



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

% G. H. Moore  
P.O. Box 1273, Charleston 25, W. Va.  
COMPLETE ADDRESS

October 20, 19 48

PROPOSED LOCATION

Stonewell District

Wayne County

Well No. 6455 <sup>38° 10'</sup> <sub>82° 15'</sub>

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 <sup>Deed</sup> grant or 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.

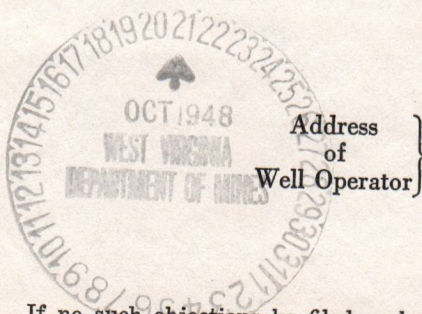
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting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

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.

November 1, 1948

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

Gentlemen:

Enclosed is permit WAY-632 to drill Well  
No. 6455 on the United Fuel Gas Company Mineral Tract  
# 1, Stonewell District, Wayne County.

Very truly yours,

Administrative Assistant  
OIL AND GAS DIVISION

CMH:K  
Encl-2

CC: Inspector D. E. Lawson

11/17/2023

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shell			1620	1640			
Slate & Shells			1640	1785			
Shell			1785	1805			
Slate & Shells			1805	1930			
Slate			1930	1945			
Slate & Shells			1945	2030			
Slate			2030	2095	Gas	2100'	Show
Shell			2095	2110			
Slate			2110	2120			
Shell			2120	2130			
Berea			2130	2137			
Slate			2137	2550			
Dark Slate			2550	2730			
White Slate			2730	2785			
Br. Shale			2785	3124			
White Slate			3124	3143			
Total Depth			3143'	SLM			
							Test before shot 35/10 W 2" 249 M Shot 11-27-48 with 400# Det. 1545-1578 Test after shot 92/10 W 2" 404 M
							Not enough gas to test Before Shale shot Shot 1-28-49 with 3733-1/3# Det. 2550-3143'. Open flow after shot 5/10 W 2" 94 M.
							<u>OPEN FLOW</u> - 404 M - Injun 48 Hr. R.P. 535# 94 M - Shale 48 Hr. R.P. 450# 498 M
							Shut in 2-2-49 in 3" Tubing

11/17/2023

Date March 4, 19 49

APPROVED United Fuel Gas Co. Owner

By *G. H. Mears*  
Chief Engineer (Title) R.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Wayne*

WELL RECORD

Permit No. WAY-632

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 Tr. #1 Acres 16,742.96  
Location (waters) Laurel Cr. of 12-Pole Creek  
Well No. 6455 Elev. 886.68  
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 10-23-48  
Drilling completed 1-27-49  
Date Shot 11-27-48 From 1545 To 1578  
1-28-49 From 2550 To 3143  
With 400# Det., 3733-1/3# Det.  
Open Flow 92/10ths Water in 2" Inch  
5/10ths Merc. in 2" Inch  
Volume 404-M- Injun, 94M-Shale Cu. Ft.  
Rock Pressure 535, & 450 lbs. 48 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 65 feet feet  
Salt water 834 feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Hookwall
10	15	15	Size of
8 3/4	450	450	3" x 5-3/16" x 16
6 5/8	1347	1347	Depth set 1780
5 3/16	1601	1601	
3		3040	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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	4			
Slate			4	10			
Sand			10	65	Water	65'	
Slate			65	70			
Sand			70	85			
Slate			85	95			
Sand			95	125			
Slate			125	135			
Sand			135	160			
Slate			160	175			
Sand			175	210			
Slate			210	230			
Sand			230	235			
Slate			235	335			
Sand			335	400			
Slate			400	522			
Sand			522	532			
Slate			532	640			
Sand			640	674			
Slate			674	807	Gas	819'	Show
Salt Sand			807	914	Water	834'	Salt Water
Slate			914	940			
Salt Sand			940	988			
Slate			988	993			
Sand			993	1180			
Slate			1180	1209			
Red Rock			1209	1230			
Blue Slate			1230	1250			
Shell			1250	1255			
Red Rock			1255	1265			
Blue Slate			1265	1309			
Little Lime			1309	1329			
Pencil Cave			1329	1330	Oil	1431'	Show
Big Lime			1330	1515			
Slate			1515	1547	Injun Gas	1550'	39/10 W 2" 263M
Injun			1547	1580			
Slate & Shells			1580	1610			
Slate			1610	1620			

*11/17/2023*

**UNITED FUEL GAS CO.**  
COMPANY

SERIAL WELL NO. 6455

LEASE NO. Ref#-21689

MAP SQUARE 24-45

RECORD OF WELL NO. <u>6455</u> on the <u>U.F.G.Co. Mine Tr. #1</u> farm of <u>16,742.96</u> Acres in <u>Stonewall</u> District <u>Wayne</u> County State of: <u>West Virginia</u> Field: <u>Branchland</u> Rig Commenced <u>By Contractor</u> 194 Rig Completed <u>By Contractor</u> 194 Drilling Commenced <u>10-23</u> 1948 Drilling Completed <u>1-27</u> 1949 Drilling to cost <u>\$2.50</u> <u>\$2.75</u> per foot Drilling to cost <u>\$2.90</u> Contractor is: <u>Bright &amp; Hicks</u> Address: <u>Huntington, W. Va</u>	CASING AND TUBING <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SIZE</th> <th>WEIGHT</th> <th>USED IN DRILLING</th> <th>LEFT IN WELL</th> </tr> <tr> <td><u>10"</u></td> <td><u>32.75#</u></td> <td><u>15-0</u></td> <td><u>15-0</u></td> </tr> <tr> <td><u>8-1/4"</u></td> <td><u>24#</u></td> <td><u>450-0</u></td> <td><u>450-0</u></td> </tr> <tr> <td><u>6-5/8"</u></td> <td><u>20#</u></td> <td><u>1359-4</u></td> <td><u>1359-4</u></td> </tr> <tr> <td><u>5-3/16"</u></td> <td><u>14#</u></td> <td><u>1615-0</u></td> <td><u>None</u></td> </tr> <tr> <td><u>3"</u></td> <td><u>9.20#</u></td> <td><u>3040-3</u></td> <td><u>3040-3</u></td> </tr> </table>	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	<u>10"</u>	<u>32.75#</u>	<u>15-0</u>	<u>15-0</u>	<u>8-1/4"</u>	<u>24#</u>	<u>450-0</u>	<u>450-0</u>	<u>6-5/8"</u>	<u>20#</u>	<u>1359-4</u>	<u>1359-4</u>	<u>5-3/16"</u>	<u>14#</u>	<u>1615-0</u>	<u>None</u>	<u>3"</u>	<u>9.20#</u>	<u>3040-3</u>	<u>3040-3</u>	TEST BEFORE SHOT 1st Shot <u>32</u> /10 of Water in <u>2</u> inc 2nd Shot <u>4</u> /10 of Water in <u>2</u> inc 1st <u>239</u> MCF 2nd <u>84</u> MCF Cu. f Volume TEST AFTER SHOT 1st Shot <u>92</u> /10 of Water in <u>2</u> inc 2nd Shot <u>5</u> /10 of Water in <u>2</u> inc 1st <u>40</u> MCF 2nd <u>84</u> MCF Cu. f Volume <u>48</u> Hours After Shot Rock Pressure <u>Injun- 450#</u> Date Shot <u>1st- 11/27/48</u> <u>2nd- 1/30/49</u> Size of Torpedo <u>1st- 400#</u> <u>2nd- 375# 17'</u> Oil Flowed <u>0</u> bbls. 1st 24 hrs Oil Pumped <u>0</u> bbls. 1st 24 hrs Well abandoned and Plugged <u>194</u>
SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL																							
<u>10"</u>	<u>32.75#</u>	<u>15-0</u>	<u>15-0</u>																							
<u>8-1/4"</u>	<u>24#</u>	<u>450-0</u>	<u>450-0</u>																							
<u>6-5/8"</u>	<u>20#</u>	<u>1359-4</u>	<u>1359-4</u>																							
<u>5-3/16"</u>	<u>14#</u>	<u>1615-0</u>	<u>None</u>																							
<u>3"</u>	<u>9.20#</u>	<u>3040-3</u>	<u>3040-3</u>																							
Driller's Name <u>Henry Clark</u> <u>Charles Weaver</u> Elevation: <u>886.68</u>	SHUT IN Date <u>2/2/49</u> <u>3"</u> in. Tubing or Size of Packer <u>3"X5-3/16"X16"</u> Kind of Packer <u>Hookwell</u> 1st. Perf. Set <u>3040</u> from <u>3028</u> 2nd Perf. Set <u>2595</u> from <u>2568</u>																									

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	0	4	4	
Slate	4	10	6	
Sand	10	65	55	
Slate	65	70	5	fresh water at 65'
Sand	70	85	15	
Slate	85	95	10	
Sand	95	125	30	
Slate	125	135	10	
Sand	135	160	25	
Slate	160	175	15	
Sand	175	210	35	
Slate	210	230	20	
Sand	230	235	5	
Slate	235	335	100	
Sand	335	400	65	
Slate	400	522	122	Salt Water at 834'
Sand	522	532	10	Show of gas at 819'

APPROVED  
*[Signature]*

11/17/2023

SERIAL WELL NO. 6455

LEASE NO. Ref 2-21689

MAP SQUARE 24-45

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate	532	640	108	
Sand	640	674	34	
Slate	674	807	133	
Salt Sand	807	914	107	
Slate	914	940	26	
Salt Sand	940	988	48	
Slate	988	993	5	
Sand	993	1180	187	
Slate	1180	1209	29	
Red Reek	1209	1230	21	
Blue Slate	1230	1250	20	
Shell	1250	1255	5	
Red Reek	1255	1265	10	
Blue Slate	1265	1309	44	
Little Lime	1309	1329	20	
Pencil Cave	1329	1330	1	6-5/8" casing Point 1347'
Big Lime	1330	1515	185	show of oil 1431'
Slate	1515	1547	32	
Injun	1547	1580	33	Gas pay at 1550'
Slate & Shells	1580	1610	30	Gauged 39/10 W-2" before injun shot
Slate	1610	1620	10	5-3/16" Casing set at 1601'
Shell	1620	1640	20	
Slate & Shells	1640	1785	145	
Shell	1785	1805	20	
Slate & Shells	1805	1930	125	
Slate	1930	1945	15	
Slate & Shells	1945	2030	85	
Slate	2030	2095	65	
Shell	2095	2110	15	show of gas at 2100'
Slate	2110	2120	10	
Shell	2120	2130	10	
Brea Grit	2130	2137	7	
Slate	2137	2550	413	
Dark Slate	2550	2730	180	
White Slate	2730	2785	55	
Brown Shale	2785	3124	339	
White Slate	3124	3143	19	No gas in shale.
Total Depth	3143			

APPROVED  
*[Signature]*

Devonian Shale - 2137' to 3143'  
 Total Shale - 1006'

no sand logged  
 no electric log

May S. Friend  
 Geologist

11/17/2023

**SECOND SHOT**

January 28, 1949

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

Well No. 6455 (Serial No.) on U.F.G. Co. Mine Tr. #1 Farm

Was shot this date with 3733- 1/3# detonite quarts

Number of Shells \_\_\_\_\_

Length of Shells 4"x6 7/8"

Top of Shot 2550

Bottom of Shot 3143

Top of Dark Slate Sand 2550 feet  
(Name of Sand)

Bottom of White Slate Sand 3143 feet  
(Name of Sand)

Total Depth of Well 3143'

Results: before shot- no gas  
after shot- 5/10 W-2w (94 MGR)

Remarks: \_\_\_\_\_

Signed H. E. Gibson District Supt.

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

FIRST SHOT

~~KRUKKUKUKUK~~ 19 41  
November 27, 1948

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

Well No. 6455 (Serial No. ) on U.F.G. CO. Min. Tr. #1 Farm

Was shot this date with 400# quarts

Number of Shells \_\_\_\_\_

Length of Shells 5" X 6 5/8"

Top of Shot 1545

Bottom of Shot 1578

Top of Injun Sand 1545 feet  
(Name of Sand)

Bottom of Injun Sand 1578 feet  
(Name of Sand)

Total Depth of Well 3143'

Results: before shot 35/10 W-2" (249 MCF)  
after shot 92/10 W-2" (404 MCF)

Remarks: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Signed [Signature] District Supt.

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



<p>1.0 API well number. (If not assigned, leave blank 14 digits.)</p>	<p><u>47-099-00632-</u></p>				
<p>2.0 Type of determination being sought (Use the codes found on the front of this form.)</p>	<p><u>107 DV</u> Section of NGPA</p>		<p><u>-</u> Category Code</p>		
<p>3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p><u>3143</u> feet</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><u>Columbia Gas Transmission Corporation</u> Name</p>		<p><u>004030</u> Seller Code</p>		
	<p><u>P. O. Box 1273</u> Street</p>				
	<p><u>Charleston</u> City</p>	<p><u>WV</u> State</p>	<p><u>25325</u> Zip 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>WV Field Area B</u> Field Name</p>				
	<p><u>Wayne</u> County</p>		<p><u>WV</u> State</p>		
<p>(b) For OCS wells</p>	<p><u>NA</u> Area Name</p>				
	<p><u>NA</u> Date of Lease</p>		<p><u>NA</u> Block Number</p>		
	<p>Mo. Day Yr.</p>		<p>OCS Lease Number</p>		
<p>(c) Name and identification number of this well (35 letters and digits maximum.)</p>	<p><u>TCO Min. TR. No. 1</u></p>		<p><u>806455</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><u>*</u> Name</p>		<p><u>004030</u> Buyer Code</p>		
<p>(b) Date of the contract:</p>	<p><u>Mo. Day Yr.</u> *</p>				
<p>(c) Estimated total annual production from the well</p>	<p><u>10</u> Million Cubic Feet</p>				
		(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
<p>7.0 Contract price (As of filing date. Complete to 3 decimal places)</p>	S/MMBTU	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<p>8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)</p>	S/MMBTU	<u>Dereg</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<p>9.0 Person responsible for this application:</p>	<p><u>Albert H. Mathena, Jr., Director, Production Eng.</u> Name Title</p>				
<p>Agency Use Only Date Received by Juris. Agency <u>JUN 3 - 1982</u> Date Received by FERC</p>	<p><u>Albert H. Mathena, Jr.</u> Signature</p>		<p><u>(304) 346-0951</u> Phone Number</p>		
	<p><u>5-20-82</u> Date Application is Completed</p>				

\*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:**

11/17/2023

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's Well No. 806455

API Well No. 47 - 099 - 00632  
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 886.68'  
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: 10-23-1948

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:

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.

11/17/2023

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.

NOTARIAL SEAL)

Larry G Burdette  
Notary Public

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date 5-20, 1982

Operator's Well No. 706455

API Well No. 47 - 099 - 00632  
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. \_\_\_\_\_  
(If Applicable)

WELL OPERATOR Columbia Gas Trans. Corp.  
ADDRESS P. O. Box 1273  
Charleston, WV 25325

DESIGNATED AGENT James L. Weekley  
ADDRESS P. O. Box 1273  
Charleston, WV 25325

Gas Purchase Contract No. NA\* and Date \_\_\_\_\_  
(Month, day and year)

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

Name of First Purchaser NA\*

\_\_\_\_\_  
(Street or P. O. Box)  
\_\_\_\_\_  
(City) (State) (Zip Code)

FERC Seller Code NA\* FERC Buyer Code NA\*

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 107 DV Section of NGPA \_\_\_\_\_ Category Code \_\_\_\_\_
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

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

Director,  
Albert H. Mathena, Jr. Production Engineering  
Name (Print) Title  
Albert H. Mathena, Jr.  
Signature  
P. O. Box 1273  
Street or P. O. Box  
Charleston WV 25325  
City State (Zip Code)  
304 346-0951  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

A copy of this filing is being retained by Columbia Gas Transmission Corporation, owner and operator of the identified well.

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request,  for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1978. (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. \_\_\_\_\_.

Initial review of information submitted indicates the well  is.  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

JUN 3 - 1982

Date received by  
Jurisdictional Agency

By [Signature]  
Title \_\_\_\_\_  
11/17/2023

COLUMBIA GAS TRANSMISSION CORPORATION

WELL NO. 806455

SUPPLEMENT:  
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METHOD OF CALCULATION OF BOTTOM HOLE PRESSURE

$$PBH = PMH + PMH ( E**0.0000347*G*L - 1. )$$

WHERE:

PBH = BOTTOM HOLE PRESSURE (PSIA)

PMH = WELHEAD PRESSURE (PSIA)

G = SPECIFIC GRAVITY OF GAS

L = DEPTH TO MIDDLE OF PERFORATIONS (FT.)

= 549.7

= 0.7170

= 2846

STEPS:

$$PBH = 549.7 + 549.7 ( E**0.0000347*2040.582 - 1. )$$

$$PBH = 549.7 + 549.7 ( E**0.070808 - 1. )$$

$$PBH = 549.7 + 549.7 ( 1.07338 - 1. )$$

$$PBH = 549.7 + 549.7 ( 0.073 )$$

$$PBH = 549.7 + 40.3$$

$$PBH = 590.0 \quad (PSIA)$$



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 ) CAUSE NO. 33  
 NATURAL GAS POLICY ACT OF CERTAIN )  
 WELLS IN BOONE, CABELL, JACKSON, ) ORDER NO. 1  
 KANAWHA, LINCOLN, LOGAN, MINGO )  
 AND WAYNE COUNTIES, WEST VIRGINIA. )

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: 

Theodore M. Streit, Administrator 11/17/2023