



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Waynesburg

WELL RECORD

Permit No. WAY-670

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Co.
Address P. O. Box 1273, Charleston 25, W. Va.
Farm The Central Trust Co. Acres 6852.4
Location (waters) Rt. Fk. of Bull Cr.
Well No. 6538 Elev. 1140.44
District Lincoln County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by E. Vance Clark
The Central Trust Co. Address Cincinnati, Ohio
Drilling commenced 5-16-49
Drilling completed 7-2-49
Date Shot 7-6-49 From 2505 To 3287
With 5333-1/3# Gel.
Open Flow 3 /10ths Water in 2" Inch
_____/10ths Merc. in _____ Inch
Volume 73 M - Shale Cu. Ft.
Rock Pressure 307 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 1155 - 1180 feet _____ feet

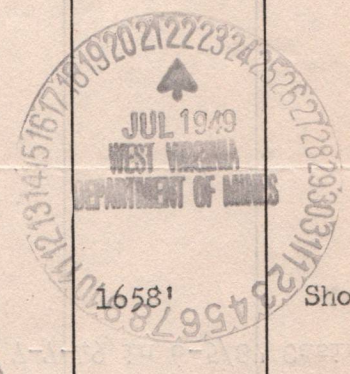
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	531	531	Size of
8 1/2			
6 3/4	1606	1606	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 445 FEET 36 INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	20			
Sand			20	105			
Slate			105	190			
Sand			190	300			
Broken Sand			300	445			
Coal			445	448			
Slate			448	550			
Slate & Shells			550	675			
Slate			675	700			
Sand			700	725			
Slate			725	1020			
Sand			1020	1090			
Slate			1090	1110	Gas	1115-1125	Show
Sand			1110	1230	Water	1155-1180	Water
Broken Sand			1230	1290			
Slate			1290	1358			
Lime			1358	1363			
Slate			1363	1400			
Red Rock			1400	1409			
Slate			1409	1440			
Red Rock			1440	1465			
Slate			1465	1481			
Red Rock			1481	1496			
Slate			1496	1538			
Maxon Sand			1538	1580			
Little Lime			1580	1599	Gas	1658'	Show
White Lime			1599	1795			
Keener Sand			1795	1812			
Red Injun Sand			1812	1850			
Slate & Shells			1850	2347	Gas	2355'	Show
Berea Grit			2347	2455			
Brown Shale			2455	2545	Gas	2506	Show
Light Shale			2545	2780	Gas	2985	Show
Brown Shale			2780	2900			
Light Shale			2900	2965			
Brown Shale			2965	3280			
White Slate			3280	3292			
Total Depth				3292'	Depthometer		



11/10/2023

Test before shot 2/10 W 1" 15 M
Shot 7-6-49 with 5333-1/3# Gel. 2505-3287.
Test 17 Hrs. after shot 3/10 W 2" 73 M

UNITED FUEL GAS COMPANY

COMPANY

SERIAL WELL NO. 6538

LEASE NO. 31896

MAP SQUARE 20-29

RECORD OF WELL NO. <u>6538</u> on the		CASING AND TUBING				TEST BEFORE SHOT
Central Tr. Co. #20 farm of <u>68 2.40</u> Acres		SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	2 /10 of Water in... <u>1</u>
in <u>Lincoln</u> District		<u>10"</u>	<u>32.75#</u>	<u>531'6"</u>	<u>531'6"</u>	/10 of Merc. in.....
<u>Wayne</u> County		<u>6-5/8"</u>	<u>20#</u>	<u>1623'6"</u>	<u>1623'6"</u>	Volume... <u>14.90 MCF</u>
State of: <u>West Virginia</u>						TEST AFTER SHOT
Field: <u>Branchland</u>						3 /10 of Water in... <u>2</u>
Rig Commenced <u>May 12</u> 1949						/10 of Merc. in.....
Rig Completed <u>May 14</u> 1949						Volume... <u>73 MCF</u>
Drilling Commenced <u>May 16</u> 1949						<u>48</u> Hours After
Drilling Completed <u>July 2</u> 1949						Rock Pressure... <u>307#</u>
Drilling to cost <u>\$2.75</u> per foot						Date Shot... <u>July 6, 1949</u>
Contractor is: <u>WARE DRILLING CO.</u>						Size of Torpedo... <u>5333-1/31</u>
Address: <u>Beauty, Kentucky</u>		SHUT IN				Oil Flowed.....bbls. 1st 2
		Date... <u>July 7, 1949</u>				Oil Pumped.....bbls. 1st 2
Driller's Name <u>Ed Wooten</u>		<u>6-5/8"</u> in.		<u>20' x 30'</u> Casing		
<u>Earl Cassidy</u>		Size of Packer <u>6-5/8" x 8-1/4"</u>				Well abandoned and
		Kind of Packer <u>Bottom Hole</u>				Plugged.....19
		1st. Perf. Set..... from.....				
Elevation: <u>1140.44</u>		2nd Perf. Set..... from.....				

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil	0	20	20	
Sand	20	105	85	
Slate	105	190	85	
Sand	190	300	110	
Broken Sand	300	445	145	
Coal	445	448	3	
Slate	448	550	102	
Slate & Shells	550	675	125	
Slate	675	700	25	
Sand	700	725	25	
Slate	725	1020	295	
Sand	1020	1090	70	
Slate	1090	1110	20	
Sand	1110	1230	120	
Broken Sand	1230	1290	60	
Slate	1290	1358	68	
Line	1358	1363	5	

APPROVED
[Signature]

11/10/2023

July 6

19 49

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

Well No. 6538 (Serial No.) on central Trust co. #20 Farm

Was shot this date with 5333-1/3# du Pont Gelatin quarts

Number of Shells 85 shells

Length of Shells 4-1/4" X 10 1/2"

Top of Shot 2505'

Bottom of Shot 3287'

Top of Brown Shale Sand 2505' feet
(Name of Sand)

Bottom of Brown Shale Sand 3287' feet
(Name of Sand)

Total Depth of Well 3292'

Results: before shot 2/10 W-1" (14.90 MCF)
After shot 3/10 W-2" (73 MCF)

Remarks: 5' of cavings in hole.

Signed [Signature] 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</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

S8918 I YAM

<p>1.0 API well number. (If not assigned, leave blank 14 digits.)</p>	<p style="font-size: 1.2em;">- 47 - 099 - 00670</p>				
<p>2.0 Type of determination being sought (Use the codes found on the front of this form.)</p>	<p style="font-size: 1.2em;">108</p>	<p style="font-size: 1.2em;">—</p>			
	Section of NGPA	Category Code			
<p>3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p style="font-size: 1.2em;">N/A</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</p> <p>Name</p> <p>P. O. Box 1273</p> <p>Street</p> <p>Charleston</p> <p>City</p>			<p style="font-size: 1.2em;">004030</p> <p>Seller Code</p>	
	City	State	Zip Code		
<p>5.0 Location of this well (Complete (a) or (b).)</p> <p>(a) For onshore wells (35 letters maximum for field name.)</p>	<p style="font-size: 1.2em;">W.VA. field Area B</p>				
	Field Name			State	
<p>(b) For OCS wells</p>	<p style="font-size: 1.2em;">N/A</p>				
	Area Name		Block Number		
	<p>Date of Lease</p> <p>Mo. Day Yr.</p>				
	<p>OCS Lease Number</p>				
<p>(c) Name and identification number of this well (35 letters and digits maximum.)</p>	<p style="font-size: 1.2em;">Central Trust Co # 20 806538</p>				
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)</p>	<p style="font-size: 1.2em;">N/A</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 style="font-size: 1.2em;">*</p>			<p style="font-size: 1.2em;">004030</p>	
	Name			Buyer Code	
<p>(b) Date of the contract:</p>	<p style="font-size: 1.2em;">*</p>				
	<p>Mo. Day Yr.</p>				
<p>(c) Estimated total annual production from the well</p>	<p style="font-size: 1.2em;">3</p>				
	<p>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>	\$/MMBTU	---	---	---	---
<p>8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)</p>	\$/MMBTU	3.314	---	---	---
<p>9.0 Person responsible for this application:</p>	<p>Albert H. Mathena, Jr., Director, Production Eng.</p> <p>Name</p> <p style="font-size: 1.2em;">Albert H. Mathena</p> <p>Signature</p> <p style="font-size: 1.2em;">5-6-82</p> <p>Date Application is Completed</p>				
Agency Use Only	Title				
Date Received by Juris. Agency	Phone Number				
MAY 13 1982	(304) 346-0951				
Date Received by FERC					

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

11/10/2023

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

820513-108099-0670

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 91 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: 5-16-49 Date completed 7-2-49 Deepened
- (5) Production Depth: 2985-2505
- (5) Production Formation: Brown Shale
- (5) Final Open Flow: 73 MCF
- (5) After Frac. R. P. 307#
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: 3537 / 366 = 9.7 MCF
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 788 / 91 = 8.7 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? NO 11/10/2023
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

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 87.

Larry G. Burdette
Notary Public

[NOTARIAL SEAL]

11/10/2023

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

Date _____ 19____
Operator's Well No. 806538
API Well No. 47 - 099 - 00670
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 802622

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

11/10/2023

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

Date 5-6 19 82

Operator's Well No 806538

API Well No. 47 - 099 - 00670
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 802622

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 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 115 of (NGPA).

All interested parties are hereby notified that on the _____ day of _____, 1982, 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

[Signature]
by _____
Title _____

11/10/2023

**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:

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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:

1.0 API well number: (If not assigned, leave blank 14 digits.)	<u>47-099-00670</u>			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	<u>107 DV</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>3292</u> feet		RECEIVED JUN 10 1982	
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>WU Field Area B</u> Field Name <u>Wayne</u> County		<u>WV</u> State	
(b) For OCS wells	<u>NA</u> Area Name		<u> </u> Block Number	
	<u> </u> Date of Lease Mo. Day Yr.		<u> </u> OCS Lease Number	
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>Central Trust Co. 20 806538</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.)	<u>*</u> Name		<u>004030</u> Buyer Code	
(b) Date of the contract:	<u> </u> Mo. Day Yr. *			
(c) Estimated total annual production from the well	<u>3</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.)	\$/MMBTU <u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	\$/MMBTU <u>Dereg</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
9.0 Person responsible for this application:	Albert H. Mathena, Jr., Director, Production Eng.			
Agency Use Only	Name <u>Albert H. Mathena, Jr.</u>		Title <u>Director</u>	
Date Received by Juris. Agency <u>JUN 10 1982</u>	Signature <u>Albert H. Mathena, Jr.</u>		Date Application is Completed <u>5-27-82</u>	
Date Received by FERC	Date Application is Completed <u>5-27-82</u>		Phone Number <u>(304) 346-0951</u>	

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

11/10/2023

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's
Well No. 806538

API Well No.
47 - 099 - 00670
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 1140.44'
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: 5-16-1949

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)(i)(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 27 day of May, 19 82 has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 27 day of May 1, 1982.

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

Larry G Burdette
Notary Public

(NOTARIAL SEAL)

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

Date 5-27, 19 82

Operator's Well No. 806538

API Well No. 47 - 099 - 00670
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
Name (Print) Albert H. Mathena, Jr. Title
Signature Albert H. Mathena, Jr.
P. O. Box 1273
Street or P. O. Box
Charleston WV 25325
City State (Zip Code)
304) 346-0951
Area Phone Number
Code

(Certificate of Proof of Service to Purchaser)

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

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

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

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

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

This Application is assigned File No. _____

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

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

WEST VIRGINIA DEPARTMENT OF MINES

JUN 10 1982

Date received by
Jurisdictional Agency

Director
By [Signature]
Title 11/10/2023

[Handwritten signature]

11/10/2023



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

BEFORE THE OFFICE OF OIL AND GAS
OF THE DEPARTMENT OF MINES
OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF THE APPLICATIONS)
OF COLUMBIA GAS TRANSMISSION)
CORPORATION REQUESTING CLASSI-)
FICATION UNDER SECTION 107 OF THE)
NATURAL GAS POLICY ACT OF CERTAIN)
WELLS IN BOONE, CABELL, JACKSON,)
KANAWHA, LINCOLN, LOGAN, MINGO)
AND WAYNE COUNTIES, WEST VIRGINIA.)

CAUSE NO. 33

ORDER NO. 1

REPORT OF THE OFFICE

This cause came before the Administrator of the Office of Oil and Gas on June 28, 1982, at 1:00 p.m., in Conference Room C, Capitol Conference Center, Charleston, West Virginia, after giving notice of hearing as required by law on the applications of Columbia Gas Transmission Corporation for certification of certain wells in Boone, Cabell, Jackson, Kanawha, Lincoln, Logan, Mingo and Wayne Counties as Devonian Shale wells under Section 107(c)(4) of the Natural Gas Policy Act.

FINDINGS OF FACT

1. Applicant is an operator within the meaning of paragraph (w) of Chapter 22-4-1.
2. Applicant has made filings for certification pursuant to Rule 34.04.
3. The Natural Gas Policy Act (NGPA) in Section 107, Ceiling Price For High-Cost Natural Gas--(c) Definition of High-Cost Natural Gas-- "For purposes of this section, the term "high-cost natural gas" means natural gas determined in accordance with Section 503 to be....(4) produced from Devonian Shale."
4. The Federal Energy Regulatory Commission (FERC) by Rule 272.101-(c) prescribes the method by which the jurisdictional agency may determine gas produced from Devonian Shale.
5. Exhibits refer to evidence gathered at a public hearing held June 28, 1982.

11/10/2023

6. Exhibits No. 2 and 3 lists the wells to be under consideration for Section 107 pricing. All these wells are located on Exhibits No. 4 and 5 and have been completed in the Devonian Shale.

7. Applicant, by letter dated June 25, 1982 (Exhibit No. 3) requested that eight (8) of the wells listed on Attachment A be stricken from the docket for hearing and they have been withdrawn.

8. Exhibit No. 6 shows random sampling of already qualified Devonian Shale wells.

9. Various cross-sections throughout the interval show gamma ray logs of the wells (see Exhibits Nos. 7, 8 and 9).

10. No well has any non-shale greater than 5% in the Devonian interval penetrated.

11. No gamma ray logs are available on these wells since they were all drilled before logging was common in West Virginia.

CONCLUSION OF LAW

1. That due notice of the time, place and purpose of the hearing has been given in all respects as required by law.

2. That pursuant to Chapter 22, Article 4, Code of West Virginia of 1931, as amended, the Office has jurisdiction over the subject matter embraced in said notice, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

ORDER

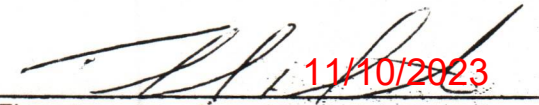
NOW, therefore, based on the aforementioned Findings of Fact and Conclusion of Law, it is found by the Administrator that Columbia Gas Transmission Corporation's applications for classification under Section 107 of the Natural Gas Policy Act for certain wells in Boone, Cabell, Jackson, Kanawha, Lincoln, Logan, Mingo and Wayne Counties, identified in Attachment A, are approved.

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

Entered this 12th day of July, 1983.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

OFFICE OF OIL AND GAS
OF THE DEPARTMENT OF MINES
OF THE STATE OF WEST VIRGINIA

By:  11/10/2023
Theodore M. Streit, Administrator

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

COLUMBIA GAS TRANSMISSION CORPORATION
N.G.P.A. SECTION 108
LIST OF WELLS FOR MEASURING STATION NUMBER 802622

PAGE 2396

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

806538

API NUMBERS

47-099-00670

11/10/2023

WELL NUMBER : 806538 FARM NAME: CENTRAL TRUST CO 20
 MEASURING STATION: 802622 LEASE : 31896
 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		275	28	9.8	74	1.000
11/78		294	33	8.9	72	1.000
12/78		261	31	8.4	71	1.000
1/79	9.0	294	31	9.5	63	1.000
2/79	8.9	258	29	8.9	55	1.000
3/79	9.2	265	29	9.1	65	1.000
4/79	9.1	277	30	9.2	67	1.000
5/79	9.3	291	31	9.4	81	1.000
6/79	9.4	287	30	9.6	73	1.000
7/79	9.5	249	26	9.6	82	1.000
8/79	9.6	0	0	0.0	0	1.000
9/79	9.6	0	0	0.0	0	1.000
10/79	0.0	0	0	0.0	0	1.000
11/79	11.1	322	29	11.1	81	1.000
12/79	10.2	272	29	9.4	74	1.000

WELL NUMBER : 806538 FARM NAME: CENTRAL TRUST CO 20
 MEASURING STATION: 802622 LEASE : 31896
 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		322	29	11.1	81	1.000
12/79		272	29	9.4	74	1.000
1/80		320	34	9.4	70	1.000
2/80	9.9	244	28	8.7	61	1.000
3/80	9.1	265	29	9.1	64	1.000
4/80	8.8	209	25	8.4	74	1.000
5/80	8.8	0	0	0.0	0	1.000
6/80	8.4	0	0	0.0	0	1.000
7/80	0.0	0	0	0.0	0	1.000
8/80	0.0	0	0	0.0	0	1.000
9/80	0.0	0	0	0.0	0	1.000
10/80	0.0	0	0	0.0	0	1.000
11/80	0.0	0	0	0.0	0	1.000
12/80	0.0	0	0	0.0	0	1.000
1/81	0.0	0	0	0.0	0	1.000
2/81	14.4	259	18	14.4	74	1.000
3/81	13.6	368	28	13.1	81	1.000
4/81	11.1	226	31	7.3	73	1.000
5/81	10.1	306	30	10.2	76	1.000
6/81	9.4	360	34	10.6	80	1.000
7/81	10.8	309	26	11.9	74	1.000
8/81	10.9	311	30	10.4	77	1.000
9/81	11.4	410	34	12.1	76	1.000
10/81	10.9	273	27	10.1	75	1.000
11/81	10.5	280	31	9.0	71	1.000
12/81	9.3	274	31	8.8	75	1.000

off for line repair

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

WELL NUMBER : 806538 FARM NAME: CENTRAL TRUST CO 20
 MEASURING STATION: 802622 LEASE : 31896
 STATE : WV

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

DATE MM/YY	THREE MONTH MCF/DAY	VOLUME -100- PERCENT	DAYS ON LINE	MCF/DAY -100- PERCENT	LINE PRSS PSIA	WELL COUNT
11/81		290	31	9.8	73	1
12/81		236	31	7.9	67	1.000
1/82	8.6	319	33	9.7	66	1.000
2/82	8.8	233	28	8.3	65	1.000
3/82	8.7					

11/10/2023

COLUMBIA GAS TRANSMISSION CORPORATION

WELL NO. 806538

SUPPLEMENT:

METHOD OF CALCULATION OF BOTTOM HOLE PRESSURE

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

WHERE:

- PBH = BOTTOM HOLE PRESSURE (PSIA) = 321.7
- PWH = WELLHEAD PRESSURE (PSIA) = 0.7170
- G = SPECIFIC GRAVITY OF GAS = 2896
- L = DEPTH TO MIDDLE OF PERFORATIONS (FT.) = 2896

STEPS:

- PBH = 321.7 + 321.7 (E*0.0000347*2076.432 -1.)
- PBH = 321.7 + 321.7 (E*0.072052 -1.)
- PBH = 321.7 + 321.7 (1.07471 -1.)
- PBH = 321.7 + 321.7 (0.075)
- PBH = 321.7 + 24.0
- PBH = 345.7 (PSIA)

11/10/2023