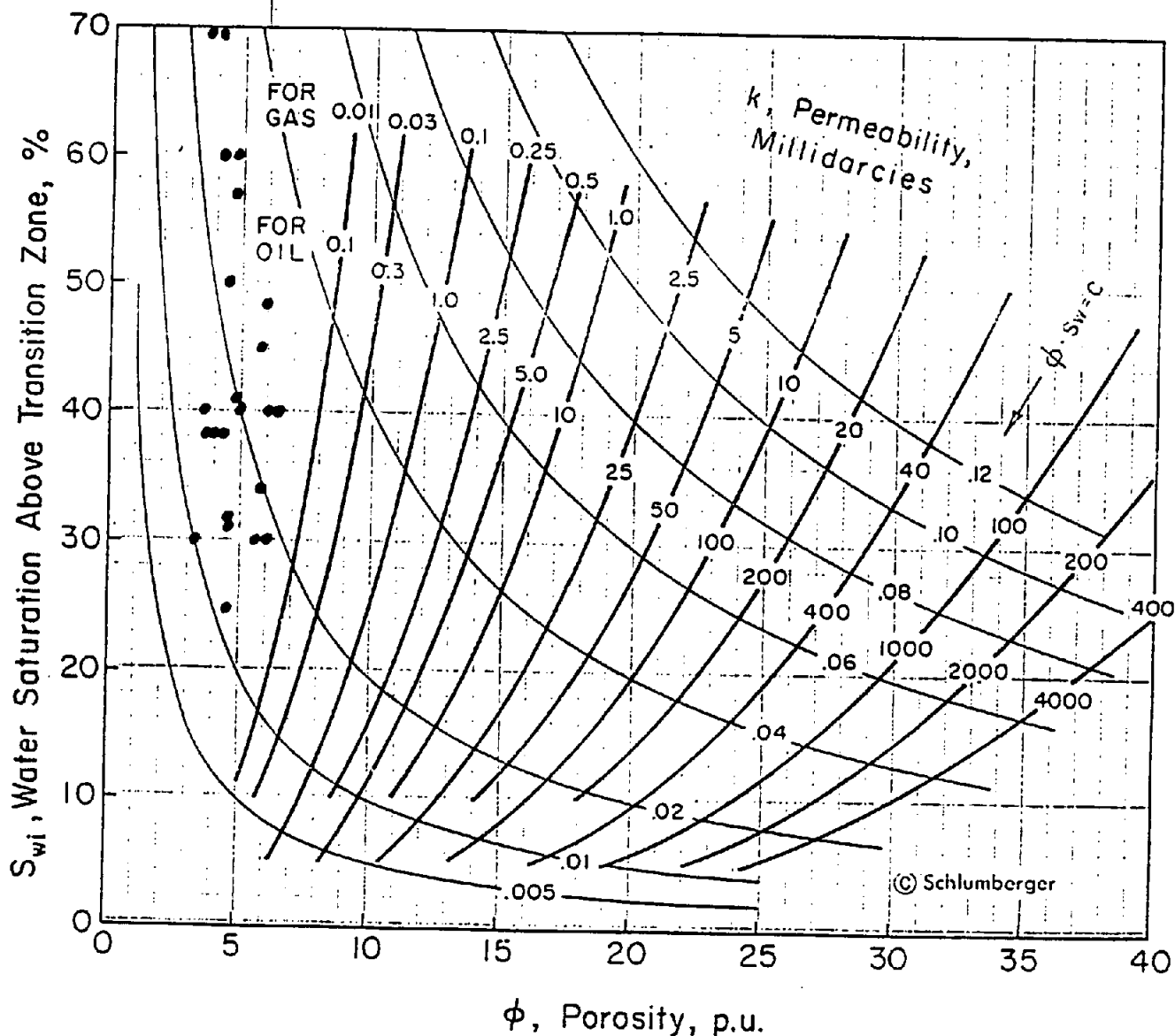
Average Porosity: 4.8%

Average Water Saturation: 42.4%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 1892

Pay Thickness: 20'

Well Name: Kentland Coal 20458

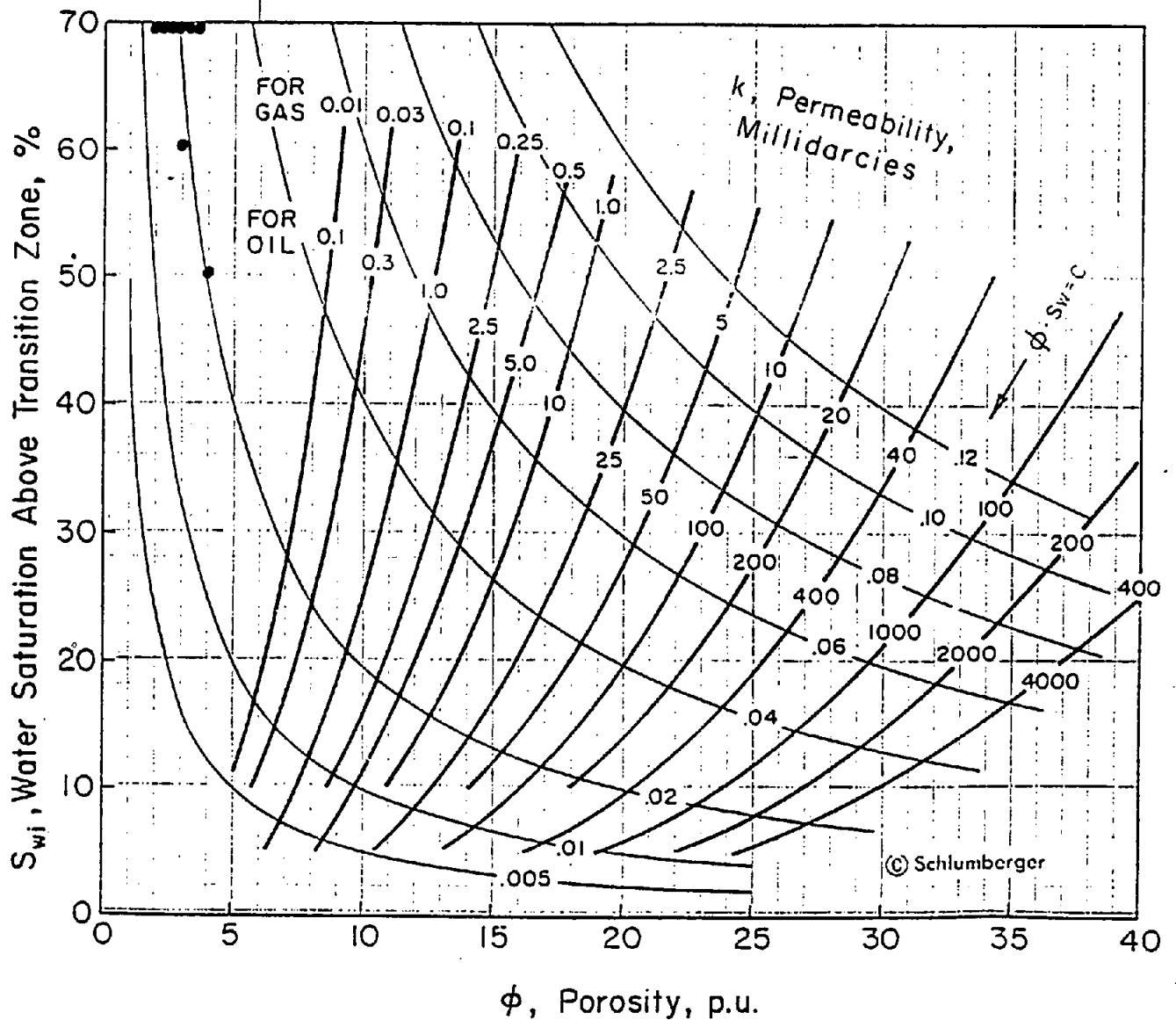
Average Porosity: 3.8%

Average Water Saturation: 59.0%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 1898

Pay Thickness: 54'

Well Name: Big Sandy Co. 1452

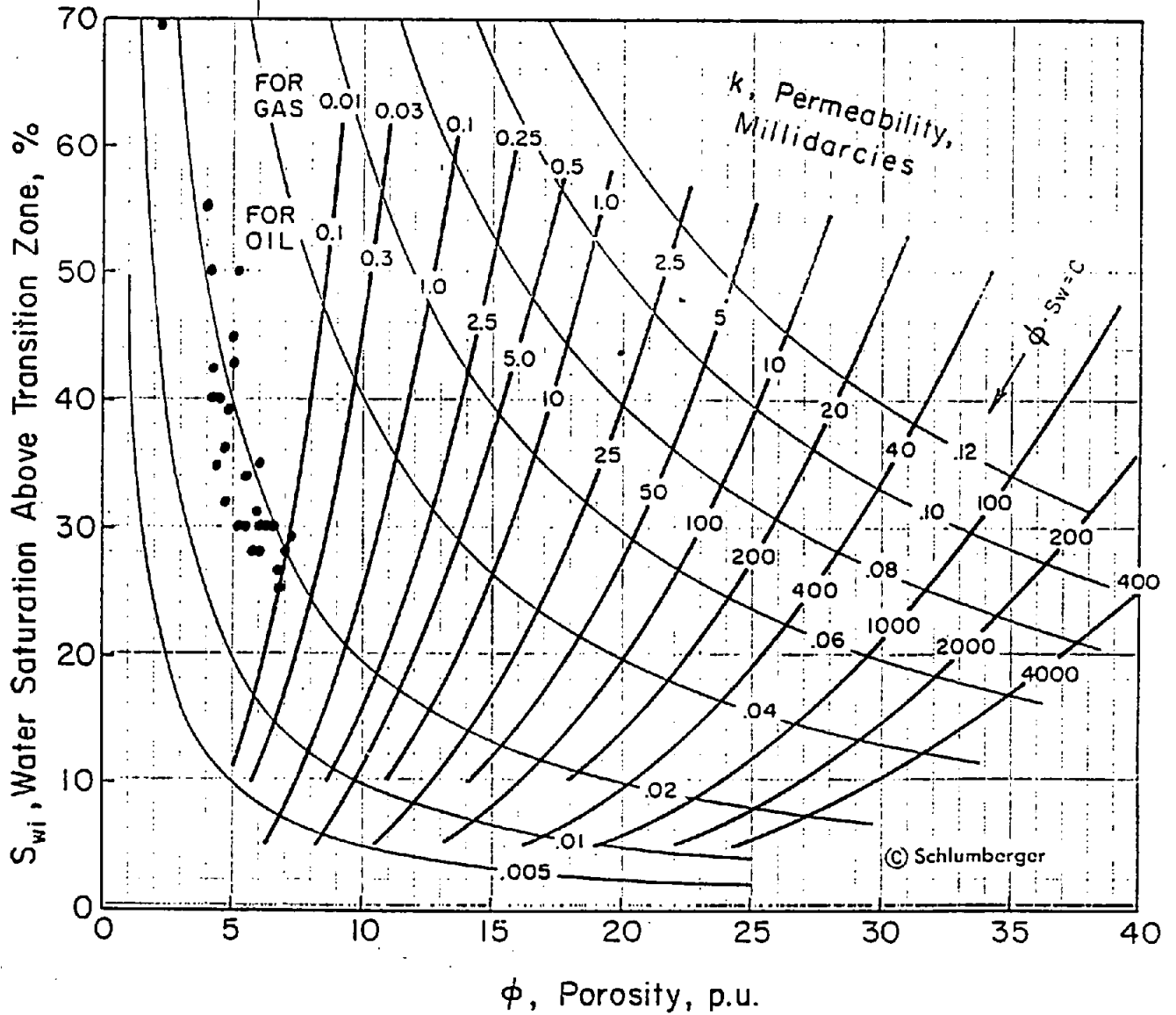
Average Porosity: 5.4%

Average Water Saturation: 37.3%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 1904

Pay Thickness: 32'

Well Name: Kentland Coal 9478

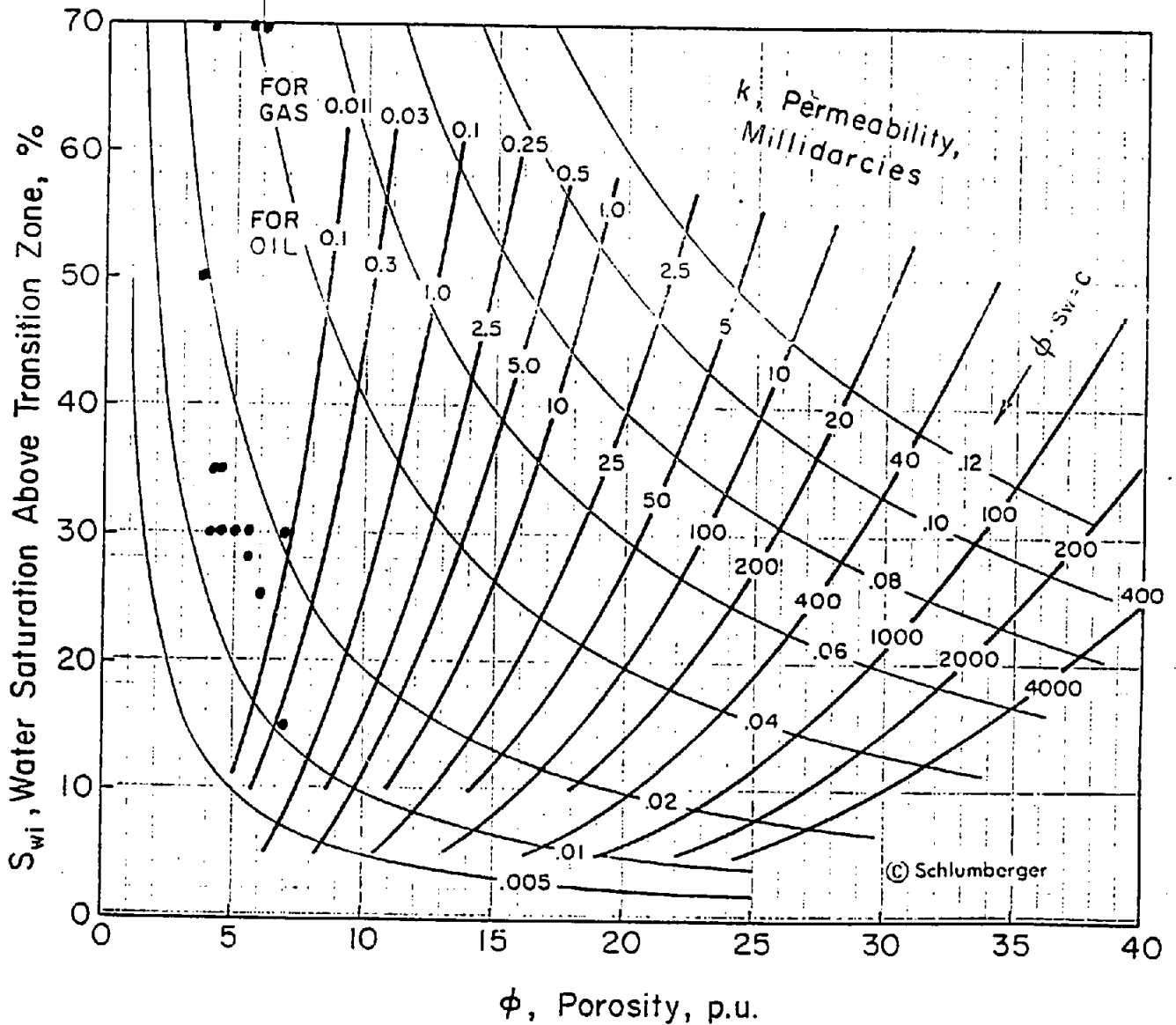
Average Porosity: 5.2%

Average Water Saturation: 24.5%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 2058

Pay Thickness: 44'

Well Name: Colony Coal & Coke 77

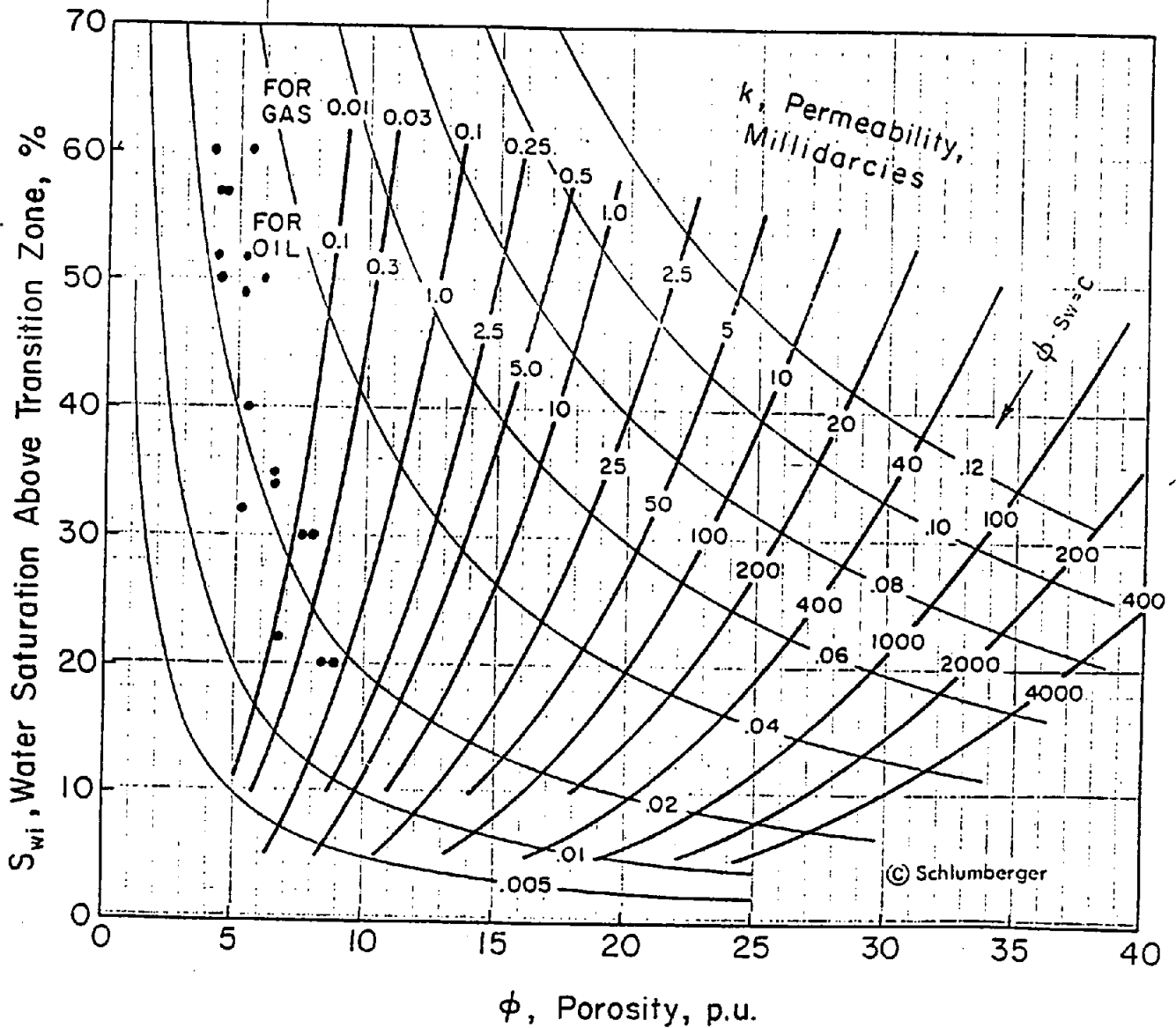
Average Porosity: 6.36%

Average Water Saturation: 37.45%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 3048

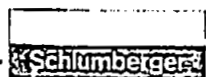
Pay Thickness: 106'

Well Name: J. C. Dotson 4

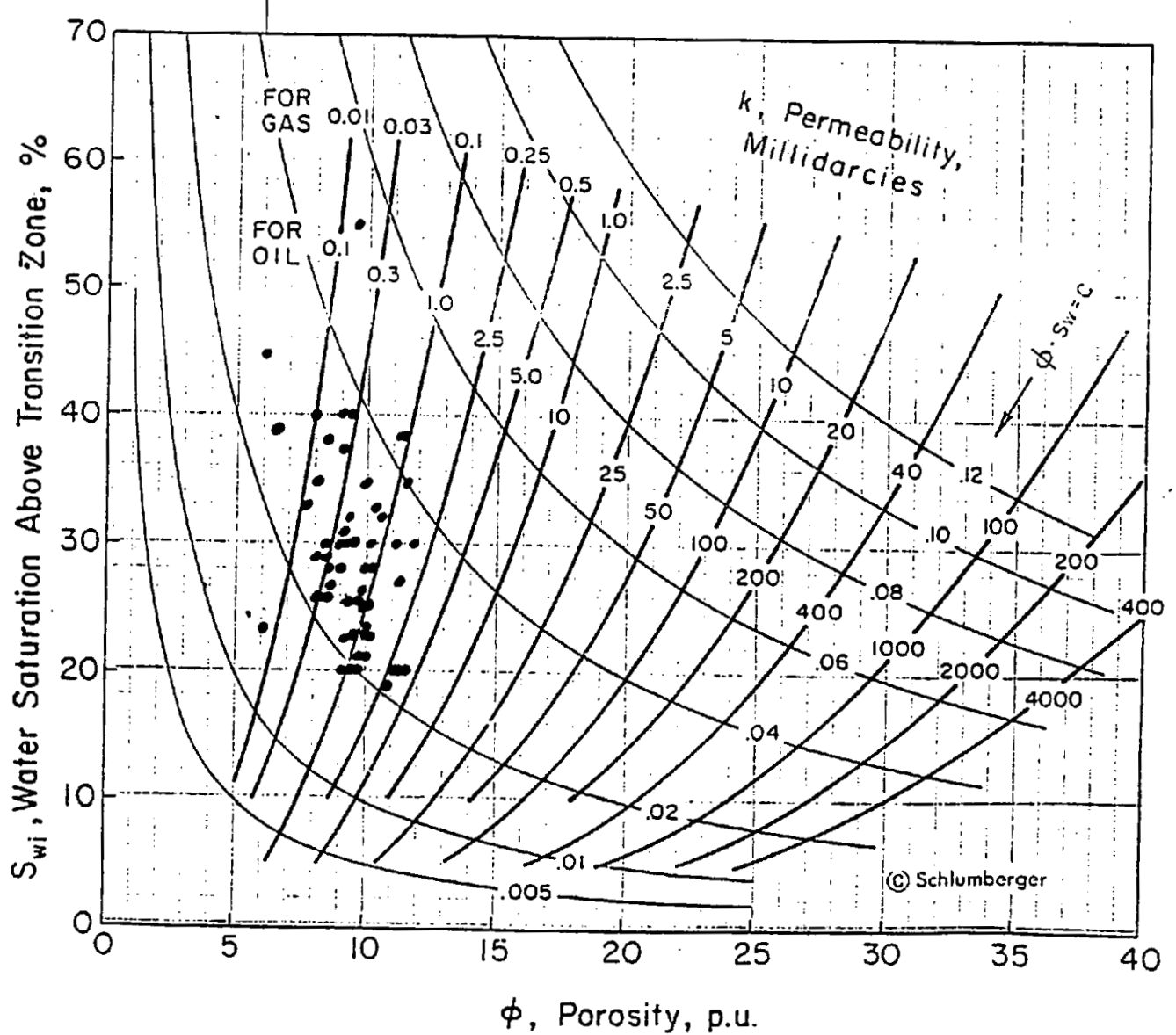
Average Porosity: 9.5%

Average Water Saturation: 29.32%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 3051

Pay Thickness: 82'

Well Name: G. C. Rowe 6980

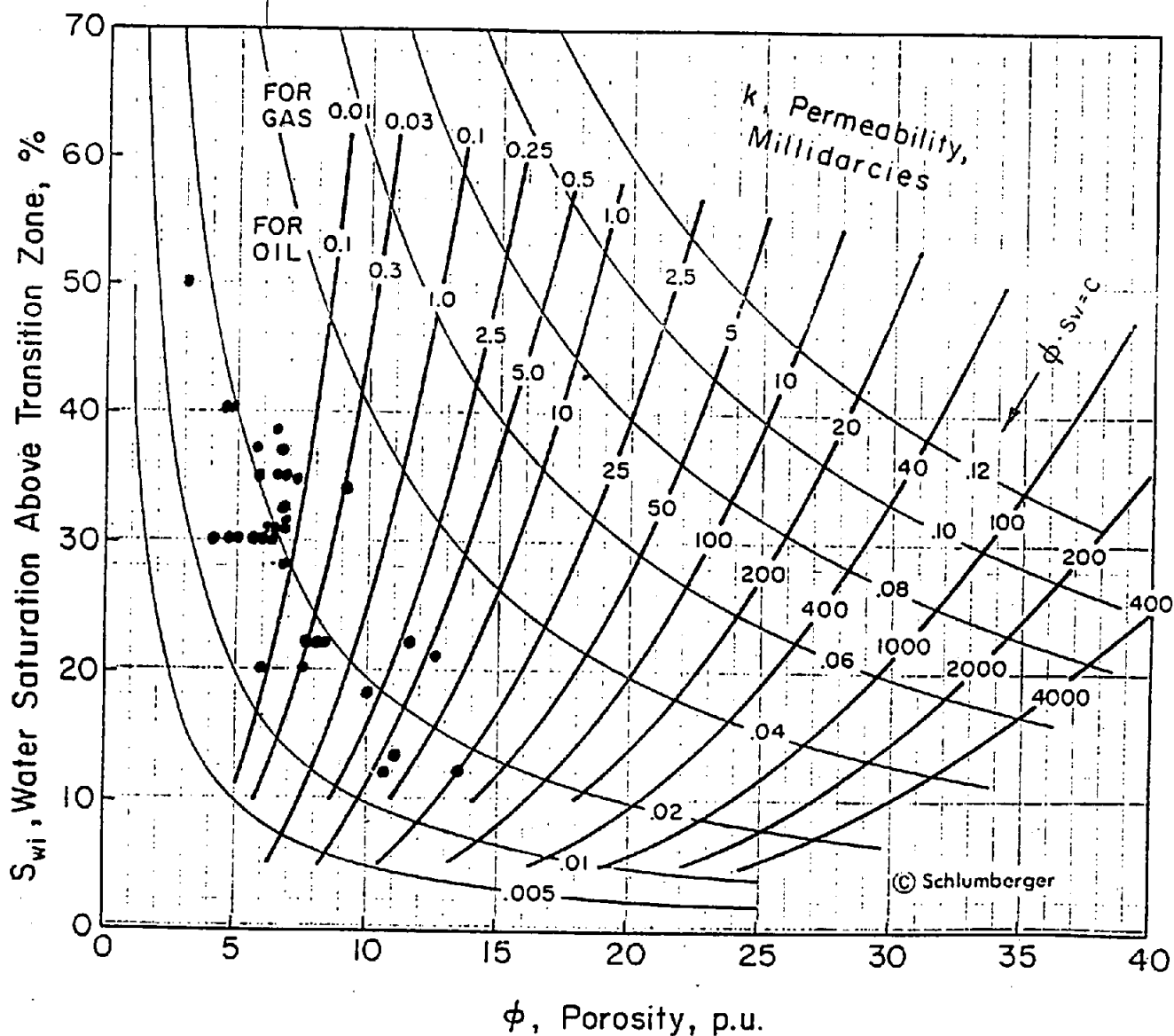
Average Porosity: 8.5%

Average Water Saturation: 28.6%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 3067

Pay Thickness: 10'

Well Name: J. Hatcher Land 9

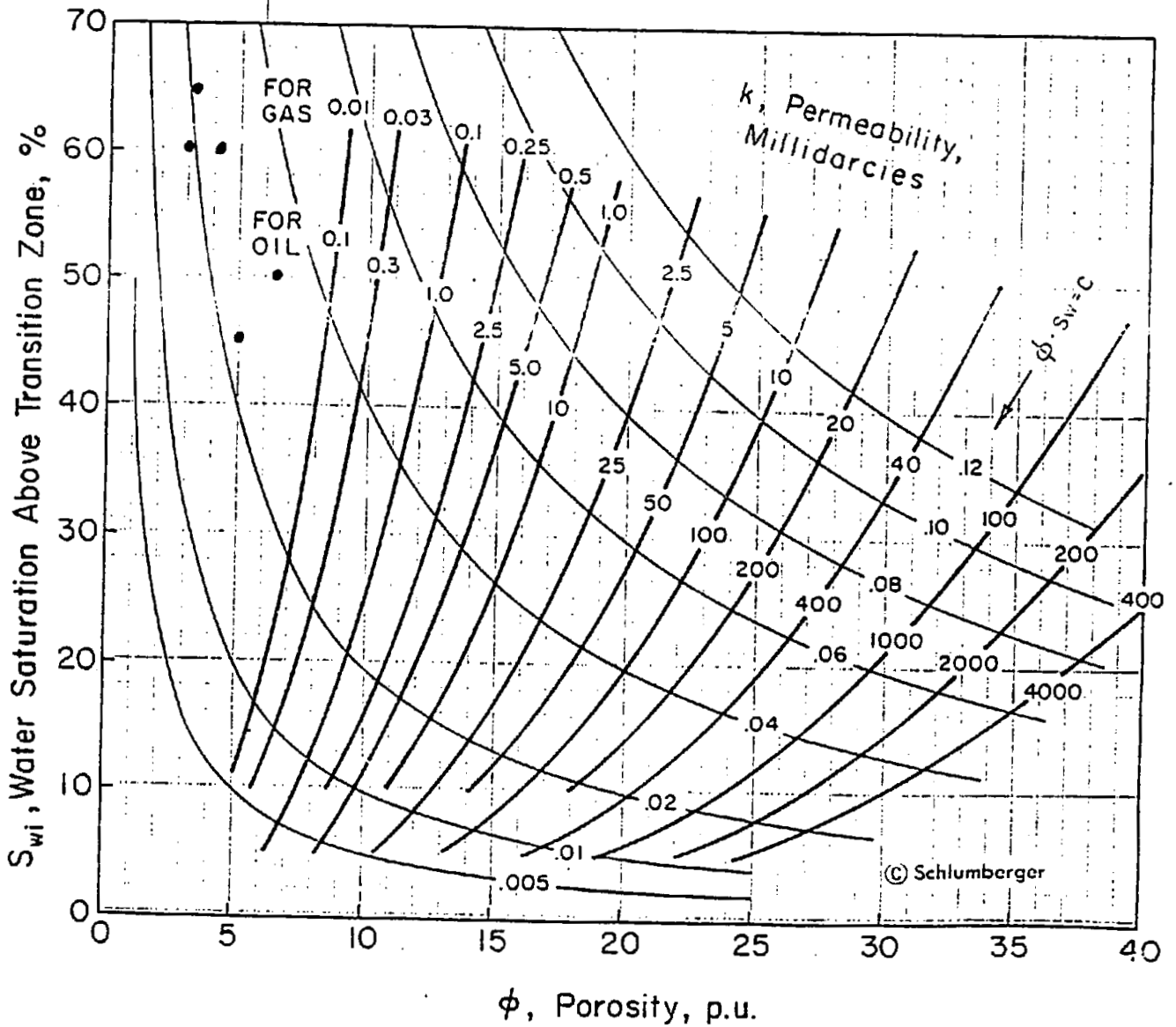
Average Porosity: 4.4%

Average Water Saturation: 56.0%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}



Berea Sandstone Permeability Data

Map Serial No.: 3068

Pay Thickness: 16'

Well Name: Colony Coal & Coke 77

Average Porosity: 6.04%

Average Water Saturation: 52.5%

Average Permeability: < 0.1 Md



PERMEABILITY: SANDSTONES, SHALY SANDS^{16, 17}

