



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

January 21, 1949

PROPOSED LOCATION

Grant District  
Wayne County  
38.051  
82.101

Well No. 6499  
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 ~~grantee~~ <sup>deed</sup> ~~lease~~ dated December 26, 1946, made by Huntington Dev. & Gas Co., to United Fuel Gas Co., 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.

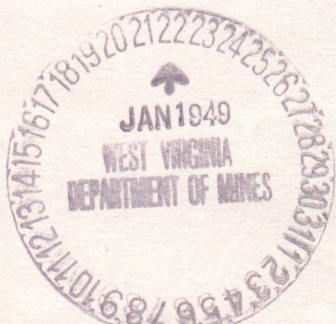
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting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



Address of Well Operator }

United Fuel Gas Co.  
WELL OPERATOR  
c/o G. H. Moore  
STREET  
P. O. Box 1273, Charleston 25,  
CITY OR TOWN 11/17/2023  
West Virginia  
STATE

\*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.

657





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Midkiff*

WELL RECORD

Permit No. WAY-657

Oil or Gas Well Gas  
(KIND)

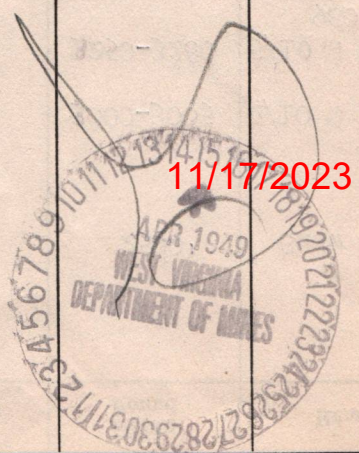
Company United Fuel Gas Company  
Address P. O. Box 1273, Charleston 25, W. Va.  
Farm U.F.G. Co. Mineral Tr. # 1 Acres 38,448.03  
Location (waters) Big Laurel Cr.  
Well No. 6499 Elev. 977.72  
District Grant County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by United Fuel Gas Co.  
P. O. Box 1273, Address Chas. 25, W. Va.  
Drilling commenced 1-19-49  
Drilling completed 3-15-49  
Date Shot Not Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	23	23	Size of
8 1/4 8-5/8	305	305	Depth set
6 5/8	1714	1714	
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Open Flow 45 /10ths Water in \_\_\_\_\_ Inch  
2 /10ths Merc. in \_\_\_\_\_ Inch  
Volume 1,043 M - Shale Cu. Ft.  
Rock Pressure 430 lbs. 5 Days \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 75 feet \_\_\_\_\_ feet  
Salt water 990 feet \_\_\_\_\_ feet

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	10			
Sand			10	36			
Slate			36	68	Water	75'	Hole full
Sand			68	105			
Slate			105	130			
Sand			130	190			
Slate			190	240			
Sand			240	290			
Slate			290	310			
Sand			310	330			
Slate			330	360			
Sand			360	390			
Slate			390	440			
Sand			440	465			
Slate			465	640			
Sand			640	710			
Slate			710	775			
Sand			775	825			
Slate			825	868	Water	990'	Hole full
Salt Sand			868	1190			
Black Slate			1190	1240			
Lime Shells			1240	1245			
Slate & Shells			1245	1370			
Hard Sand			1370	1553			
Little Lime			1553	1588			
Pencil Cave			1588	1593			
Big Lime			1593	1795			
Slate			1795	1805			
Red Rock			1805	1820			
Injun			1820	1845			
Slate			1845	1925			
Lime Shell & Slate			1925	2055			
Lime Shell			2055	2073			
Slate			2073	2084			
Shell			2084	2130			
Slate			2130	2138			
Lime Shell			2138	2170			
Slate			2170	2376			



**UNITED FUEL GAS COMPANY**  
COMPANY

SERIAL WELL NO. 6499 LEASE NO. Ref: 24689 MAP SQUARE 30-39

RECORD OF WELL NO. <u>6499</u> on the	<b>CASING AND TUBING</b>				<b>TEST BEFORE SHOT</b>
<u>J.F.G.Co.Min.Tr.#1</u> farm of <u>38,448.03</u> Acres	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	<b>WELL NOT SHOT</b> /10 of Water in.....inc
in <u>Grant</u> District	<u>10"</u>	<u>32.75#</u>	<u>23-9</u>	<u>23-9</u>	<u>35</u> /10 of Merc. in..... <u>2</u> .....inc
<u>Wayne</u> County	<u>8-5/8"</u>	<u>25.55#</u>	<u>305-0</u>	<u>305-0</u>	Volume..... <u>920</u> MCF.....Cu. f
State of: <u>West Virginia</u>	<u>6-5/8"</u>	<u>20#</u>	<u>1730-3</u>	<u>1730-3</u>	<b>TEST AFTER SHOT</b>
Field: <u>Branchland</u>					/10 of Water in.....inc
Rig Commenced <u>By Contractor</u> 194					/10 of Merc. in.....inc
Rig Completed <u>By Contractor</u> 194					Volume.....Cu. f
Drilling Commenced <u>Jan, 19</u> 1949					<b>5 Days</b> Hours After Sho
Drilling Completed <u>March 15,</u> 1949					Rock Pressure..... <u>430#</u>
Drilling to cost <u>\$2.75</u> per foot					Date Shot..... <u>WELL NOT SHOT</u>
Contractor is: <u>Roy &amp; McComas</u>					Size of Torpedo.....
Address: <u>Huntington, W. Va.</u>	<b>SHUT IN</b>				Oil Flowed.....bbls. 1st 24 hr
					Oil Pumped.....bbls. 1st 24 hr
Driller's Name <u>J. S. McComas</u>	<u>6-5/8" in.</u>				
<u>Paul E. Smith</u>					Well abandoned and
					Plugged.....194
Elevation: <u>977.72</u>					1st. Perf. Set.....from.....
					2nd Perf. Set.....from.....

**DRILLER'S RECORD**

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	0	10	10	
Sand	10	36	26	10" Casing- 23'9" Run
Slate	36	68	32	
Sand	68	105	37	Hole full Water at 75'
Slate	105	130	25	
Sand	130	190	60	
Slate	190	240	50	
Sand	240	290	50	
Slate	290	310	20	8-5/8" Casing- 305' - Run
Sand	310	330	20	
Slate	330	360	30	
Sand	360	390	30	
Slate	390	440	50	
Sand	440	465	25	
Slate	465	640	175	
Sand	640	710	70	
Slate	710	775	65	Hole full water at 990' <i>EM</i>

APPROVED  
*H. E. ...*

SERIAL WELL NO. 6499

LEASE NO. Ref: 24689

MAP SQUARE 30-39

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Sand	775	825	50	
Slate	825	868	43	
Salt Sand	868	1190	322	
Black Slate	1190	1240	50	
Lime Shell	1240	1245	5	
Slate & Shells	1245	1370	125	
Hard Sand	1370	1553	183	
Little Lime	1553	1588	35	
Pencil Cave	1588	1593	5	
Big Lime	1593	1795	202	6-5/8" Casing Point- 1714'-SLM
Slate	1795	1805	10	
Red Rock	1805	1820	15	
Injun	1820	1845	25	
Slate	1845	1925	80	
Lime Shell & Slate	1925	2055	130	
Lime Shell	2055	2073	18	
Slate	2073	2084	11	
Shell	2084	2130	46	
Slate	2130	2138	8	
Lime Shell	2138	2170	32	
Slate	2170	2376	206	
Brown Shale	2376	2391	15	
Berea Sand	2391	2397	6	
Slate	2397	2425	28	
Hard Shell	2425	2447	22	
Lime Shell & Slate	2447	2600	153	Show of gas at 2590'
White Slate	2600	2804	204	
Brown Shale	2804	2897	93	
Gray Shale	2897	3015	118	2/10 W-1" 3000' to 3005'
Brown Shale	3015	3050	35	5/10 W-6-5/8" casing 3250 to 3260'
White Shale	3050	3210	160	Blowed down to 14/10 W-2" before drilling pay at 3401'
Brown Shale	3210	3412	202	Increased to 45/10 W-2".
Total Depth	3412			

APPROVED  
*H. E. [Signature]*

Devonian Shale - 2397' to 3412'  
 Total Shale - 1015'

no sand logged  
 no electric log  
 Mary S. Friend  
 Geologist

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:

1.0 API well number. (If not assigned, leave blank 14 digits.)	<u>47-099-00657-</u>																			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	<u>107DV</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>3412</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																
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																				
<table style="width:100%; border: none;"> <tr> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> </tr> <tr> <td style="border: none;">Mo</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="4" style="border: none;">OCS Lease Number</td> </tr> </table>												Mo	Day	Yr.	OCS Lease Number					
Mo	Day	Yr.	OCS Lease Number																	
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>TCO Min. Tx. No. 1</u>		<u>806499</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>004030</u> Buyer Code																
(b) Date of the contract:	<table style="width:100%; border: none;"> <tr> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;">*</td> </tr> <tr> <td style="border: none;">Mo</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="5" style="border: none;"></td> </tr> </table>											*	Mo	Day	Yr.					
							*													
Mo	Day	Yr.																		
(c) Estimated total annual production from the well	<u>5</u> Million Cubic Feet																			
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	S/MMBTU	(a) Base Price ---	(b) Tax ---	(c) All Other Prices [Indicate (+) or (-).] ---	(d) Total of (a), (b) and (c) ---															
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>Dereg</u>	---	---	---															
9.0 Person responsible for this application:	<u>Albert H. Mathena, Jr., Director, Production Eng.</u> Name Title																			
Agency Use Only	<u>Albert H. Mathena</u> Signature																			
Date Received by Juris. Agency <u>JUN 3 - 1982</u>																				
Date Received by FERC					<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.

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's  
Well No. 806499

API Well No.

47 - 099 - 00657  
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 977.72'  
Watershed \_\_\_\_\_

WELL OPERATOR Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273  
Charleston, WV 25325

Dist. Stonewall County Wayne Quad.

Gas Purchase  
Contract No. N.A.

GAS PURCHASER N.A.

ADDRESS \_\_\_\_\_

Meter Chart Code \_\_\_\_\_

Date of Contract N.A.

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

Date surface drilling began: 1-19-1949

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)(i1)(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.

11/17/2023

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.

(NOTARIAL SEAL)

Larry G Burdette  
Notary Public





Wayne- 657

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.

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

