



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	United Fuel Gas Co.
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
	c/o G. H. Moore
ADDRESS	COMPLETE ADDRESS
	P. O. Box 1273, Charleston 25, W. Va.
	February 15, 1950
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATION
	Lincoln District
ADDRESS	Wayne County
Wayne Co. Land & Mineral Co. % Howard F. Meek	Well No. 6561
OWNER OF MINERAL RIGHTS	Bldg.
Suite 1200, First Huntington Nat'l Bnk. Huntington, West Virginia	J. F. Caldwell Farm
ADDRESS	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 dated February 25, 1930, made by F. D. Caldwell & Frank T. Clark, Trustees, to United Fuel Gas Co., and recorded on the 20th day of May, 1930, in the office of the County Clerk for said County in Book 15, page 271.

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.

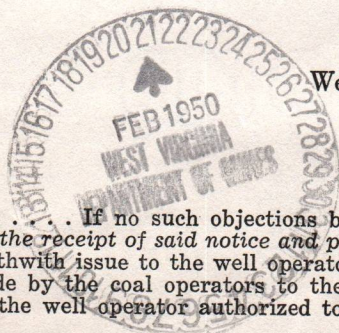
The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their 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.



B-7

March 3, 1950

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

Gentlemen:

Enclosed is permit WAY-710 to drill Well  
No. 6561 on the J. F. Caldwell Farm, Lincoln District,  
Wayne County.

Very truly yours,

Administrative Assistant  
OIL AND GAS DIVISION

CNH:K  
Encl-2

CC: Inspector O. C. Allen

11/10/2023









STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Waynesburg*

WELL RECORD

Permit No. WAY-710

Oil or Gas Well Gas  
(KIND)

Company United Fuel Gas Co.  
Address P. O. Box 1273, Charleston 25, W. Va.  
Farm J. F. Caldwell Acres 1657.84  
Location (waters) Trace Br. of Tug River  
Well No. 6561 Elev. 723.52'  
District Lincoln County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	219'-6"	219'-6"	Size of
8 1/4			
6 3/4 7"	1228'	1228'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Mineral rights are owned by Wayne Co. L. & M. Co.  
1st. Hunt. Nat'l. Bank Bldg. Address Huntington, W. VA.

Drilling commenced 3-7-50  
Drilling completed 4-20-50  
Date Shot 4-22-50 From 2320 To 2773  
With 3066-2/3# Dupont Gelatin

Open Flow 14/10ths Water in 2" Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 158 M - Shale Cu. Ft.  
Rock Pressure 200 lbs. 20 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water 790 feet \_\_\_\_\_ feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 90 FEET 24 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	6			
Sand			6	90			
Coal			90	92			
Slate			92	134			
Sand			134	181			
Slate & Shells			181	250			
Slate			250	300			
Slate & Shells			300	406			
Sand			406	440			
Slate			440	580			
Sand			580	645			
Slate			645	665			
Salt Sand			665	720			
Broken Sand			720	770	Water	790'	Hole Full
Salt Sand			770	840			
Slate			840	880			
Slate & Shells			880	935			
Red Rock			935	940			
Slate & Shells			940	1054			
Red Rock			1054	1068			
Slate & Shells			1068	1165			
Little Lime			1165	1215			
Pencil Cave			1215	1220	Gas	1342-1348'	Show
Big Lime			1220	1405	Gas	1400-1405'	Show
Red Injun			1405	1445	Gas	1698-1700'	Show
Slate & Shells			1445	1890			
Coffee Shale			1890	1915			
Berea Grit			1915	2035			
Brown Shale			2035	2115			
Light Shale			2115	2295	Shale Gas	2435-2440'	6/10 W 2" 103
Brown Shale			2295	2440			
Light Shale			2440	2490	Shale Gas	2600-2610'	10/10 W 2" 13
Brown Shale			2490	2763			M
Slate			2763	2773			
Total Depth			2773'				



*BJ*

(Over)

FINAL OPEN FLOW- 158 M- Shale  
20 Hr. R.P. 200#  
Shut in 4-23-50 in 7" Casing



**UNITED FUEL GAS COMPANY**  
COMPANY

**SERIAL WELL NO.** 6561

**LEASE NO.** Pt. 3198L

**MAP SQUARE** 16-29

RECORD OF WELL NO. No. <u>10</u> on the	CASING AND TUBING				TEST BEFORE SHOT
<u>J.F. Caldwell</u> farm of <u>1657.84</u> Acres	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	<u>9</u> /10 of Water in <u>2</u> inch
in <u>Lincoln</u> District	<u>10-3/4"</u>	<u>32.85#</u>	<u>225'6"</u>	<u>225'6"</u>	/10 of Merc. in _____ inch
<u>Wayne</u> County					Volume <u>127</u> Cu. ft.
State of: <u>West Virginia</u>	<u>7"</u>	<u>20.00#</u>	<u>1236'6"</u>	<u>1236'6"</u>	<b>TEST AFTER SHOT</b>
Field: <u>Branchland</u>					<u>14</u> /10 of Water in <u>2</u> inch
Rig Commenced <u>March 1,</u> 19 <u>50</u>					/10 of Merc. in _____ inch
Rig Completed <u>March 6,</u> 19 <u>50</u>					Volume <u>158</u> Cu. ft.
Drilling Commenced <u>March 7,</u> 19 <u>50</u>					<u>20</u> Hours After Shot
Drilling Completed <u>April 20,</u> 19 <u>50</u>					Rock Pressure <u>200#</u>
Drilling to cost <u>\$2.75</u> per foot					Date Shot <u>4/22/50</u>
Contractor is: <u>Ware Drilling Co.</u>					Size of Torpedo <u>3066-2/3#</u>
Address: <u>Beauty, Ky.</u>	<b>SHUT IN</b>				Oil Flowed _____ bbls. 1st 24 hrs.
	Date <u>4-23-50</u>				Oil Pumped _____ bbls. 1st 24 hrs.
Driller's Name <u>Earl Cassidy</u>	<u>7"</u> in.	<u>3066#</u>	Casing		
<u>Amos Ferguson</u>	Size of Packer <u>6-5/8x8 1/2x10</u>				Well abandoned and
	Kind of Packer <u>Bottom Hole</u>				Plugged _____ 19 _____
	1st. Perf. Set <u>none</u> from _____				
Elevation: <u>723.52</u>	2nd Perf. Set <u>None</u> from _____				

**DRILLER'S RECORD**

FORMATION	TOP	BOTTO.M	THICKNESS	REMARKS
Soil	0	6	6	
Sand	6	90	84	Water 8 bailers per hour
Coal	90	92	2	Water- Hole full @ 792'
Slate	92	134	42	
Sand	134	181	47	
Slate & Shells	181	250	69	
Slate	250	300	50	
Slate & Shells	300	406	106	
Sand	406	440	34	
Slate	440	580	140	
Sand	580	645	65	
Slate	645	665	20	
Salt Sand	665	720	55	
Broken Sand	720	770	50	
Salt Sand	770	840	70	
Slate	840	880	40	

**RECEIVED**  
 MAY 13 1950  
 DIVISION \_\_\_\_\_

**APPROVED**  
 \_\_\_\_\_

11/10/2023



SERIAL WELL NO. 6561

LEASE NO. Pt. 31984

MAP SQUARE 16-29

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate & Shells	880	935	55	
Red Rock	935	940	5	
Slate & Shells	940	1054	114	Hole reduced from 10" to 8 1/2" at
Red Rock	1054	1068	14	944'
Slate & Shells	1068	1165	97	
Little Lime	1165	1215	50	Show gas @ 1342'-1348'
Pencil Cave	1215	1220	5	" " 1400'-1405'
Big Lime	1220	1405	185	" " 1698'-1700'
Red Injun	1405	1445	40	7"OD Casing Point @ 1228'
Slate & Shells	1445	1890	445	
Coffee Shale	1890	1915	25	Gas @ 2435'-2440'- 6/10 W-2"
Berea	1915	2035	120	Gas @ 10/10 Water 2"-
Brown Shale	2035	2115	80	
Light Shale	2115	2295	180	Gas @ 2600'- tested- 10/10 W-2"
Brown Shale	2295	2440	145	
Light Shale	2440	2490	50	Cavings in Well after shot- 15'
Brown Shale	2490	2763	273	
Slate	2763	2773	10	Shot 4/22/50- by King Torpedo Co.
Total Depth		2773'	S.L.M.	Shot with 3066-2/3 Lbs. Gelatin
				Top of shot- 2320'- Bottom 2773'
				Test before shot- 9/10 W-2"
				Final Open Flow- 14/10 W-2"
				Well Shut in 6-5/8" Casing

Devonian Shale - 2035' to 2773'  
 Total Shale - 738'

no sand logged  
 no electric log

Mary S. Friend  
 Geologist

11/10/2023



April 22, 19 50

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

Well No. 6561 (Serial No. 10) on J. F. Caldwell Farm

Was shot this date with 3,066-2/3 Lbs. Gelatin quarts

Number of Shells

Length of Shells 4" X 10 1/2"

Top of Shot 2320'

Bottom of Shot 2773'

Top of Brown Shale Sand 2295' feet  
(Name of Sand)

Bottom of Brown Shale Sand 2763' feet  
(Name of Sand)

Total Depth of Well 2773'

Results: Final - 14/10 Water 2"- 158 MCF

Remarks: Test before shot- 9/10 W-2"- 127 MCF

RECEIVED  
MAY 8 1950  
DIVISION SUPT.

Signed *H. E. Simpson*  
District Supt.

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

11/10/2023



<p>1.0 API well number: (If not assigned, leave blank 14 digits.)</p>	<p><u>47-099-00710-</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>2773</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>Columbia Gas Transmission Corporation Name P. O. Box 1273 Street Charleston City</p>			<p><u>004030</u> Seller 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 <u>Wayne</u> County <u>WV</u> State</p>				
<p>(b) For OCS wells</p>	<p><u>NA</u> Area Name <u>NA</u> Block Number Date of Lease Mo. Day Yr. OCS Lease Number</p>				
<p>(c) Name and identification number of this well (35 letters and digits maximum.)</p>	<p><u>J. F. Caldwell No. 10 806561</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>6</u> Million Cubic Feet</p>				
<p>7.0 Contract price (As of filing date. Complete to 3 decimal places.)</p>	<p>S/MMBTU</p>	<p>(a) Base Price <u>---</u></p>	<p>(b) Tax <u>---</u></p>	<p>(c) All Other Prices [Indicate (+) or (-).] <u>---</u></p>	<p>(d) Total of (a), (b) and (c) <u>---</u></p>
<p>8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)</p>	<p>S/MMBTU</p>	<p><u>De-reg</u></p>	<p><u>---</u></p>	<p><u>---</u></p>	<p><u>---</u></p>
<p>9.0 Person responsible for this application:</p>	<p>Albert H. Mathena, Jr., Director, Production Eng. Name <u>Albert H. Mathena</u> Title Signature <u>Albert H. Mathena</u> <u>5-27-82</u> (304) 346-0951 Date Application is Completed Phone Number</p>				
<p>Agency Use Only</p> <p>Date Received by Juris. Agency</p> <p>Date Received by FERC</p>	<p><u>JUN 10 1982</u></p>				

RECEIVED

JUN 10 1982

OIL & GAS DIVISION

DEPT. OF MINES

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



**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:



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 723.52'  
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: 3-7-1950

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 I have calculated the percentage of footage of the producing interval which is Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated report described in subparagraph (3)(ii)(B); I have demonstrated that the percent of potentially disqualifying non-shale footage is equal to or less than five 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 it 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 in 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, 1982.  
My term of office expires on the 13 day of August, 1989.

11/10/2023

(NOTARIAL SEAL)

*Larry G Burdette*  
Notary Public



*Faint handwritten text, possibly a signature or name.*





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

Date 5-27, 19 82

Operator's Well No. 806561  
API Well No. 47 - 099 - 00710  
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.

Albert H. Mathena, Jr. Director,  
Name (Print) Production Engineering 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 Phone Number  
Code

(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 10 1982  
Date received by  
Jurisdictional Agency

By [Signature]  
Title \_\_\_\_\_  
11/10/2023



*[Handwritten signature]*

NOV 10 2023

11/10/2023





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: 

11/10/2023  
Theodore M. Streit, Administrator



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COLUMBIA GAS TRANSMISSION CORPORATION

WELL NO. 806561

SUPPLEMENT:  
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METHOD OF CALCULATION OF BOTTOM HOLE PRESSURE

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

WHERE:

PBH = BOTTOM HOLE PRESSURE (PSIA)

PMH = WELLHEAD PRESSURE (PSIA)

G = SPECIFIC GRAVITY OF GAS

L = DEPTH TO MIDDLE OF PERFORATIONS (FT.)

= 214.7

= 0.7170

= 2546

STEPS:

$$PBH = 214.7 + 214.7 ( E \times 0.0000347 \times 1825.482 - 1. )$$

$$PBH = 214.7 + 214.7 ( E \times 0.063344 - 1. )$$

$$PBH = 214.7 + 214.7 ( 1.06539 - 1. )$$

$$PBH = 214.7 + 214.7 ( 0.065 )$$

$$PBH = 214.7 + 14.0$$

$$PBH = 228.7 \quad (PSIA)$$



