



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

COAL OPERATOR OR COAL OWNER	UNITED FUEL GAS CO., <small>NAME OF WELL OPERATOR</small>
ADDRESS	% G. H. Moore Box 1273, Charleston, 25, W. Va. <small>COMPLETE ADDRESS</small>
COAL OPERATOR OR COAL OWNER	May 27, 19 48
ADDRESS	PROPOSED LOCATION Lincoln District
UNITED FUEL GAS CO., <small>OWNER OF MINERAL RIGHTS</small>	Wayne County
P.O. Box 1273, Charleston 25, W. Va. <small>ADDRESS</small>	Well No. 6364 ^{38° 00'} _{82° 25'} UNITED FUEL GAS CO., Mineral Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under ^{Deed} ~~grant or lease~~ dated February 15, 1926, made by Ray Coffman, et ux, to The Old Colony Oil & Gas Co., and recorded on the 28th day of August, 1926, in the office of the County Clerk for said County in Book 148, page 87.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

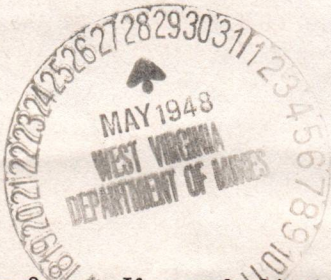
The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address Same day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

	UNITED FUEL GAS CO., <small>WELL OPERATOR</small>
	% G. H. Moore <small>STREET</small>
	P.O. Box 1273, Charleston 25 <small>CITY OR TOWN</small>
	West Virginia <small>STATE</small>



Address of Well Operator }

11/17/2023

*Section 3. If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

578

June 7, 1948

United Fuel Gas Company
c/o G. H. Moore
Box 1273
Charleston, West Virginia

Gentlemen:

Enclosed is permit ~~Way-578~~ to drill Well
No. 6364 on the United Fuel Gas Company, Lincoln
District, Wayne County.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CNH:K
Encl-2

CC: Inspector D. E. Lawson

11/17/2023



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Waynesville

WELL RECORD

Permit No. WAY-578

Oil or Gas Well Gas
(KIND)

Company UNITED FUEL GAS CO.
Address P.O. Box 1273, Charleston 25, W. Va.
Farm U.F.G. Co. Mineral Tract #1 Acres 6438.52
Location (waters) Left Fk. of Wells Br.
Well No. 6364 Elev. 776.47
District Lincoln County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by UNITED FUEL GAS CO.
P.O. Box 1273, Address Chas. 25, W. Va.
Drilling commenced 5-27-48
Drilling completed 7-7-48
Date Shot 7-8-48 From 2134 To 2861
With 5333-1/3# Gel.
Open Flow 26 /10ths Water in 1 Inch
/10ths Merc. in _____ Inch
Volume 54 M - Shale Cu. Ft.
Rock Pressure 310 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 80 feet _____ feet
Salt water 687, 724 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18 <u>3/8</u>	<u>22</u>	<u>22</u>	
10	<u>195</u>	<u>195</u>	Size of
8 1/4	<u>1051</u>	<u>Pulled</u>	
6 5/8	<u>1214</u>	<u>1214</u>	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 18 FEET 24 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	4			
Sandstone			4	13			
Slate			13	18			
Coal			18	20			
Slate			20	50			
Sand			50	85	Water 80' hole full		
Slate			85	130			
Sand			130	177			
Slate & shells			177	190			
Sand			190	230			
Slate & shells			230	310			
Sand			310	340			
Slate			340	390			
Sand			390	415			
Slate & shells			415	622			
Sand			622	733	Show oil and water 665-670		
Slate & shells			733	824	Water 687' 4 bailers per hr.		
Black Lime			824	838	Hole full water 724'.		
Slate & shells			838	886			
Sand			886	963			
Slate			963	1049			
Black Lime			1049	1074			
Sand			1074	1093			
Black Lime			1093	1100			
Slate & shells			1100	1125			
Little Lime			1125	1137			
Red Rock			1137	1148			
Black Lime			1148	1205			
Big Lime			1205	1408			
Red Injun			1408	1438	Show gas 1437'		
Slate			1438	1562			
Lime			1562	1571			
Slate & shells			1571	1944			
Berea Grit			1944	2037	Show oil 1960-1965.		
White Slate			2037	2063			
Brown Shale			2063	2140			
White Slate			2140	2335			
Brown Shale			2335	2485			



11/17/2023

U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**
(Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

<p>1.0 API well number: (If not assigned, leave blank 14 digits.)</p>	<p><u>47-099-00578</u></p>			
<p>2.0 Type of determination being sought (Use the codes found on the front of this form.)</p>	<p><u>107 DU</u> Section of NGPA</p>		<p>Category Code RECEIVED</p>	
<p>3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p><u>2855</u> feet</p>		<p>JUN 3 1982</p>	
<p>4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)</p>	<p>Columbia Gas Transmission Corporation Name P. O. Box 1273 Street Charleston City</p>			<p>004030 Seller Code</p>
<p>5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)</p>	<p><u>WD Field Area B</u> Field Name <u>Wayne</u> County <u>WV</u> State</p>			
<p>(b) For OCS wells</p>	<p><u>NA</u> Area Name Block Number Date of Lease Mo. Day Yr. OCS Lease Number</p>			
<p>(c) Name and identification number of this well (35 letters and digits maximum.)</p>	<p><u>TCO Fee</u> <u>806364</u></p>			
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)</p>	<p><u>NA</u></p>			
<p>6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)</p>	<p>* Name</p>			<p>004030 Buyer Code</p>
<p>(b) Date of the contract:</p>	<p>Mo. Day Yr. *</p>			
<p>(c) Estimated total annual production from the well</p>	<p><u>8</u> Million Cubic Feet</p>			
<p>7.0 Contract price (As of filing date. Complete to 3 decimal places.)</p>	<p>S/MMBTU</p>	<p>(a) Base Price</p>	<p>(b) Tax</p>	<p>(c) All Other Prices (Indicate (+) or (-).)</p>
<p>8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)</p>	<p>S/MMBTU</p>	<p><u>Dereg</u></p>		
<p>9.0 Person responsible for this application:</p>	<p>Albert H. Mathena, Jr., Director, Production Eng.</p>			
<p>Agency Use Only</p>	<p>Name</p>			
<p>Date Received by Juris. Agency</p>	<p><u>Albert H. Mathena, Jr.</u> Signature</p>			
<p>Date Received by FERC</p>	<p><u>5-20-82</u> Date Application is Completed</p>			
	<p><u>(304) 346-0951</u> Phone Number</p>			

*This is a pipeline production well. No contract exists and no sales are made.

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's Well No. 806364

API Well No.

47 - 099 - 00578
State County Permit

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE
NGPA Section 107

DESIGNATED AGENT James L. Weekley

ADDRESS P. O. Box 1273
Charleston, WV 25325

LOCATION Elevation 776.47'
Watershed _____

WELL OPERATOR Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273
Charleston, WV 25325

Dist. Lincoln County Wayne Quad. _____

Gas Purchase Contract No. N.A.

GAS PURCHASER N.A.

Meter Chart Code _____

ADDRESS _____

Date of Contract N.A.

This is a pipeline production well and no gas purchase contract exists.

Date surface drilling began: 5-27-1948

Indicate the bottom hole pressure of the well and explain how this was calculated.

See Supplement

AFFIDAVIT

I, Albert H. Mathena, Jr., having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

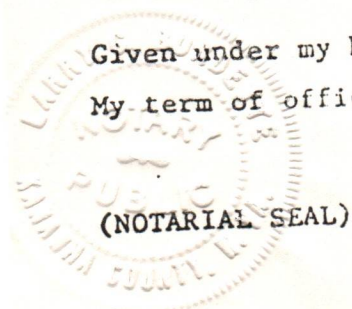
Albert H Mathena Jr

STATE OF WEST VIRGINIA

COUNTY OF KANAWHA, TO-WIT:

I, Larry G. Burdette, a Notary Public in and for the state and county aforesaid, do certify that Albert H. Mathena, Jr., whose name is signed to the writing above, bearing date the 20 day of May, 19 82, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 20 day of May 11/17/2023 82.
My term of office expires on the 13 day of August, 19 89.



Larry G Burdette
Notary Public

partially visible

11/17/2023



6. Exhibits No. 2 and 3 lists the wells to be under consideration for Section 107 pricing. All these wells are located on Exhibits No. 4 and 5 and have been completed in the Devonian Shale.

7. Applicant, by letter dated June 25, 1982 (Exhibit No. 3) requested that eight (8) of the wells listed on Attachment A be stricken from the docket for hearing and they have been withdrawn.

8. Exhibit No. 6 shows random sampling of already qualified Devonian Shale wells.

9. Various cross-sections throughout the interval show gamma ray logs of the wells (see Exhibits Nos. 7, 8 and 9).

10. No well has any non-shale greater than 5% in the Devonian interval penetrated.

11. No gamma ray logs are available on these wells since they were all drilled before logging was common in West Virginia.

CONCLUSION OF LAW

1. That due notice of the time, place and purpose of the hearing has been given in all respects as required by law.

2. That pursuant to Chapter 22, Article 4, Code of West Virginia of 1931, as amended, the Office has jurisdiction over the subject matter embraced in said notice, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

ORDER

NOW, therefore, based on the aforementioned Findings of Fact and Conclusion of Law, it is found by the Administrator that Columbia Gas Transmission Corporation's applications for classification under Section 107 of the Natural Gas Policy Act for certain wells in Boone, Cabell, Jackson, Kanawha, Lincoln, Logan, Mingo and Wayne Counties, identified in Attachment A, are approved.

The Office of Oil and Gas further incorporates the Report of the Office and Findings of Fact and Conclusion of Law dated June 28, 1982, as if the same were fully set forth and includes hereto the Report of the Office and Findings of Fact and Conclusion of Law as a part of this Order.

Entered this 12th day of July, 1983.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

OFFICE OF OIL AND GAS
OF THE DEPARTMENT OF MINES
OF THE STATE OF WEST VIRGINIA

By:  11/17/2023
Theodore M. Streit, Administrator