



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 21, 19 49
PROPOSED LOCATION

Grant District

Wayne County

Well No. 6531

United Fuel Gas Co.
Mineral Tract No. 1 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 dated December 26, 1946, made by Huntington Dev. & Gas Co., to United Fuel Gas Company, and recorded on the 27th day of December, 1946, in the office of the County Clerk for said County in Book 234, page 318.

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, W. Va.
CITY OR TOWN
West Virginia
STATE



Address of Well Operator }

\*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.

674



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Brown Shale			3020	3367	Gas	3061'	2/10 W 1" 15M
White Slate			3367	3388	Gas	3250'	4/10 W 1" 21M
Total Depth			3388' SLM				
							Test before shot 2/10 W 1" 15 M Shot 6-13-50 with 7200# DuPont Gelatin from 2372-3388'. Test 70 hours after shot 28/10 W 2" 22 M
							<u>FINAL OPEN FLOW</u> - 223 M - Br. Shale 48 Hr. R.P. 525#
							Shut in 6-16-50 in 7" Casing.

11/10/2023

Date August 7, 1950

APPROVED United Fuel Gas Co., Owner

By G. D. Moore  
Chief Engineer (Title) e.





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Wayatauck*

WELL RECORD

Permit No. WAY-674

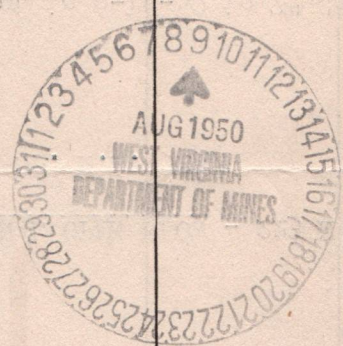
Oil or Gas Well Gas  
(KIND)

Company United Fuel Gas Co.  
Address P. O. Box 1273, Charleston 25, W. Va.  
Farm U.F.G. Co. Min. Tr. #1 Acres 38,448.03  
Location (waters) Open Fk. of East Fk. of 12 Pole Cr.  
Well No. 6531 Elev. 1029.48'  
District Grant 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 4-8-50  
Drilling completed 6-11-50  
Date Shot 6-13-50 From 2372 To 3388  
With 7200# Gel.  
Open Flow 28/10ths Water in 2" Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 223 M - Br. Shale Cu. Ft.  
Rock Pressure 525 lbs. 48 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water None Shown feet \_\_\_\_\_ feet  
Salt water " " feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	<u>40'-11"</u>	<u>40'-11"</u>	
10	<u>197'-5"</u>	<u>197'-5"</u>	Size of
<u>8 1/2" 7"</u>	<u>1545'</u>	<u>1545'</u>	Depth set
6 5/8			Perf. top
5 3/16			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 110 FEET 60 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	12			
Slate			12	40			
Sand			40	70			
Lime Shell			70	90			
Slate			90	105			
Sand			105	110			
Coal			110	115			
Sand			115	165			
Slate			165	185			
Sand			185	225			
Slate			225	235			
Sand			235	295			
Slate			295	305			
Sand			305	350			
Slate			350	400			
Sand			400	430			
Slate & Lime Shs.			430	595			
Sand			595	620			
Lime Shells			620	650			
Slate			650	750			
Sand			750	820			
Slate & Shs.			820	910			
Salt Sand			910	1205			
Slate			1205	1425			
Red Rock			1425	1432			
Slate			1432	1467			
Little Lime			1467	1496			
Pencil Cave			1496	1500			
Big Lime			1500	1512			
Slate			1512	1519			
Big Lime			1519	1730	Gas	165	11/10/2026
Red Injun			1730	1775			
Slate & Shs.			1775	2305			
Berea			2305	2325			
Slate & Shs.			2325	2380			
Brown Shale			2380	2445			
Slate & Shs.			2445	2900			
Gray Shale			2900	3020			





**UNITED FUEL GAS COMPANY**  
COMPANY

WELL NO. **6531**

LEASE NO. **00000000**

MAP SQUARE **24-33**

RD OF WELL NO. <b>6531</b> on the	<b>CASING AND TUBING</b>				<b>TEST BEFORE SHOT</b>
<b>38,448.03</b> Acres	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	<b>2</b> /10 of Water in <b>1"</b> in
<b>GRANT</b> District	<b>10-3/4"</b>	<b>32.75#</b>	<b>197'5"</b>	<b>197'5"</b>	/10 of Merc. in..... in
<b>WAYNE</b> County	<b>13-3/8"</b>	<b>54.5#</b>	<b>40'11"</b>	<b>40'11"</b>	Volume <b>14.90 MCF</b> Cu.
State of: <b>WEST VIRGINIA</b>	<b>7"</b>	<b>20#</b>	<b>156'0"</b>	<b>156'0"</b>	<b>TEST AFTER SHOT</b>
Field: <b>BRANCHLAND</b>					<b>28</b> /10 of Water in <b>2"</b> in
Rig Commenced <b>MARCH 29</b> 19 <b>50</b>					/10 of Merc. in..... in
Rig Completed <b>APRIL 7</b> 19 <b>50</b>					Volume <b>223 MCF</b> Cu.
Drilling Commenced <b>APRIL 8</b> 19 <b>50</b>					<b>48</b> Hours After Sh
Drilling Completed <b>JUNE 11</b> 19 <b>50</b>					Rock Pressure <b>525#</b>
Drilling to cost <b>\$2.75</b> per foot					Date Shot <b>June 13, 1950</b>
Contractor is: <b>R. W. RAY</b>					Size of Torpedo <b>7200# Gale</b>
Address: <b>HAMLIN, W. VA.</b>	<b>SHUT IN</b>				Oil Flowed..... bbls. 1st 24 hr
	Date <b>June 16, 1950</b>				Oil Pumped..... bbls. 1st 24 hr
Driller's Name <b>CABELL MILLER</b>	<b>7"</b> in.	<del>7 1/2"</del> Casing			Well abandoned and
<b>A. P. BROOKOVER</b>	Size of Packer <b>6-5/8" X 8-1/4"</b>				Plugged..... 19
	Kind of Packer <b>Bottom Hole</b>				
	1st. Perf. Set..... from.....				
Elevation: <b>1029.48</b>	2nd Perf. Set..... from.....				

**DRILLER'S RECORD**

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil	0	12	12	
Slate	12	40	28	
Sand	40	70	30	<b>13-3/8" Casing 40'11"</b>
Lime Shell	70	90	20	
Slate	90	105	15	
Sand	105	110	5	
Coal	110	115	5	
Sand	115	165	50	
Slate	165	185	20	
Sand	185	225	40	<b>10-3/4" Casing 197'5"</b>
Slate	225	235	10	
Sand	235	295	60	
Slate	295	305	10	
Sand	305	350	45	
Slate	350	400	50	
Sand	400	430	30	
Slate, Lime, Shells	430	595	165	

**APPROVED**

11/10/2023



DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
	595	620	25	
Blue Shell	620	650	30	
Slate	650	750	100	
Sand	750	820	70	
Slate Shells	820	910	90	
Salt Sand	910	1205	295	
Slate	1205	1425	220	Reduced 10" Hole to 8" at 1208'
Red Rock	1425	1432	7	
Slate	1432	1467	35	
Little Lime	1467	1496	29	
Pencil Cave	1496	1500	4	
Big Lime	1500	1512	12	
Slate	1512	1519	7	
Big Lime	1519	1730	211	7" OD Casing set at 1545' on 5-17-50, Show of gas at 1652'
Red Injun	1730	1775	45	
Slate & Shells	1775	2305	530	
Berea Sand	2305	2325	20	
Slate & Shells	2325	2380	55	
Brown Shale	2380	2445	65	
Slate & Shells	2445	2900	455	
Gray Shale	2900	3020	120	
Brown Shale	3020	3367	347	Gas Pay at 3061' - 2/10 W-1"
White Slate	3367	3388	21	Gas Pay 3250' - Increased to 4/10 W-1"
Total Depth	3388			

RECEIVED  
JUL 27 1950  
DIVISION SUPT.

APPROVED  
*[Signature]*

Devonian Shale - 2325' to 3388'  
Total Shale - 1063'  
no sand logged  
no electric log  
Mary S. Friend  
Geologist

11/10/2023



June 13, 19 50

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

Well No. 6531 (Serial No.) on U.F.G. Co. Min. Tr. #1 Farm

Was shot this date with 7200# Gallatin quarts

Number of Shells 108 Shells

Length of Shells 4-1/4" x 10'6"

Top of Shot 2372'

Bottom of Shot 3388'

Top of Brown Shale Sand 2372' feet  
(Name of Sand)

Bottom of Brown Shale Sand 3388' feet  
(Name of Sand)

Total Depth of Well 3388'

Results: Before Shot 2/10 W-1" (14.90 MCF)

After Shot 28/10 W-2" (223 MCF)

Remarks:

RECEIVED  
JUL 27 1950  
DIVISION SUPT.

Signed *J. E. ...* District Supt.

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



1.0 API well number: (If not assigned, leave blank 14 digits.)		<u>47-099-00674 -</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		<u>-</u> Category Code	
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)		<u>3388</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>004030</u> Seller Code	
		<u>P. O. Box 1273</u> Street			
		<u>Charleston</u> City		<u>WV 25325</u> State 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		<u></u> Block Number	
		<u></u> Date of Lease Mo. Day Yr.		<u></u> OCS Lease Number	
(c) Name and identification number of this well (35 letters and digits maximum.)		<u>TCO Min. Tr. No. 1 806531</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.)		<u>*</u> Name		<u>004030</u> Buyer Code	
(b) Date of the contract:		<u></u> * Mo. Day Yr.			
(c) Estimated total annual production from the well		<u>20</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	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>Dereg</u>	<u>---</u>	<u>---</u>	<u>---</u>
9.0 Person responsible for this application:		<u>Albert H. Mathena, Jr., Director, Production Eng.</u>			
Agency Use Only		Name		Title	
Date Received by Juris. Agency		<u>Albert H. Mathena, Jr.</u>			
<u>JUN 10 1982</u>		Signature			
Date Received by FERC		<u>5-27-82</u>		<u>(304) 346-0951</u>	
		Date Application is Completed		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</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

58810 F WIL



Date 5-27-82  
Operator's Well No. 806531  
API Well No.  
47 - 099 - 00674  
State County Permit

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

WELL OPERATOR Columbia Gas Trans. Corp.  
ADDRESS P. O. Box 1273  
Charleston, WV 25325  
GAS PURCHASER N.A.  
ADDRESS \_\_\_\_\_

DESIGNATED AGENT James L. Weekley  
ADDRESS P. O. Box 1273  
Charleston, WV 25325  
LOCATION Elevation 1029.48'  
Watershed \_\_\_\_\_  
Dist. Stonewall County Wayne Quad. \_\_\_\_\_  
Gas Purchase Contract No. N.A.  
Meter Chart Code \_\_\_\_\_  
Date of Contract N.A.

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

Date surface drilling began: 4-8-1950

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 27 day of May, 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 27 day of May 11/10/2023.  
My term of office expires on the 13 day of August, 1989.

(NOTARIAL SEAL)

Larry G Burdette  
Notary Public





099-674

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.

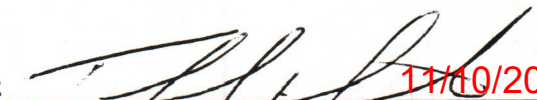
The Office of Oil and Gas further incorporates the Report of the Office and Findings of Fact and Conclusion of Law dated June 28, 1982, as if the same were fully set forth and includes hereto the Report of the Office and Findings of Fact and Conclusion of Law as a part of this Order.

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:



11/10/2023

Theodore M. Streit, Administrator