

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.

_____	UNITED FUEL GAS CO.,
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
_____	% G. H. Moore
ADDRESS	P.O. Box 1273, Charleston 25, W. Va.
_____	COMPLETE ADDRESS
_____	April 13, 19 48
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATION
_____	Stonewall District
ADDRESS	Wayne County
UNITED FUEL GAS CO.,	Well No. 6342 ^{38° 10'} _{82° 15'}
OWNER OF MINERAL RIGHTS	UNITED FUEL GAS CO.,
P.O. Box 1273, Charleston 25, W. Va.	Mineral Tract #1 Farm
ADDRESS	

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 ~~ground lease~~ ^{Deed} 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.

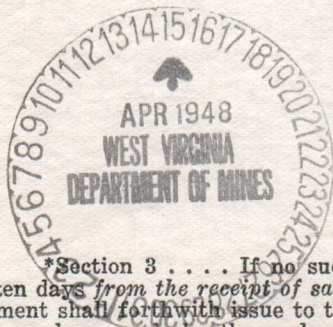
(The next paragraph is to be completed only in Department's copy.)

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 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.,
WELL OPERATOR
% G. H. Moore
STREET
P.O. Box 1273, Charleston 25,
CITY OR TOWN
West Virginia
STATE

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.

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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.

NAME OF WELL OPERATOR UNITED FUEL GAS CO., J. G. H. Moore P.O. Box 1273, Charleston 25, W. Va.	COAL OPERATOR OR COAL OWNER
COMPLETE ADDRESS	ADDRESS
PROPOSED LOCATION April 13, 1948	COAL OPERATOR OR COAL OWNER
District Boonville	ADDRESS
County Wayne	UNITED FUEL GAS CO., OWNER OF MINERAL RIGHTS
Well No. 6325	P.O. Box 1273, Charleston 25, W. Va.
UNITED FUEL GAS CO., Mineral Tract #1	ADDRESS

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having the title thereto, (or as the case may be) under a lease dated _____, made by _____, and recorded on the _____ day of _____, 1948, in the office of the County Clerk for said County in Book 234, page 318.

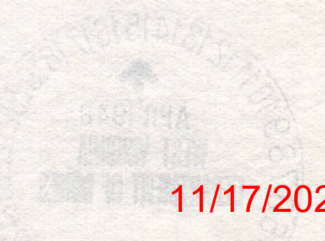
The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Mineral District of _____ and County above named, determined by survey and courses and distances from two permanent points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

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 boundary 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 8 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 addresses _____ day before _____ or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

WELL OPERATOR UNITED FUEL GAS CO., J. G. H. Moore	Address of Well Operator
STREET F.O. Box 1273, Charleston 25	
CITY OR TOWN Charleston	
STATE West Virginia	



Section 8. If no such objection be filed or be found by the department of mines within said period of ten days after the receipt of said notice and plat by the department of mines, the proposed location of the well operator a drilling permit reading the title of such plat, that no objections have been made by the coal operators to the location or found thereby by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
White Slate			2595	2685			
Brown Shale			2685	3033			
Slate			3033	3048			
Total Depth			3048'				
					Injun gas	1447 9/10 W 1" 32 M	
						1457 15/10 W 2" 163 M	
						1463 30/10 W 2" 231 M	
					Test before shot	18/10 W 2" 179 M	
					Shot 8-14-48 with 250#	Det. 1445-1470	
					Test after shot	66/10 W 2" 343 M	
					Show gas in Shale	2730'	
					Shale gas	2900 8/10 W 1" 30 M	
					Test before shot	8/10 W 1" 30 M	
					Shot 9-23-48 with 2100#	Det. 2687-3048	
					Test after shot	18 hrs. 42/10 W 1" 68 M	
					OPEN FLOW -	343 M - Injun 48 Hr. R.P.	
					390#	68 M - Shale 48 Hr. R. P.	
					525#		
					Shut in	9-30-48 in 3" Tubing.	

Way 569

11/17/2023

Date November 19, 19 48

APPROVED UNITED FUEL GAS CO. Owner

By J. H. Moore
Chief Engineer (Title) R



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Wayne

WELL RECORD

Permit No. WAY-569

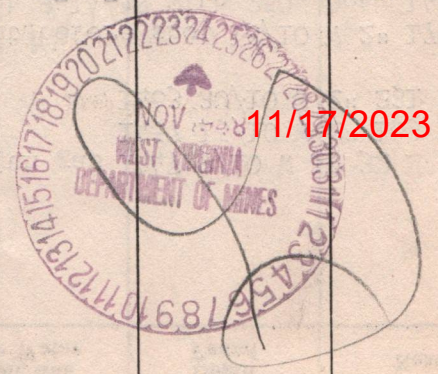
Oil or Gas Well Gas
(KIND)

Company UNITED FUEL GAS CO.
Address P.O. Box 1273, Charleston 25, W. Va.
Farm U.F.G. Co. Min. Tr. #1 Acres 16,742.96
Location (waters) Laurel Cr.
Well No. 6342 Elev. 810.32
District Stonewall 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 5-17-48
Drilling completed 9-21-48
Date Shot 8-14-48 From 1445 To 1470
9-23-48 From 2687 To 3048
With 250# Det., 2100# Det.
Open Flow 66 /10ths Water in 2" Inch
42 /10ths Water in 1" Inch
Volume 343 M - Injun, 68 M - Shale Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing Size	Used in Drilling	Left in Well	Packers
16			Kind of Packer _____
13			Hookwall
10	19	19	Size of _____
8 3/4	343	343	3" X 5-3/16" X 16
6 5/8	1269	1269	Depth set 1627
5 3/16	1527	1527	
3 Tuging		3021	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	15			
Sand			15	65			
Slate			65	95			
Sand			95	115			
Slate			115	220			
Sand			220	235			
Slate			235	265			
Sand			265	275			
Slate			275	335			
Sand			335	340			
Slate			340	415			
Sand			415	425			
Slate			425	510			
Sand			510	535			
Slate			535	705			
Salt Sand			705	745			
Slate			745	746			
Salt Sand			746	855			
Slate			855	860			
Salt Sand			860	1109			
Slate			1109	1140			
Salt Sand			1140	1155			
Slate & shells			1155	1200			
Little Lime			1200	1229			
Pencil Cave			1229	1230			
Big Lime			1230	1406			
Keener Sand			1406	1418			
Red Injun			1418	1429			
Gray Injun			1429	1481			
Slate			1481	1522			
Shells			1522	1531			
Slate & shells			1531	2015			
Berea Sand			2015	2030			
Slate & shells			2030	2060			
Brown Shale			2060	2130			
Shells			2130	2200			
Slate			2200	2500			
Dark Slate			2500	2595			



1.0 API well number. (If not assigned, leave blank 14 digits.)	47-099-00569-			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	107 DU Section of NGPA		_____ Category Code	
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)	3048 feet			
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)	Columbia Gas Transmission Corporation Name P. O. Box 1273 Street Charleston City			004030 Seller Code
5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	WV Field Area B Field Name Wayne County		WV State	25325 Zip Code
(b) For OCS wells	_____ Area Name		_____ Block Number	
(c) Name and identification number of this well (35 letters and digits maximum.)	_____ Date of Lease Mo. Day Yr.		_____ OCS Lease Number	
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)	TCO Min. Tr. No. 1 806342			
6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)	_____ Name		004030 Buyer Code	
(b) Date of the contract	_____ Mo. Day Yr. *			
(c) Estimated total annual production from the well	9 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 (-).) _____
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	S/MMBTU	Dereg.	_____	_____
9.0 Person responsible for this application:	Albert H. Mathena, Jr., Director, Production Eng. Name			
Agency Use Only Date Received by Juris. Agency JUN 3 - 1982 Date Received by FERC	_____ Signature		_____ Title	
	5-20-82 Date Application is Completed		(304) 346-0951 Phone Number	

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

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:

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's Well No. 806342

API Well No.

47 - 099 - 00569
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 810.32'
Watershed _____

Dist. Stonewall County Wayne Quad. _____

Gas Purchase Contract No. N.A.

Meter Chart Code _____

Date of Contract N.A.

WELL OPERATOR Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273
Charleston, WV 25325

GAS PURCHASER N.A.

ADDRESS _____

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

Date surface drilling began: 5-17-1948

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, 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 20 day of May, 1982.
My term of office expires on the 13 day of August, 1989.

11/17/2023

Larry G Burdette
Notary Public

(NOTARIAL SEAL)



Way-569

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.

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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

11/17/2023