

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 21, 19 48
PROPOSED LOCATION

Lincoln District

Wayne County

Well No. 6452 82° 20'

UNITED FUEL GAS CO.
Fee Tract #12 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~~ ^{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.

November 1, 1948

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

Gentlemen:

Enclosed is permit WAY-636 to drill Well
No. 6452 on the United Fuel Gas Company Fee Tract
12, Lincoln District, Wayne County.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CHE: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
White Slate			2340	2580	Gas	2630'	Show
Gray Shale			2580	2780			
Brown Shale			2780	3113			
White Slate			3113	3126			
Total Depth				3126'			Not enough gas to test before shot. Shot 4-1-49 with 5750# Gel. 2336-3126. Test 18 Hrs. after shot 4/10 W 2" 84 M
							<u>OPEN FLOW - 84 M. Shale</u> 48 Hr. R.P. 375#
							Shut in 4-2-49 in 6-5/8" Casing.

11/17/2023

Date April 26, 19 49

APPROVED United Fuel Gas Co., Owner

By J. H. Moore
Chief Engineer (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Naugatuck

WELL RECORD

Permit No. WAY-636

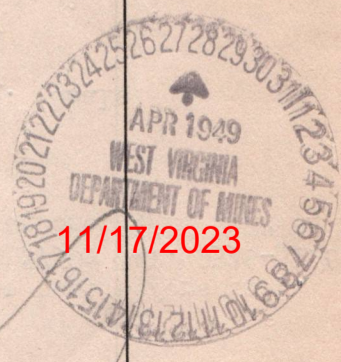
Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Company
Address P. O. Box 1273, Charleston 25, W. Va.
Farm U.F.G. Co. Fee Tr. # 12 Acres 864.39
Location (waters) Laurel Br. of Moses Fk.
Well No. 6452 Elev. 993.97
District Lincoln County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by United Fuel Gas Company
P. O. Box 1273, Address Chas. 25, W. Va.
Drilling commenced 1-21-49
Drilling completed 3-30-49
Date Shot 4-1-49 From 2336 To 3126
With 5750# Gel.
Open Flow 4 /10ths Water in 2 Inch
_____/10ths Merc. in _____ Inch
Volume 84 M - Shale Cu. Ft.
Rock Pressure 375 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 120, 750 feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	10	10	Size of
8 1/4	405	405	
6 1/2	1427	1427	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 180 FEET 24 INCHES
260 FEET 24 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	7	Water	120'	Hole full
Sand			7	180			
Coal			180	182			
Broken Sand			182	260			
Coal			260	262			
Slate			262	398			
Sand			398	410			
Lime			410	438			
Slate & Shells			438	510			
Sand			510	525			
Slate			525	663			
Slate & Shells			663	684	Oil	686'	Show
Sand			684	755	Oil	696'	Show
Slate			755	850	Water	750'	1 B.P.H.
Salt Sand			850	919			
Slate			919	922			
Broken Sand			922	942			
Salt Sand			942	1000			
Slate			1000	1003			
Salt Sand			1003	1110			
Slate			1110	1190			
Sandy Lime			1190	1215			
Slate			1215	1222			
Black Lime			1222	1227			
Slate			1227	1245			
Red Rock			1245	1270			
Slate & Shells			1270	1309			
Lime Shells			1309	1314			
Slate & Shells			1314	1360			
Maxon Sand			1360	1395			
Little Lime			1395	1418			
Big Lime			1418	1595			
Injun Sand			1595	1675			
Slate & Shells			1675	2142			
Shale			2142	2148			
Berea Grit			2148	2265			
Brown Shale			2265	2340	Gas	2308'	Show



B. 57

UNITED FUEL GAS COMPANY
COMPANY

SERIAL WELL NO. 6452

LEASE NO. Ref: 44774

MAP SQUARE 20-29

RECORD OF WELL NO. <u>6452</u> on the		CASING AND TUBING				TEST BEFORE SHOT	
U. F. G. CO. FEETR. # <u>12</u> farm of <u>864.32</u> Acres		SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	0 /10 of Water in <u>1</u> inch	
in	<u>LINCOLN</u> District	<u>10"</u>	<u>32.75#</u>	<u>10.5"</u>	<u>10.5"</u>	/10 of Merc. in _____ inch	
	<u>WAYNE</u> County	<u>8-1/4"</u>	<u>24#</u>	<u>405.6"</u>	<u>405.6"</u>	Volume <u>0</u> Cu. ft.	
State of:	<u>WEST VIRGINIA</u>	<u>6-5/8"</u>	<u>20#</u>	<u>1440.0"</u>	<u>1440.0"</u>	TEST AFTER SHOT	
Field:	<u>BRANCLAND</u>					4 /10 of Water in <u>2</u> inch	
Rig Commenced	<u>BY CONTRACTOR</u> 194					/10 of Merc. in _____ inch	
Rig Completed	<u>BY CONTRACTOR</u> 194					Volume <u>84 MCF</u> Cu. ft.	
Drilling Commenced	<u>JANUARY 21</u> 194 <u>9</u>					<u>48</u> Hours After Shot	
Drilling Completed	<u>MARCH 30</u> 194 <u>9</u>					Rock Pressure <u>375#</u>	
Drilling to cost	<u>\$2.75</u> per foot					Date Shot <u>APRIL 1, 1949</u>	
Contractor is:	<u>WARE DRILLING COMPANY</u>					Size of Torpedo <u>5750#</u>	
Address:	<u>BEAUTY, KENTUCKY</u>	SHUT IN				Oil Flowed _____ bbls. 1st 24 hrs.	
		Date <u>APRIL 2, 1949</u>				Oil Pumped _____ bbls. 1st 24 hrs.	
Driller's Name	<u>R. E. WILLIAMSON</u>	<u>6-5/8 in.</u>		<u>Field Casing</u>			
	<u>JEFF CYRUS</u>	Size of Packer <u>6-5/8" X 8-1/4"</u>				Well abandoned and	
		Kind of Packer <u>Bottom Hole</u>				Plugged _____ 194 _____	
		1st Perf. Set _____ from _____					
Elevation:	<u>993.97</u>	2nd Perf. Set _____ from _____					

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	0	7	7	
Sand	7	180	173	Hole full water at 120'
Coal	180	182	2	
Broken Sand	182	260	78	
Coal	260	262	2	
Slate	262	398	136	
Sand	398	410	12	
Lime	410	438	28	
Slate & Shells	438	510	72	
Sand	510	525	15	
Slate	525	663	138	
Slate & Shells	663	684	21	
Sand	684	755	71	Show of oil at 686'
Slate	755	850	95	Show of gas at 696'
Salt Sand	850	919	69	Water at 750' - 1 bailer per hour
Slate	919	922	3	
Broken Sand	922	942	20	

APPROVED
[Signature]

Em

11/17/2023

SERIAL WELL NO. 6452

LEASE NO. Ref: 44774

MAP SQUARE 20-29

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Salt Sand	942	1000	58	
Slate	1000	1003	3	
Salt Sand	1003	1110	107	
Slate	1110	1190	80	
Sandy Lime	1190	1215	25	
Slate	1215	1222	7	
Black Lime	1222	1227	5	
Slate	1227	1245	18	
Red Rock	1245	1270	25	
Slate & Shells	1270	1309	39	
Lime Shell	1309	1314	5	
Slate & Shells	1314	1360	46	
Maxon Sand	1360	1395	35	
Little Lime	1395	1418	23	
Big Lime	1418	1595	177	6-5/8" SET AT 1427'
Injun Sand	1595	1675	80	
Slate & Shells	1675	2142	467	
Shale	2142	2148	6	
Berea Grit	2148	2265	117	
Brown Shale	2265	2340	75	SHOW OF GAS AT 2308'
White Slate	2340	2580	240	
Gray Shale	2580	2780	200	SHOW OF GAS AT 2630'
Brown Shale	2780	3113	333	GAS NOT ENOUGH TO GAUGE WHEN DLG. COMP.
White Slate	3113	3126	13	30' CAVINGS IN HOLE AFTER SHOT.
Total Depth	3126			

H. Robinson

Devonian Shale - 2265' to 3126'
 Total Shale - 861

no sand logged
 no electric log

Mary S. Friend
 Geologist

11/17/2023

APR 18 1949

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

Well No. 6452 (Serial No.) on U. F. G. Co. Fee Tr. #12 Farm

Was shot this date with 5750# Du pont Gelatin (4/1/49) quarts

Number of Shells 87 shells

Length of Shells 4 1/2 x 10 1/2

Top of Shot 2336'

Bottom of Shot 3126'

Top of White slate Sand 2336' feet
(Name of Sand)

Bottom of Brown Shale Sand 3126' feet
(Name of Sand)

Total Depth of Well 3126'

Results: before shot 0/10 W-1"
after shot - 4/10 W-2" (84 MCF)

Remarks:

Signed *H. E. Simpson* District Supt.

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

**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 (Mo. Day Yr.)</u>	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

S8E18 I YAM

11/17/2023

1.0 API well number. (If not assigned, leave blank 14 digits.)	<u>- 47 - 099 - 00636</u>			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA	_____ Category Code		
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)	<u>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>W.VA.</u> State	
(b) For OCS wells	<u>N/A</u> Area Name		_____ Block Number	
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>TCO MIN TR No. 12 - 806452</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	_____ 5 Million Cubic Feet			
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	\$/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.)	\$/MMBTU	<u>3.314</u>	_____	_____
9.0 Person responsible for this application:	Albert H. Mathena, Jr., Director, Production Eng.			
Agency Use Only	Name _____ Title _____			
Date Received by Juris. Agency <u>MAY 13 1982</u>	Signature <u>Albert H. Mathena Jr.</u>			
Date Received by FERC	_____ 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

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
820513-108099-0636
 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 b, c, d

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 87 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: 1-21-49 Date completed 3-30-49 Deepened

(5) Production Depth: 2630, 2388

(5) Production Formation: Gray Shale, Brown Shale

(5) Final Open Flow: 84 MCF

(5) After Frac. R. P. 375#

(6) Other Gas Test: _____

(7) Avg. Daily Gas from Annual Production: $\frac{3911}{263} = 10.8$ MCF

(8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{1411}{87} = 16.2$ MCF

(8) Line Pressure: NA PSIG from Daily Report

(5) Oil Production: YES From Completion Report 686-

0-17. Does lease inventory indicate enhanced recovery being done NO

0-17. Is affidavit signed? Notarized?

Does official well record with the Department confirm the submitted information? NO 11/17/2023

Additional information _____ Does computer program confirm? _____

Is 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 806452

API Well No. 47 - 099 - 00636
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 802491

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.) 108 Section of NGPA _____ 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) Title

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 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 1975 (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 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 _____
Title _____

11/17/2023

COLUMBIA GAS TRANSMISSION CORPORATION

WELL NO. 806452

SUPPLEMENT:

METHOD OF CALCULATION OF BOTTOM HOLE PRESSURE

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

WHERE:

$$PBH = \text{BOTTOM HOLE PRESSURE (PSIA)}$$

$$PWH = \text{WELLHEAD PRESSURE (PSIA)} = 389.7$$

$$G = \text{SPECIFIC GRAVITY OF GAS} = 0.7170$$

$$L = \text{DEPTH TO MIDDLE OF PERFORATIONS (FT.)} = 2731$$

STEPS:

$$PBH = 389.7 + 389.7 (E**0.0000347*1958.127 - 1.)$$

$$PBH = 389.7 + 389.7 (E**0.067947 - 1.)$$

$$PBH = 389.7 + 389.7 (1.07031 - 1.)$$

$$PBH = 389.7 + 389.7 (0.070)$$

$$PBH = 389.7 + 27.4$$

$$PBH = 417.1 \quad (\text{PSIA})$$

11/17/2023



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)	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.

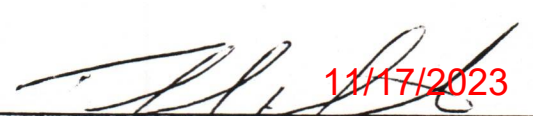
The Office of Oil and Gas further incorporates the Report of the Office and Findings of Fact and Conclusion of Law dated June 28, 1982, as if the same were fully set forth and includes hereto the Report of the Office and Findings of Fact and Conclusion of Law as a part of this Order.

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

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

Given under my hand and official seal this 6 day of May, 1982.

My term of office expires on the 13 day of August, 1989.

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. 806452
API Well No. 47 - 099 - 00636
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL
MGPA 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 993

Watershed _____

Dist. Lincoln County Wayne Quad. _____

Gas Purchase Contract No. NA

Meter Chart Code 802491

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:

FERC-121

<p>1.0 API well number: (If not assigned, leave blank 14 digits.)</p>	<p><u>47-099-00636-</u></p>			
<p>2.0 Type of determination being sought (Use the codes found on the front of this form.)</p>	<p><u>107DU</u> Section of NGPA</p>		<p>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>3126</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 style="text-align: right;">OIL & GAS DIVISION DEPT. OF MINES</p> <p>Columbia Gas Transmission Corporation <u>004030</u> Name Seller Code P. O. Box 1273 Street Charleston WV 25325 City State 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>WU Field Area B</u> Field Name <u>Wayne</u> <u>WV</u> County State</p>			
<p>(b) For OCS wells</p>	<p><u>NA</u> Area Name 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>TCO Fee Tr. No. 12</u> <u>806452</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>*</p>		<p><u>004030</u> Buyer Code</p>	
<p>(b) Date of the contract:</p>	<p>Mo. Day Yr. *</p>			
<p>(c) Estimated total annual production from the well</p>	<p><u>5</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 -.-.-	-.-.-	-.-.-	-.-.-
<p>8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)</p>	S/MMBTU <u>Dereg</u>	-.-.-	-.-.-	-.-.-
<p>9.0 Person responsible for this application:</p>	<p>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</p>			
<p>Agency Use Only</p>				
<p>Date Received by Juris. Agency</p>				
<p><u>JUN 3 - 1982</u></p>				
<p>Date Received by FERC</p>				

*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. 806452

API Well No.

47 - 099 - 00636
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 993.91'
Watershed _____

WELL OPERATOR Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273
Charleston, WV 25325

Dist. Lincoln County Wayne Quad. _____

GAS PURCHASER N.A.

Gas Purchase
Contract No. N.A.

ADDRESS _____

Meter Chart Code _____

Date of Contract N.A.

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

Date surface drilling began: 1-21-1949

Indicate the bottom hole pressure of the well and explain how this was calculated.

See Supplement

AFFIDAVIT

I, Albert H. Mathena, Jr., having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(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

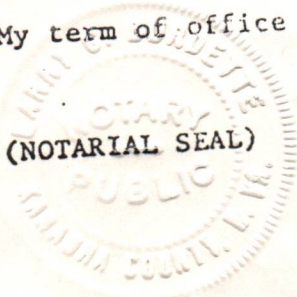
COUNTY OF KANAWHA, TO-WIT:

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, 19 82, has acknowledged the same before me, in my county aforesaid,

Given under my hand and official seal this 20 day of May 11/17/2023 82.

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

Larry G Burdette
Notary Public



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11/17/2023



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

Date 5-20, 1982

Operator's Well No. 806452
API Well No. 47 - 099 - 00636
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,
Production Engineering
Albert H. Mathena, Jr. _____
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 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 3 - 1982

Date received by
Jurisdictional Agency

By [Signature]
Title _____
11/17/2023

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

PAGE 2300

COLUMBIA GAS TRANSMISSION CORPORATION
N.G.P.A. SECTION 108
LIST OF WELLS FOR MEASURING STATION NUMBER 802491

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

806451 806452

API NUMBERS

47-099-00635
47-099 00636

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

PAGE 2302
 API WELL NO. 47-099-00636

WELL NUMBER : 806452 FARM NAME: TCO FEE TR NO 12
 MEASURING STATION: 802491 LEASE : 12E8
 STATE : WV

DATE MM/YY	THREE MONTH MCF/DAY	VOLUME -100- PERCENT	DAYS ON LINE	MCF/DAY -100- PERCENT	LINE PRSS PSIA	WELL COUNT
11/79		485	31	15.6	83	1.000
12/79		477	30	15.9	73	1.000
1/80	15.8	541	34	15.9	68	1.000
2/80	16.0	454	28	16.2	69	1.000
3/80	16.2	507	31	16.4	67	1.000
4/80	16.5	521	31	16.8	67	1.000
5/80	16.5	476	29	16.4	81	1.000
6/80	15.2	112	13	8.6	75	1.000
7/80	14.0	0	0	0.0	79	1.000
8/80	8.6	0	0	0.0	78	1.000
9/80	16.9	355	21	16.9	81	1.000
10/80	16.6	509	31	16.4	76	1.000
11/80	16.3	476	30	15.9	71	1.000
12/80	16.2	490	30	16.3	67	1.000
1/81	16.2	505	31	16.3	83	1.000
2/81	15.9	472	31	15.2	75	1.000
3/81	15.7	436	28	15.6	80	1.000
4/81	15.5	519	33	15.7	80	1.000
5/81	15.6	437	28	15.6	86	1.000
6/81	15.6	479	31	15.5	82	1.000
7/81	15.9	532	32	16.6	80	1.000
8/81	15.8	411	27	15.2	89	1.000
9/81	15.8	531	34	15.6	88	1.000
10/81	15.6	431	27	16.0	76	1.000
11/81	15.4	454	31	14.6	72	1.000
12/81	15.5	527	33	16.0	70	1.000

Compressor Down

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

PAGE 2341
 API WELL NO. 47-099-00636

WELL NUMBER : 806452 FARM NAME: TCO FEE TR NO 12
 MEASURING STATION: 802491 LEASE : 12E8
 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		488	30	16.3	71	1.000
11/78		480	31	15.5	76	1.000
12/78		483	30	16.1	71	1.000
1/79	15.9	476	30	15.9	65	1.000
2/79	14.6	373	31	12.0	58	1.000
3/79	13.8	392	29	13.5	69	1.000
4/79	14.4	533	30	17.8	67	1.000
5/79	16.3	573	33	17.4	74	1.000
6/79	17.3	464	28	16.6	72	1.000
7/79	17.1	522	30	17.4	84	1.000
8/79	17.3	570	32	17.8	79	1.000
9/79	17.5	519	30	17.3	83	1.000
10/79	17.2	460	28	16.4	89	1.000
11/79	16.4	485	31	15.6	83	1.000
12/79	16.0	477	30	15.9	73	1.000

11/17/2023

API WELL NO. 47-099-00636

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

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

WELL NUMBER : 806452 FARM NAME: TCO FEE TR NO 12
MEASURING STATION: 802491 LEASE : 12E8
STATE : WV

DATE MM/YY	THREE MONTH MCF/DAY	VOLUME -100- PERCENT	DAYS ON LINE	MCF/DAY -100- PERCENT	LINE PRSS PSIA	WELL COUNT
11/81	15.6	454	33	14.5	72	1.000
1/82	15.6	454	33	16.2	64	1.000
2/82	16.0	495	31	16.0	64	1.000
3/82	16.2	462	28	16.5	63	1.000

11/17/2023