



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.

None  
COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

United Fuel Gas Co.  
OWNER OF MINERAL RIGHTS

P. O. Box 1273, Charleston 25, W. Va.  
ADDRESS

United Fuel Gas Co.  
NAME OF WELL OPERATOR

c/o G. H. Moore  
P. O. Box 1273, Charleston 25, W. Va.  
COMPLETE ADDRESS

February 3, 19 49

PROPOSED LOCATION

Lincoln District

Wayne County

Well No. 6516 38° 05'  
82° 20'

United Fuel Gas Co. 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 ~~grant or lease~~ <sup>deed</sup> dated February 15, 1926, made by Ray Coffman, et ux, to The Old Colony O. & G. 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 \_\_\_\_\_ 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.  
WELL OPERATOR  
c/o G. H. Moore  
STREET  
P. O. Box 1273, Charleston 25  
CITY OR TOWN  
West Virginia  
STATE

Address of Well Operator }



11/10/2023

\*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.

667





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Wayne*

WELL RECORD

Permit No. WAY-667

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. Min. Tr. #5 Acres 6473  
Location (waters) Missouri Br. of 12 Pole Cr.  
Well No. 6516 Elev. 1111.02  
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 3-25-49  
Drilling completed 7-16-49  
Date Shot 7-19-49 From 2694 To 3210  
With 3600# Gel.  
Open Flow 19/10ths Water in 2" Inch  
         /10ths Merc. in \_\_\_\_\_ Inch  
Volume 184 M - Shale Cu. Ft.  
Rock Pressure 417 lbs. 48 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 350 feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	21'	21'	Size of
8 1/4	300	300	
6 3/8	1540	1540	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 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	12			
Sand			12	160			
Slate			160	180			
Sand			180	205			
Slate			205	250	Water	350'	6 B.P.H.
Sand			250	440			
Slate			440	490			
Sand			490	600			
Slate			600	815			
Sand			815	860			
Slate			860	910			
Gas Sand			910	1030			
Slate			1030	1090			
Salt Sand			1090	1295			
Slate & Shells			1295	1400			
Maxon Sand			1400	1427			
Slate			1427	1435			
Red Rock			1435	1445			
Slate & Shells			1445	1473			
Little Lime			1473	1514	Gas	1660'	Show
Big Lime			1514	1717			
Red Injun			1717	1755			
Slate & Shells			1755	2248			
Coffee Shale			2248	2270			
Berea Grit			2270	2375	Berea Gas	2273'	4/10 W 1" 21M
Brown Shale			2375	2454			
Slate			2454	2705			
Brown Shale			2705	2848			
White Slate			2848	2910			
Brown Shale			2910	3197	Shale Gas	3000'	5/10 W 1" 24M
White			3197	3210			
Total Depth			3210'				



*11/10/2023*

Test before shot 4/10 W 1" 21 M  
Shot 7-19-49 with 3600# Gel. 2694-3  
Test 21 Hrs. after shot 19/10 W 2"  
184 M  
OPEN FLOW - 184 M - Shale  
48 Hr. 417#

(Over)

Shut in 7-20-49 in 6-5/8" Casing.

UNITED FUEL GAS COMPANY  
COMPANY

SERIAL WELL NO. 6516

Deed  
~~LEASE~~ NO. 32723

MAP SQUARE 20-35

RECORD OF WELL NO. <u>6516</u> on the J. F. G. CO. MIN. WELL #5 farm of <u>6473</u> Acres in <u>LINCOLN</u> District <u>WAYNE</u> County State of: <u>WEST VIRGINIA</u> Field: <u>BRANCLAND</u> Rig Commenced <u>BY CONTRACTOR</u> 194 Rig Completed <u>BY CONTRACTOR</u> 194 Drilling Commenced <u>MARCH 25</u> 1949 Drilling Completed <u>JULY 16</u> 1949 Drilling to cost <u>\$2.75</u> per foot Contractor is: <u>R. J. PETRIE</u> Address: <u>HUNTINGTON, W. VA.</u>	CASING AND TUBING				TEST BEFORE SHOT
	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	
	<u>10"</u>	<u>32.75#</u>	<u>21.9'</u>	<u>21.9'</u>	<u>4</u> /10 of Water in <u>1</u> inc /10 of Merc. in <u>        </u> inc Volume <u>21.06</u> MCF Cu. f
	<u>8-1/4"</u>	<u>24#</u>	<u>300.6'</u>	<u>300.6'</u>	
	<u>6-5/8"</u>	<u>20#</u>	<u>1551.10'</u>	<u>1551.10'</u>	TEST AFTER SHOT <u>19</u> /10 of Water in <u>2</u> inc /10 of Merc. in <u>        </u> inc Volume <u>184</u> MCF Cu. f <u>48</u> Hours After Sho Rock Pressure <u>417#</u> Date Shot <u>July 19, 1949</u> Size of Torpedo <u>3600# Gelet</u>
			SHUT IN Date <u>July 20, 1949</u>		Oil Flowed <u>        </u> bbls. 1st 24 hrs Oil Pumped <u>        </u> bbls. 1st 24 hrs
Driller's Name <u>BENNIE SHEPHERD</u> <u>FRED MEABON</u>	<u>6-5/8" in.</u>		<u>4 1/2" O.D.</u> Casing		Well abandoned and Plugged <u>        </u> 194
			Size of Packer <u>6-5/8" X 8-1/4"</u>		
			Kind of Packer <u>Bottom Hole</u>		
			1st. Perf. Set <u>None</u> from <u>        </u>		
			2nd Perf. Set <u>        </u> from <u>        </u>		
Elevation: <u>1111.02</u>					

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	0	12	12	
Sand	12	160	148	
Slate	160	180	20	
Sand	180	205	25	
Slate	205	250	45	
Sand	250	440	190	Water at 350' - 6 bailers per hour
Slate	440	490	50	
Sand	490	600	110	
Slate	600	815	215	
Sand	815	860	45	
Slate	860	910	50	
Gas Sand	910	1030	120	
Slate	1030	1090	60	
Salt Sand	1090	1295	205	
Slate & Shells	1295	1400	105	
Maxon Sand	1400	1427	27	
Slate	1427	1435	8	

APPROVED  
*[Signature]*

11/10/2023



July 19

19 49

Mr. J. R. Hussey, Div. Supt.

Well No. 6516 (Serial No. ) on UFG Co. Min. Well #5 Farm

Was shot this date with 3600# Gelatin quarts

Number of Shells 54 shells

Length of Shells 4-1/4 x 10.6"

Top of Shot 2694'

Bottom of Shot 3210'

Top of Shale Sand 2694 feet  
(Name of Sand)

Bottom of Brown Shale Sand 3210' feet  
(Name of Sand)

Total Depth of Well 3210'

Results: before shot- 4/10 W-1" (21.06 MCF)

after shot- 19/10 W-2" (184 MCF)

Remarks:

Signed [Signature] District Supt.

NOTE-When a well is shot this form must be filled out and sent to the General Superintendent.

11/10/2023

1.0 API well number. (If not assigned, leave blank 14 digits.)	<u>47-099-00667-</u>					
2.0 Type of determination being sought (Use the codes found on the front of this form.)	<u>107 DV</u> Section of NGPA		- Category Code			
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)	<u>3210</u> feet					
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)	<u>Columbia Gas Transmission Corporation</u> Name <u>P. O. Box 1273</u> Street <u>Charleston</u> City		<u>004030</u> Seller Code	<u>WV</u> State	<u>25325</u> Zip Code	
5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	<u>WV Field Area B</u> Field Name <u>Wayne</u> County				<u>WV</u> State	
(b) For OCS wells	<u>NA</u> Area Name		Block Number		Date of Lease _____ Mo. Day Yr.	OCS Lease Number
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>TCO Min. Tx. No. 5</u>		<u>806516</u>			
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)	<u>NA</u>					
6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)	* Name		<u>004030</u> Buyer Code			
(b) Date of the contract	_____ Mo. Day Yr. *					
(c) Estimated total annual production from the well	<u>7</u> Million Cubic Feet					
		(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)	
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	S/MMBTU	- . - . - .	- . - . - .	- . - . - .	- . - . - .	
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>Deveg</u>	- . - . - .	- . - . - .	- . - . - .	
9.0 Person responsible for this application:	Albert H. Mathena, Jr., Director, Production Eng.					
Agency Use Only	Name					
Date Received by Juris. Agency <u>JUN 3 - 1982</u>	Title					
Date Received by FERC	Signature <u>Albert H. Mathena Jr.</u>					
	<u>5-20-82</u> Date Application is Completed		<u>(304) 346-0951</u> Phone Number			

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

11/10/2023

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

**Remarks:**

11/10/2023



DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's  
Well No. 806516

API Well No.

47 - 099 - 00667  
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 1111.02'  
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: 3-25-1949

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.

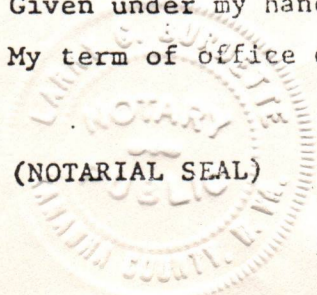
STATE OF WEST VIRGINIA

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, 19 82.  
My term of office expires on the 13 day of August, 19 89.

11/10/2023



Larry G. Burdette  
Notary Public

11/10/2023



Way-667



State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

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

IN THE MATTER OF THE APPLICATIONS )  
OF COLUMBIA GAS TRANSMISSION )  
CORPORATION REQUESTING CLASSI- )  
FICATION UNDER SECTION 107 OF THE )  
NATURAL GAS POLICY ACT OF CERTAIN )  
WELLS IN BOONE, CABELL, JACKSON, )  
KANAWHA, LINCOLN, LOGAN, MINGO )  
AND WAYNE COUNTIES, WEST VIRGINIA. )

CAUSE NO. 33  
ORDER NO. 1

REPORT OF THE OFFICE

This cause came before the Administrator of the Office of Oil and Gas on June 28, 1982, at 1:00 p.m., in Conference Room C, Capitol Conference Center, Charleston, West Virginia, after giving notice of hearing as required by law on the applications of Columbia Gas Transmission Corporation for certification of certain wells in Boone, Cabell, Jackson, Kanawha, Lincoln, Logan, Mingo and Wayne Counties as Devonian Shale wells under Section 107(c)(4) of the Natural Gas Policy Act.

FINDINGS OF FACT

1. Applicant is an operator within the meaning of paragraph (w) of Chapter 22-4-1.
2. Applicant has made filings for certification pursuant to Rule 34.04.
3. The Natural Gas Policy Act (NGPA) in Section 107, Ceiling Price For High-Cost Natural Gas--(c) Definition of High-Cost Natural Gas-- "For purposes of this section, the term "high-cost natural gas" means natural gas determined in accordance with Section 503 to be....(4) produced from Devonian Shale."
4. The Federal Energy Regulatory Commission (FERC) by Rule 272.101-(c) prescribes the method by which the jurisdictional agency may determine gas produced from Devonian Shale.
5. Exhibits refer to evidence gathered at a public hearing held June 28, 1982.

11/10/2023

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: 

Theodore M. Streit, Administrator

11/10/2023