



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	UNITED FUEL GAS CO. NAME OF WELL OPERATOR
	% G. H. Moore
	P. O. Box 1273, Charleston 25, W. Va.
ADDRESS	COMPLETE ADDRESS
	October 8, 19 48
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATION
	Lincoln District
ADDRESS	Wayne County
Wayne County Land & Mineral Co. % Howard F. Meek	
OWNER OF MINERAL RIGHTS	Well No. 6429
Suite 1200, First Huntington Nat'l Bldg Huntington, W. Va.	38° 00' 81° 30'
ADDRESS	F. D. Caldwell et al 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 May 1, 1931, made by F. D. Caldwell & Frank T. Clark, Trustees, to UNITED FUEL GAS CO., and recorded on the 2nd day of October 1931, in the office of the County Clerk for said County in Book 16, page 350.

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,



Address of Well Operator }

UNITED FUEL GAS CO.
WELL OPERATOR
% G. H. Moore
STREET
P.O. Box 1273, Charleston 25
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.

620

October 21, 1948

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

Gentlemen:

Enclosed is permit WAY-620 to drill Well
No. 6429 on the F. D. Caldwell et al Farm, Lincoln
District, Wayne County.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

GMH: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
Slate			1656	1663			
Sandy Lime			1663	1705	Oil	1690'	Show
Little Lime			1705	1730			
Big Lime			1730	1920			
Injun Sand			1920	1973			
Slate & Shells			1973	2460			
Coffee Shale			2460	2479	Gas in Berea	2482'	Show
Berea Grit			2479	2564			
Slate			2564	2587			
Brown Shale			2587	2666			
Slate			2666	2855			
Brown Shale			2855	3044			
Gray Shale			3044	3112	Gas in Shale	3300'	Show
Brown Shale			3112	3432			
Slate			3432	3439			
Total Depth				3439'	Not enough gas to test before shot. Shot 3-16-49 with 3600# Gel. 2882-3439 Test 20 Hrs. after shot 9/10 W 2" 127 I		
					OPEN FLOW - 127 M - Shale 48 Hr. R.P. 430#.		

Way-620

11/17/2023

Date April 26, 1949

APPROVED United Fuel Gas Co., Owner

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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Naugatuck

WELL RECORD

Permit No. WAY-620

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Company
Address P. O. Box 1273, Charleston 25, W. Va.
Farm F. D. Caldwell, et al Acres 13,500
Location (waters) Laurel Br. of Moses Fk.
Well No. 6429 Elev. 1292.13
District Lincoln County Wayne

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by Wayne Co. Land & Mineral Co. 65%
Suite 1200 - 1st Nat'l. Bank Bldg., Huntington, W. Va. 53/16
Address _____

Drilling commenced 11-3-48
Drilling completed 3-13-49
Date Shot 3-16-49 From 2882 To 3439
With 3600# Gel.

Open Flow 9 /10ths Water in 2" Inch
_____ /10ths Merc. in _____ Inch
Volume 127 M - Shale Cu. Ft.
Rock Pressure 430 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 142 feet
Salt water 1300 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	8	8	Size of
8 1/4	532	532	
	1564	Pulled	Depth set
	1739	1739	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT <u>97</u> FEET <u>36</u> INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	8			
Sand			8	40			
Slate			40	48			
Sand			48	97			
Coal			97	100	Water	142'	1 B.P.H.
Slate			100	155			
Sand			155	240			
Slate			240	280			
Sand			280	315			
Slate			315	365			
Sand			365	465			
Slate			465	485			
Sand			485	600			
Slate			600	630			
Sand			630	664			
Slate			664	750			
Sand			750	810			
Slate			810	943			
Sand			943	955			
Slate			955	995			
Sand			995	1010			
Slate			1010	1190			
Sand			1190	1242			
Slate			1242	1272			
Salt Sand			1272	1353	Water	1300'	Hole full
Slate			1353	1360	Salt Sd. Gas	1280-1285	24/10 W 2" 207
Salt Sand			1360	1432			Elew out.
Slate & Shells			1432	1540			
Sand			1540	1550			
Slate			1550	1561			
Lime Shells			1561	1571			
Slate			1571	1577			
Sandy Shells			1577	1581			
Slate			1581	1590			
Red Rock			1590	1598			
Lime Shells			1598	1608	Maxon Gas	1632-1636	20/10 W 2" 18
Slate			1608	1625			M. Elew out.
Maxon			1625	1656			



11/17/2023

B. 57

UNITED FUEL GAS COMPANY
COMPANY

SERIAL WELL NO. 6429

LEASE NO. 38002

MAP SQUARE 20-29

RECORD OF WELL NO. <u>6429</u> on the	CASING AND TUBING				TEST BEFORE SHOT
<u>13,500</u> Acres	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	<u>0</u> /10 of Water in <u>1</u> inc
Dr. <u>Caldwell et al</u> farm of	<u>10"</u>	<u>45.5#</u>	<u>819"</u>	<u>819"</u>	/10 of Merc. in <u> </u> inc
in <u>Lincoln</u> District	<u>8-1/4"</u>	<u>24#</u>	<u>532'2"</u>	<u>532'2"</u>	Volume <u>0</u> Cu. f
<u>Wayne</u> County	<u>6-5/8"</u>	<u>20#</u>	<u>1582'2"</u>	<u>None</u>	TEST AFTER SHOT
State of: <u>West Virginia</u>	<u>5-3/16"</u>	<u>14#</u>	<u>1757'4"</u>	<u>1757'4"</u>	<u>9</u> /10 of Water in <u>2</u> inc
Field: <u>Branchland</u>					/10 of Merc. in <u> </u> inc
Rig Commenced <u>October 19</u> 194 <u>8</u>					Volume <u>127 MCF</u> Cu. f
Rig Completed <u>November 3</u> 194 <u>8</u>					<u>48</u> Hours After Sho
Drilling Commenced <u>November 3</u> 194 <u>8</u>					Rock Pressure <u>430#</u>
Drilling Completed <u>March 13</u> 194 <u>9</u>					Date Shot <u>3/16/49</u>
Drilling to cost <u>\$2.75</u> per foot					Size of Torpedo <u>3600# G-1</u>
Contractor is: <u>Adkins Bros. Dlg. Co.</u>	SHUT IN				Oil Flowed <u> </u> bbls. 1st 24 hrs
Address: <u>Huntington, W. Va.</u>	Date <u>March 18, 1949</u>				Oil Pumped <u> </u> bbls. 1st 24 hrs
Driller's Name <u>Bob Adkins</u>	<u>5-3/16"</u>				Well abandoned and
<u>Fst Adkins</u>	Size of Packer <u>5-3/16" X 6-5/8"</u>				Plugged <u> </u> 194
	Kind of Packer <u>Bottom Hole</u>				
	1st. Perf. Set <u> </u> from <u> </u>				
Elevation: <u>1292.13</u>	2nd Perf. Set <u> </u> from <u> </u>				

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	0	8	8	
Sand	8	40	32	
Slate	40	48	8	
Sand	48	97	49	
Coal	97	100	3	
Slate	100	155	55	Water at 142' - 1 bailer per hour
Sand	155	240	85	
Slate	240	280	40	
Sand	280	315	35	
Slate	315	365	50	
Sand	365	465	100	
Slate	465	485	20	
Sand	485	600	115	
Slate	600	630	30	
Sand	630	664	34	
Slate	664	750	86	
Sand	750	810	60	

APPROVED
H. E. Adkins

800-

11/17/2023

SERIAL WELL NO. 6429

LEASE NO. 38002

MAP SQUARE 20-29

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate	810	943	133	
Sand	943	955	12	
Slate	955	995	40	
Sand	995	1010	15	
Slate	1010	1190	180	
Sand	1190	1242	52	
Slate	1242	1272	30	
Salt Sand	1272	1353	81	Hole full water at 1300'
Slate	1353	1360	7	Gas at 1280 to 1285' - 24/10 W-2W
Salt Sand	1360	1432	72	Water at 1290 to 1350'
Slate & Shells	1432	1540	108	
Sand	1540	1550	10	
Slate	1550	1561	11	
Lime Shell	1561	1571	10	
Slate	1571	1577	6	
Sandy Shell	1577	1581	4	
Slate	1581	1590	9	
Red Rock	1590	1598	8	
Lime Shell	1598	1608	10	
Slate	1608	1625	17	
Maxon	1625	1656	31	Show of gas at 1632' to 1636' 20/10 W-2W
Slate	1656	1663	7	
Sandy Lime	1663	1705	42	Show of oil at 1690'
Little Lime	1705	1730	25	6-5/8" Casing set @ 1564' - (pulled out)
Big Lime	1730	1920	190	
Injun Sand	1920	1973	53	5-3/16" Casing set @ 1739'
Slate & Shells	1973	2460	487	
Coffee Shale	2460	2479	19	Well closed in 5-3/16" Casing
Berea Grit	2479	2564	85	Show of gas at 2482'
Slate	2564	2587	23	
Brown Shale	2587	2666	79	
Slate	2666	2855	189	
Brown Shale	2855	3044	189	
Gray Shale	3044	3112	68	
Brown Shale	3112	3432	320	Show of gas at 3300'
Slate	3432	3439	7	
Total Depth	3439			Not enough to gauge when d.l.g. completed

APPROVED
[Signature]

Devonian Shale - 2564' to 3439'
 Total Shale - 875'

no sand logged
 no electric log

Mary J. Friend
 Geologist

11/17/2023

127-B C 6 D

March 16, 1949

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

Well No. 6429 (Serial No.) on F. D. Caldwell et al #43 Farm

Was shot this date with 3600# Du Pont Gelatin quarts

Number of Shells 54

Length of Shells 4-1/2 x 10-6"

Top of Shot 2882'

Bottom of Shot 3439'

Top of Brown Shale (Name of Sand) Sand 2882' feet

Bottom of Brown Shale (Name of Sand) Sand 3439' feet

Total Depth of Well 3439'

Results: before shot - 0/10 W-1"

after shot 9/10 W-2" (127 MCF)

Remarks:

Signed J. R. Hussey

District Supt.

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

11/17/2023

1.0 API well number. (If not assigned, leave blank 14 digits)	<u> - 47 - 099 - 00620 </u>			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA	<u> — </u> Category Code		
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above)	<u> N/A </u> 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		WV State	25325 Zip Code
5.0 Location of this well [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u> W Va. field Area B </u> Field Name <u> Wayne </u> County		<u> WVA </u> State	
(b) For OCS wells	<u> N/A </u> Area Name			
Date of Lease _____ Mo. Day Yr.				
(c) Name and identification number of this well (35 letters and digits maximum.)	<u> F. D. Caldwell #43 </u>			
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)	<u> N/A </u>			
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	_____ / Million Cubic Feet			
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]
7.0 Contract price (As of filing date. Complete to 3 decimal places)	S/MMBTU	- . - - -	- . - - -	- . - - -
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places)	S/MMBTU	3.314	- . - - -	- . - - -
9.0 Person responsible for this application	Albert H. Mathena, Jr., Director, Production Eng. Name <u> Albert H. Mathena </u> Signature <u> 5-6-82 </u> Date Application is Completed			
Agency Use Only Date Received by Juris. Agency <u> MAY 13 1982 </u> Date Received by FERC	_____ Title (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:

S8818 I YAM

11/17/2023

PARTICIPANTS:

DATE:

NOV 23 1982

BUYER-SELLER CODE

WELL OPERATOR:

Columbia Gas Trans. Corp

004030

FIRST PURCHASER:

*

*

OTHER:

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

820513-108099-0620

Use Above File Number on all Communications
Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC -121 Items not completed - Line No. All 7.0, 8.0 bcd

2. IV-1 Agent James L. Weekley

3. IV-2 Well Permit

4. IV-6 Well Plat

5. IV-35 Well Record Drilling Deepening

6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced? Ratio

7. IV-39 Annual Production 42 Months years

8. IV-40 90 day Production 89 Days off line:

9. IV-48 Application for certification. Complete?

10-17. IV Form 51 - 52 - 53 - 54 - 55 - (56) - 57 - 58 Complete? Affidavit Signed

18-28. Other: Survey Logs Geological Charts

Structure Map 1: 4000 Map Well Tabulations
Gas Analyses

(5) Date commenced: 11-3-48 Date completed 3-13-49 Deepened

(5) Production Depth: 3300

(5) Production Formation: Brown Shale

(5) Final Open Flow: 127 MCF

(5) After Frac. R. P. 430 #

(6) Other Gas Test:

(7) Avg. Daily Gas from Annual Production: $\frac{1791}{344} = 5.2$ MCF

(8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{460}{87} = 5.3$ MCF

(8) Line Pressure: NA PSIG from Daily Report

(5) Oil Production: From Completion Report

10-17. Does lease inventory indicate enhanced recovery being done No

10-17. Is affidavit signed? Notarized?

Does official well record with the Department confirm the submitted information? 11/17/2023

Additional information Does computer program confirm?

Was Determination Objected to By Whom?

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

Date 5-6 19 82

Operator's Well No 806429

API Well No. 47 - 099 - 00620
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, W. Va. 25325

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

Gas Purchase Contract No NA* and Date _____
(Month, day and year)
Meter Chart Code 802589
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.) Section of NGPA 108 Category Code _____
- (2) Determination that increased production is the result of enhanced recovery technology
- (3) Determination of a seasonally affected well. Production Engineering

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

Albert H. Mathena, Jr., Director-
Name (Print) _____
Albert H. Mathena, Jr.
Signature _____
P. O. Box 1273
Street or P. O. Box _____
Charleston, W. Va. 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 well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1975 (NGPA). 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 _____

All interested parties are hereby notified that on the _____ day of _____ 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 information 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 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

MAY 13 1982

Date received by Jurisdictional Agency

By [Signature]
Title _____

11/17/2023

Describe the search made of any records listed above:

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes ___ No . If yes, indicate the type and source of the information.

AFFIDAVIT

I, Albert H. Mathena, Jr., having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper 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 6 day of May, 19 82, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 6 day of May, 19 82

My term of office expires on the 13 day of August, 19 89.

Larry G. Burdette
Notary Public

[NOTARIAL SEAL]

11/17/2023

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

Date _____ 19____
Operator's Well No. 806429
API Well No. 47 - 099 - 00620
State County Permit

WELL CLASSIFICATION FOR

STRIPPER GAS WELL
NGPA Section 108

DESIGNATED AGENT James L. Weekley

ADDRESS P. O. Box 1273
Charleston, WV 25325

WELL OPERATOR Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273
Charleston, WV 25325

GAS PURCHASER NA

ADDRESS _____

LOCATION: Elevation 1292

Watershed _____

Dist. Lincoln County Wayna Quad. _____

Gas Purchase Contract No. NA

Meter Chart Code 802589

Date of Contract NA

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

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

NOT REQUIRED PER FERC REGULATIONS

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

SEE ATTACHED PRODUCTION SHEETS

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

1.0 API well number. (If not assigned, leave blank 14 digits.)	<u>47-099-00620-</u>				
2.0 Type of determination being sought (Use the codes found on the front of this form.)	<u>107DU</u> Section of NGPA		<u>-</u> Category Code		
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)	<u>3439</u> 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 WV 25325 City State Zip Code			004030 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> <u>WV</u> County State				
(b) For OCS wells	<u>NA</u> Area Name Block Number Date of Lease Mo Day Yr. OCS Lease Number				
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>F.D. Caldwell No. 43 806429</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.)	* Name			004030 Buyer Code	
(b) Date of the contract	_____ * Mo Day Yr.				
(c) Estimated total annual production from the well	_____ / _____ Million Cubic Feet				
		(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	\$/MMBTU	- . - - -	- . - - -	- . - - -	- . - - -
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	\$/MMBTU	<u>Dereg</u>	- . - - -	- . - - -	- . - - -
9.0 Person responsible for this application:	Albert H. Mathena, Jr., Director, Production Eng. Name Title <u>Albert H. Mathena</u> Signature <u>5-20-82</u> (304) 346-0951 Date Application is Completed Phone Number				
Agency Use Only					
Date Received by Juris. Agency	<u>JUN 3 - 1982</u>				
Date Received by FERC					

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

11/17/2023

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's
Well No. 806429

API Well No.

47 - 099 - 00620
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 1292.13
Watershed _____

Dist. Lincoln 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: 11-3-1948

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.

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.

Larry G Burdette
Notary Public

(NOTARIAL SEAL)

COLUMBIA GAS TRANSMISSION CORPORATION

WELL NO. 806429

SUPPLEMENT:

METHOD OF CALCULATION OF BOTTOM HOLE PRESSURE

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

WHERE:

PBH = BOTTOM HOLE PRESSURE (PSIA)

PMH = WELLHEAD PRESSURE (PSIA)

G = SPECIFIC GRAVITY OF GAS

L = DEPTH TO MIDDLE OF PERFORATIONS (FT.)

= 444.7

= 0.7170

= 3160

STEPS:

$$PBH = 444.7 + 444.7 (E**0.0000347*2265.720 - 1.)$$

$$PBH = 444.7 + 444.7 (E**0.078620 - 1.)$$

$$PBH = 444.7 + 444.7 (1.08179 - 1.)$$

$$PBH = 444.7 + 444.7 (0.082)$$

$$PBH = 444.7 + 36.4$$

$$PBH = 481.1 \quad (PSIA)$$



Way-620

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.

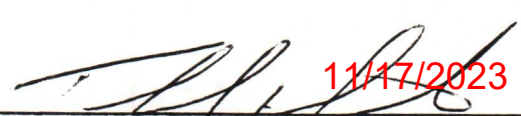
The Office of Oil and Gas further incorporates the Report of the Office and Findings of Fact and Conclusion of Law dated June 28, 1982, as if the same were fully set forth and includes hereto the Report of the Office and Findings of Fact and Conclusion of Law as a part of this Order.

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:


Theodore M. Streit, Administrator

11/17/2023

REPORT DATE 02/23/82
REPORT TIME 16:51:55

COLUMBIA GAS TRANSMISSION CORPORATION
N.G.P.A. SECTION 108
LIST OF WELLS FOR MEASURING STATION NUMBER 802589

PAGE 2334

IN ACCORDANCE WITH SECTION 271.804(B), THE FOLLOWING IS A LIST OF ALL WELLS
ASSOCIATED WITH THIS MEASURING STATION. THESE ARE USED IN DETERMINING WELL
CLASSIFICATIONS UNDER PART 271 SUBPART H.

PRODUCING UNITS

806429

API NUMBERS

47-099-00620

11/17/2023

REPORT DATE 02/23/82
 REPORT TIME 16:51:55

COLUMBIA GAS TRANSMISSION CORPORATION
 N.G.P.A. SECTION 108
 APPLICATION FOR WELL CLASSIFICATION

API WELL NO. 4-1-099-00620
 PAGE 2335

WELL NUMBER : 806429 FARM NAME: F D CALDWELL NO 43
 MEASURING STATION: 802589 LEASE : MV 38002
 STATE :

DATE MM/YY	THREE MONTH MCF/DAY	VOLUME -100- PERCENT	DAYS ON LINE	MCF/DAY -100- PERCENT	LINE PRSS PSIA	WELL COUNT
11/79		180	31	5.8	83	1.000
12/79		184	30	6.1	73	1.000
1/80		186	34	5.5	68	1.000
2/80		165	28	5.9	69	1.000
3/80		192	31	6.2	67	1.000
4/80		158	31	5.1	67	1.000
5/80		140	29	4.8	83	1.000
6/80		164	31	5.3	73	1.000
7/80		177	31	5.7	75	1.000
8/80		146	30	4.9	74	1.000
9/80		161	30	5.4	81	1.000
10/80		166	31	5.4	78	1.000
11/80		155	30	5.2	72	1.000
12/80		168	31	5.6	66	1.000
1/81		183	31	5.9	84	1.000
2/81		182	31	5.9	78	1.000
3/81		150	28	5.4	80	1.000
4/81		213	33	6.5	80	1.000
5/81		94	15	6.3	77	1.000
6/81		136	25	5.4	82	1.000
7/81		160	31	5.2	80	1.000
8/81		157	28	4.9	89	1.000
9/81		85	34	2.5	87	1.000
10/81		158	27	5.9	76	1.000
11/81		174	31	5.6	72	1.000
12/81		174	33	5.3	70	1.000

11/17/2023

REPORT DATE 02/24/82
 REPORT TIME 17:22:45

COLUMBIA GAS TRANSMISSION CORPORATION
 N.G.P.A. SECTION 108
 APPLICATION FOR WELL CLASSIFICATION

API WELL NO. 41-059-00620

PAGE 2374

WELL NUMBER : 806429 FARM NAME: F D CALDWELL NO 43
 MEASURING STATION: 802589 LEASE : 38002
 STATE : WV

DATE MM/YY	THREE MONTH MCF/DAY	VOLUME -100- PERCENT	DAYS ON LINE	MCF/DAY -100- PERCENT	LINE PRSS PSIA	WELL COUNT
10/78		179	30	6.0	70	1.000
11/78	6.3	195	31	6.3	76	1.000
12/78	6.7	201	30	6.7	71	1.000
1/79	6.7	212	30	7.1	64	1.000
2/79	6.8	204	31	6.6	58	1.000
3/79	6.7	184	29	6.6	69	1.000
4/79	6.4	184	30	6.1	67	1.000
5/79	6.3	207	33	6.3	74	1.000
6/79	6.3	179	28	6.4	72	1.000
7/79	6.3	187	30	6.2	84	1.000
8/79	6.3	197	32	6.2	79	1.000
9/79	6.2	182	30	6.1	82	1.000
10/79	6.1	182	28	6.0	88	1.000
11/79	6.0	169	31	5.8	83	1.000
12/79	6.0	184	30	6.1	73	1.000

11/17/2023

REPORT DATE 04/14/82
 REPORT TIME 16:08:04

COLUMBIA GAS TRANSMISSION CORPORATION
 N.G.P.A. SECTION 108
 APPLICATION FOR WELL CLASSIFICATION

API WELL NO. 47-099-00620

WELL NUMBER : 806429 FARM NAME : F D CALDWELL NO 43
 MEASURING STATION : 802589 LEASE : 38002
 STATE : WV

DATE MM/YY	THREE MONTH MCF/DAY	VOLUME -100- PERCENT	DAYS ON LINE	MCF/DAY -100- PERCENT	LINE PRSS PSIA	WELL COUNT
1/82	5.4	145	28	5.2	64	1.000
1/82	5.4	182	31	5.9	63	1.000
2/82	5.4	133	28	4.8	62	1.000
3/82	5.3					

4/17/2023