

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

UNITED FUEL GAS CO.
NAME OF WELL OPERATOR
% G. H. Moore,
P.O. Box 1273, Charleston 25, W. Va.
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

October 21, 19 48
PROPOSED LOCATION

UNITED FUEL GAS CO.
OWNER OF MINERAL RIGHTS
P.O. Box 1273,
Charleston 25, W. Va.
ADDRESS

Lincoln District
Wayne County
Well No. 6451
UNITED FUEL GAS CO.
Fee Tract No. 23 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,



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.

635

WAY-635

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

NAME OF WELL OPERATOR

UNITED FUEL GAS CO.

E. G. H. Moore,

P. O. Box 1273, Charleston 25, W. Va.

COMPLETE ADDRESS

ADDRESS

COAL OPERATOR OR COAL OWNER

PROPOSED LOCATION

October 21, 1948

ADDRESS

District

Lincoln

UNITED FUEL GAS CO.

OWNER OF MINERAL RIGHTS

Wayne

County

P. O. Box 1273,

Charleston 25, W. Va.

ADDRESS

Well No. 6251

UNITED FUEL GAS CO.

Farm

Tree Tract No. 23

ENTIREMENT

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 ^{Deed} ~~conveyance~~ dated _____ to

_____ made by _____ HUNTINGTON DEV. & GAS CO. and recorded on the _____ 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 boundary of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location or which they are required to make by Section 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 addresses _____ day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

UNITED FUEL GAS CO.

WELL OPERATOR

E. G. H. Moore,

STREET

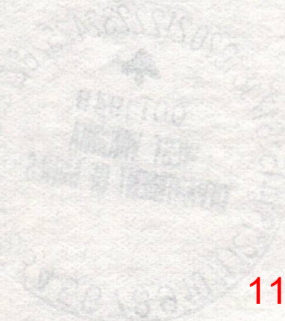
P. O. Box 1273, Charleston 25,

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 report must shall forthwith issue to the well operator a drilling permit reciting the title of such plat, that no objections have been made by the coal operators to the location or found thereon by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

Permit Number

WV-685

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			2245	2475			
Gray Shale			2475	2535			
Brown Shale			2535	2600			
Gray Shale			2600	2700	Gas	2935'	Br. Shale
Brown Shale			2700	3000			
Slate			3000	3011			
Total Depth			3011'	Sd. Ln.	Not enough gas to test before shot. Shot 12-3-48 with 5450# Gelatin from 2205-3011. Test 7 days after shot when shut in 18/10 W 1" 45 M		
					FINAL OPEN FLOW - 45 M - Shale		
					48 Hour R.P. 370#		
					Shut in 12-10-48 in 6-5/8" Casing.		

11/17/2023

Date January 18, 19 49

APPROVED United Fuel Gas Co., Owner

By M. H. Moore
Chief Engineer (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Newgatch

WELL RECORD

Permit No. WAY-635

Oil or Gas Well Gas
(KIND)

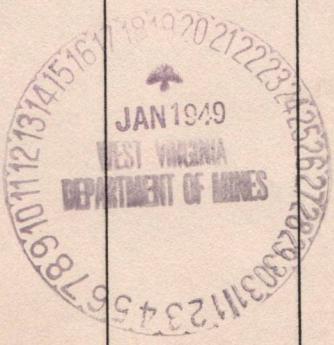
Company United Fuel Gas Co.
Address P. O. Box 1273, Charleston 25, W. Va.
Farm U.F.G. Co. Min. Tr. #23 Acres 821
Location (waters) Moses Fk. of 12-Pole Cr.
Well No. 6451 Elev. 889.19
District Lincoln County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by United Fuel Gas Co.
P. O. Box 1273 Address Chas. 25, W. Va.
Drilling commenced 10-6-48
Drilling completed 12-2-48
Date Shot 12-3-48 From 2205 To 3011
With 5450# Gel.
Open Flow 18/10ths Water in 1" Inch
_____/10ths Merc. in _____ Inch
Volume 45 M - Shale Cu. Ft.
Rock Pressure 370 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 40,590 feet _____ feet
Salt water 835 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	18' 3"	18' 3"	Size of
8 1/4	301	301	
6 5/8	1306	1306	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 118 FEET 24 INCHES
240 FEET 36 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	8	Water	40'	Hole Full
Sand			8	118			
Coal			118	120			
Slate			120	128			
Sand			128	240			
Coal			240	243			
Slate			243	280			
Sand			280	350			
Slate			350	385			
Sand			385	410			
Slate			410	495			
Slate & Shells			495	510			
Sand			510	560			
Slate			560	564	Oil & Gas	568'	Show
Sand			564	620	Water	590'	1 B.P.H.
Slate			620	694			
Salt Sand			694	795			
Slate			795	815	Water	835'	Hole Full
Sand			815	990			
Slate			990	998			
Salt Sand			998	1028			
Slate			1028	1077			
Sand			1077	1107			
Slate			1107	1112			
Sand			1112	1117			
Slate			1117	1138			
Red Rock			1138	1163			
Lime Shell			1163	1169			
Red Rock			1169	1180			
Slate & Shells			1180	1215			
Red Rock			1215	1229			
Maxon			1229	1270			
Little Lime			1270	1300			
Big Lime			1300	1490	Gas	1426-1429'	Show in B.Lim
Injun Sand			1490	1570			
Slate & Shells			1570	2025			
Brown Shale			2025	2050			
Berea Grit			2050	2150			
Brown Shale			2150	2245			



11/17/2023

**UNITED FUEL GAS CO.,
COMPANY**

SERIAL WELL NO. 6451

LEASE NO. Ref: 44774

MAP SQUARE 20-31

RECORD OF WELL NO. <u>6451</u> on the	CASING AND TUBING				TEST BEFORE SHOT
<u>UFG Co. Fee Tr. #23</u> farm of <u>821</u> Acres	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	<u>None</u> /10 of Water in <u>1</u> inch
in <u>Lincoln</u> District	<u>10"</u>	<u>32.75#</u>	<u>18-3</u>	<u>18-3</u>	/10 of Merc. in _____ inch
<u>Wayne</u> County	<u>8-1/4"</u>	<u>24#</u>	<u>304-8</u>	<u>304-8</u>	Volume <u>0</u> Cu. ft.
State of: <u>West Virginia</u>	<u>6-5/8"</u>	<u>20#</u>	<u>1315-1</u>	<u>1315-1</u>	TEST AFTER SHOT
Field: <u>Branchland</u>					<u>18</u> /10 of Water in <u>1</u> inch
Rig Commenced <u>By Contractor</u> 194 <u>8</u>					/10 of Merc. in _____ inch
Rig Completed <u>By Contractor</u> 194 <u>8</u>					Volume <u>44.73 MCF</u> Cu. ft.
Drilling Commenced <u>Oct. 6</u> 194 <u>8</u>					<u>48</u> Hours After Shot
Drilling Completed <u>Dec. 2</u> 194 <u>8</u>					Rock Pressure <u>370#</u>
Drilling to cost <u>\$2.50</u> <u>\$2.75</u> per foot					Date Shot <u>12-3-48</u>
Contractor is: <u>Ware Drilling Company</u>					Size of Torpedo <u>5450# Gelatin</u>
Address: <u>Beauty, Kentucky</u>	SHUT IN				Oil Flowed _____ bbls. 1st 24 hrs.
	Date <u>12/10/48</u>				Oil Pumped _____ bbls. 1st 24 hrs.
Driller's Name <u>Jeff Cyrus</u>	<u>6-5/8" in.</u>	<u>2 1/2" X 1/4" X 1/4"</u>	<u>2 1/2" X 1/4" X 1/4"</u>	<u>2 1/2" X 1/4" X 1/4"</u>	Well abandoned and
<u>R. E. Williamson</u>	Size of Packer <u>6-5/8" X 8-1/4"</u>				Plugged _____ 194 _____
	Kind of Packer <u>Bottom Hole</u>				
	1st Perf. Set _____ from _____				
Elevation: <u>889.19</u>	2nd Perf. Set _____ from _____				

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	0	8	8	
Sand	8	118	110	Hole full water at 40'
Coal	118	120	2	
Slate	120	128	8	
Sand	128	240	112	
Coal	240	243	3	
Slate	243	280	37	
Sand	280	350	70	Show of oil & gas at 568'
Slate	350	385	35	Water at 590' one bailer per hour
Sand	385	410	25	Water at 835' Hole full
Slate	410	495	85	Reamed hole from 1115 to 1306.
Slate & Shells	495	510	15	Show of gas at 1426 to 1429
Sand	510	560	50	Show of gas at 2935'
Slate	560	564	4	
Sand	564	620	56	
Slate	620	694	74	
Salt Sand	694	795	101	

APPROVED
R. E. Williamson

11/17/2023

SERIAL WELL NO. 6451

LEASE NO. Refs 44774

MAP SQUARE 20-31

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate	795	815	20	
Sand	815	990	175	
Slate	990	998	8	
Salt Sand	998	1028	30	
Slate	1028	1077	49	
Sand	1077	1107	30	
Slate	1107	1112	5	
Sand	1112	1117	5	
Slate	1117	1138	21	
Red Rock	1138	1163	25	
Lime Shell	1163	1169	6	
Red Rock	1169	1180	11	
Slate & Shells	1180	1215	35	
Red Rock	1215	1229	14	
Maxon Sand	1229	1270	41	
Little Lime	1270	1300	30	
Big Lime	1300	1490	190	
Injun Sand	1490	1570	80	
Slate & Shells	1570	2025	455	
Brown Shale	2025	2050	25	
Berea Grit	2050	2150	100	
Brown Shale	2150	2245	95	
Slate	2245	2475	230	
Gray Shale	2475	2535	60	
Brown Shale	2535	2600	65	
Gray Shale	2600	2700	100	
Brown Shale	2700	3000	300	
Slate	3000	3011	11	
Total Depth	3011	Sand Line		

APPROVED
[Signature]

Devonian Shale - 2150' to 3011'
 Total Shale - 861'
 no sand logged
 no electric log
 Mary S. Friend
 Geologist

11/17/2023

December 3 19 48

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

Well No. 6451 (Serial No.) on U.F.G.Co. Fee Tr. #23 Farm

Was shot this date with ~~5450#~~ Du Pont Gelatin quarts

Number of Shells _____

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

Top of Shot 2205

Bottom of Shot 3011

Top of Brown Shale Sand 2205 feet
(Name of Sand)

Bottom of Brown Shale Sand 3011 feet
(Name of Sand)

Total Depth of Well 3011'

Results: before shot 0/10 W-1"
after shot 18/10 W-1" (44.73 MCF)

Remarks: _____

Signed *A. Gibson* 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 -00635 </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	
		004030 Seller Code			
5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	<u> WVA. 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				
		Date of Lease _____ Mo. Day Yr.		_____ OCS Lease Number	
(c) Name and identification number of this well (35 letters and digits maximum.)	<u> TCO MIN TR #23 806451 </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.)	*		004030 Buyer Code		
		Name			
(b) Date of the contract	_____ * Mo. Day Yr.				
(c) Estimated total annual production from the well	<u> 5 </u> 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.)	S/MMBTU	_____	_____	_____	_____
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	S/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> Albert H. Mathena </u> Signature		_____	
<u> MAY 13 1982 </u> Date Received by FERC		<u> 5-6-82 </u> Date Application is Completed		(304) 346-0951 Phone Number	

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

11/17/2023

**U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426**

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)
(Sections 102, 103, 107 and 108)**

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

Other Purchasers/Contracts:

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

Remarks:

SRP 8 : YAM

NOV 23 1982

PARTICIPANTS:

DATE:

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

820513-108099-0635

QUALIFIED

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

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: 10-6-48 Date completed 12-2-48 Deepened

(5) Production Depth: 1426-29, 2935

(5) Production Formation: Big Lime, Brown Shale

(5) Final Open Flow: 44.73 MCF

(5) After Frac. R. P. 370#

(6) Other Gas Test:

(7) Avg. Daily Gas from Annual Production: $\frac{3911}{363} = 10.8$ 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 568-

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 APPLICATION FOR WELL CLASSIFICATION

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.) 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) 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 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 108 of (NGPA).

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 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

[Signature]
BY _____

Date received by _____
Jurisdictional Agency

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 81

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. 806451
API Well No. 47 - 099 - 00635
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 _____

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

<p>1.0 API well number: (If not assigned, leave blank 14 digits.)</p>	<p><u>47-099-00635-</u> RECEIVED</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 <u>1</u> Category Code JUN 3 1982</p>						
<p>3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p><u>3011</u> feet OIL & GAS DIVISION DEPT. OF MINES</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 WV 25325 City State Zip Code</p>			<p>004030 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>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</p> <p>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 Min. Tr. No. 23</u> <u>806451</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>* Name</p>			<p>004030 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>						
<p>7.0 Contract price (As of filing date. Complete to 3 decimal places.)</p>	S/MMBTU	(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)		
<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</p> <p><u>Albert H. Mathena Jr.</u> Signature</p> <p><u>5-20-82</u> (304) 346-0951 Date Application is Completed Phone Number</p>						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Agency Use Only</td> </tr> <tr> <td style="text-align: center;">Date Received by Juris. Agency JUN 3 - 1982</td> </tr> <tr> <td style="text-align: center;">Date Received by FERC</td> </tr> </table>	Agency Use Only	Date Received by Juris. Agency JUN 3 - 1982	Date Received by FERC				
Agency Use Only							
Date Received by Juris. Agency JUN 3 - 1982							
Date Received by FERC							

*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:

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 889.19'
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 surfacedrilling began: 10-6-1948

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

See Supplement

AFFIDAVIT

I, Albert H. Mathena, Jr., having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Albert H Mathena Jr

STATE OF WEST VIRGINIA

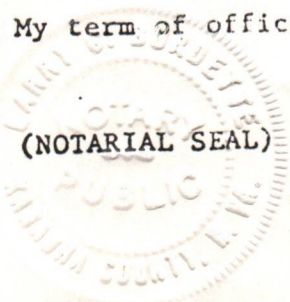
COUNTY OF KANAWHA, TO-WIT:

I, Larry G. Burdette, a Notary Public in and for the state and county aforesaid, do certify that Albert H. Mathena, Jr., whose name is signed to the writing above, bearing date the 20 day of May, 1982, has acknowledged the same before me, in my county aforesaid.

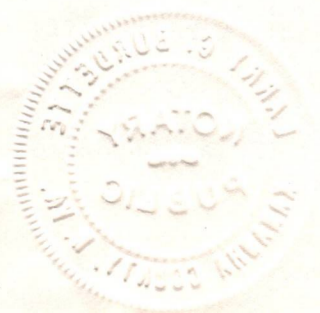
Given under my hand and official seal this 20 day of May, 1982.

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

Larry G Burdette
Notary Public



11/17/2023



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

Date 5-20, 19 82

Operator's Well No. 806451

API Well No. 47 - 099 - 00635
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 3 - 1982

Date received by Jurisdictional Agency

By [Signature]
Title Director
14/17/2023



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:  11/17/2023
Theodore M. Streit, Administrator

COLUMBIA GAS TRANSMISSION CORPORATION

WELL NO. 306451

SUPPLEMENT:

METHOD OF CALCULATION OF BOTTOM HOLE PRESSURE

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

WHERE:

PBH = BOTTOM HOLE PRESSURE (PSIA)

PMH = WELLHEAD PRESSURE (PSIA)

G = SPECIFIC GRAVITY OF GAS

L = DEPTH TO MIDDLE OF PERFORATIONS (FT.)

= 384.7

= 0.7170

= 2608

STEPS:

$$PBH = 384.7 + 384.7 (EX*0.0000347*1869.936 - 1.)$$

$$PBH = 384.7 + 384.7 (EX*0.064887 - 1.)$$

$$PBH = 384.7 + 384.7 (1.06704 - 1.)$$

$$PBH = 384.7 + 384.7 (0.067)$$

$$PBH = 384.7 + 25.8$$

$$PBH = 410.5 \quad (PSIA)$$

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

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

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 103
 APPLICATION FOR WELL CLASSIFICATION

PAGE 2301
 API WELL NO. 47-099-00635

WELL NUMBER : 806451 FARM NAME: TCO MIN TR NO 23
 MEASURING STATION: 802491 LEASE : 23E8
 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	82	1.000
12/79		477	30	15.9	74	1.000
1/80	15.8	541	34	15.9	67	1.000
2/80	16.0	454	28	16.2	68	1.000
3/80	16.2	507	31	16.4	68	1.000
4/80	16.5	521	31	16.8	66	1.000
5/80	16.5	476	29	16.4	82	1.000
6/80	15.2	112	13	8.6	74	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	81	1.000
4/81	15.5	519	33	15.7	81	1.000
5/81	15.6	437	28	15.6	87	1.000
6/81	15.6	479	31	15.5	83	1.000
7/81	15.9	532	32	16.6	81	1.000
8/81	15.8	411	27	15.2	88	1.000
9/81	15.8	531	34	15.6	88	1.000
10/81	15.6	431	27	16.0	77	1.000
11/81	15.4	454	31	14.6	72	1.000
12/81	15.5	527	33	16.0	71	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 2340
 API WELL NO. 47-099-00635

WELL NUMBER : 806451 FARM NAME: TCO MIN TR NO 23
 MEASURING STATION: 802491 LEASE : 23E8
 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	70	1.000
11/78		480	31	15.5	77	1.000
12/78		483	30	16.1	72	1.000
1/79	15.9	476	30	15.9	64	1.000
2/79	14.6	373	31	12.0	57	1.000
3/79	13.8	392	29	13.5	68	1.000
4/79	14.4	533	30	17.8	66	1.000
5/79	16.3	573	33	17.4	73	1.000
6/79	17.3	464	28	16.6	73	1.000
7/79	17.1	522	30	17.4	83	1.000
8/79	17.3	570	32	17.8	73	1.000
9/79	17.5	519	30	17.3	81	1.000
10/79	17.2	460	28	16.4	88	1.000
11/79	16.4	485	31	15.6	82	1.000
12/79	16.0	477	30	15.9	74	1.000

11/17/2023

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

PAGE 2301
 API WELL NO. 47-099-00635

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

WELL NUMBER : 806451 FARM NAME: TCO MIN TR NO 23
 MEASURING STATION: 802491 LEASE : 23E8
 STATE : WV

DATE MM/YY	THREE MONTH MCF/DAY	VOLUME -100- PERCENT	DAYS ON LINE	MCF/DAY -100- PERCENT	LINE PRSS PSIA	WELL COUNT
1/81		450	33	14.6	76	1.000
2/81		527	33	16.6	74	1.000
1/82	15.6	454	28	16.2	65	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