



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.

Wayne Co. Land & Mineral Co.
COAL OPERATOR OR COAL OWNER
% Howard F. Meek
Suite 1200 First Huntington Nat. Bank Bldg
Huntington, W. Va.

United Fuel Gas Co.
NAME OF WELL OPERATOR
P. O. Box 1273
Charleston 25, W. Va.
COMPLETE ADDRESS

April 11, 1957

COAL OPERATOR OR COAL OWNER
ADDRESS

PROPOSED LOCATION
Lincoln District

Wayne Co. Land & Mineral Co.
OWNER OF MINERAL RIGHTS
% Howard F. Meek
Suite 1200 First Huntington Nat. Bank Bldg
Huntington, W. Va.

Wayne County
Well No. 8375
F. D. Caldwell, et al #66 Farm

Handwritten notes: 38000', 82° 25', Elw. 1052.92'

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated May 1, 1931, made by F. D. Caldwell, et al, to United Fuel Gas Co., and recorded on the 2nd day of October, 1931, in the office of the County Clerk for said County in Book 16, page 350.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

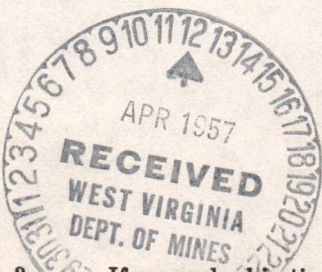
The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address 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 COMPANY
WELL OPERATOR
P. O. Box 1273
Charleston 25
West Virginia



Address of Well Operator

08/25/2023

*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.

Formation	Color	Hard or Soft	Top 2/	Bottom	Oil, Gas or Water	Depth Found	Remarks
White Shale			2402	2605			
Brown Shale			2605	2741			
White Shale			2741	2948			
Brown Shale			2948	3088			
White Slate			3088	3100			
Total Depth			3100'				
Bed Green							
White Sand							
Bed Rock							
Slate							
Bed Rock							
Slate							
Sand							
Slate							
Sand							
Slate							
Sand							
Slate							
Coast							
Slate							
Sand							
Slate & Shells							
Sand							
Slate							
Sand							
Surface			0	0			

08/25/2023

Date November 14, 1957

APPROVED UNITED FUEL GAS CO., Owner

By S. J. Fenelly
(Title)
Supt., Civil Engineering Dept.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 2/

Quadrangle Naugatuck

Permit No. WAY-1047

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Co.
Address P. O. Box 1273; Charleston 25, W. Va.
Farm F. D. Caldwell/#66 Acres 13,500
Location (waters) et al Drag Creek
Well No. 8375 Elev. 1052.92
District Lincoln County Wayne
The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by Wayne Co. Land & Mineral Co. x 7
Howard F. Meek; Suite 1200 First Nat. Bank Bldg.
Huntington, W. Va.

Drilling commenced 7-6-57
Drilling completed 10-17-57
Date Shot 10-18-57 From 2322 To 3100
With 5,266-2/3# Gelatin

Open Flow 10/10ths Water in 2 Inch
/10ths Merc. in _____ Inch
Volume 133,000 Cu. Ft.
Rock Pressure 252 lbs. 48 hrs.
370 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED _____

RESULT AFTER TREATMENT _____

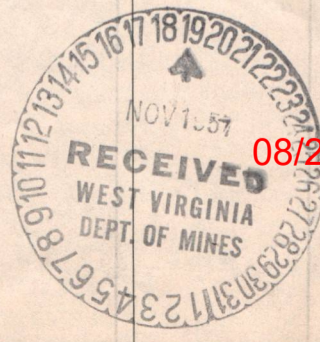
ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water 955 Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Hook wall</u>
13			Size of
10 <u>3/4</u>		<u>603'</u>	<u>3 1/2" x 7" x 16"</u>
8 1/4			Depth set
<u>7</u>		<u>1449</u>	<u>2243'</u>
5 3/16			Perf. top
3 <u>1/2</u>		<u>2997</u>	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 265 FEET 36 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	10	Conductor 10'		
Sand			10	27			
Slate			27	68	Hole reduced @ 1263'		
Sand			68	156			
Slate & Shells			156	198	Gas 2210-2215' 2/10 W 1" 15 M		
Sand			198	260			
Slate			260	265	Show gas 2910'		
Coal			265	268			
Slate			268	287			
Sand			287	385	Test before shot - show		
Slate			385	785	Shot 10-18-57 with 5,266-2/3# Gelatin		
Sand			785	823	from 2322-3100'		
Slate			823	900	Test 1 hour after shot 32/10 W 2" 239 M		
Salt Sand			900	1055	Test 20 hours after shot 10/10 W 2" 133		
Slate			1055	1102			
Sand			1102	1234			
Slate			1235	1347	Shut in 10-28-57 in 3 1/2" tubing.		
Pink Rock			1347	1355			
Slate			1355	1404			
Red Rock			1404	1413			
Little Lime			1413	1434			
Pea Green			1434	1441			
Big Lime			1441	1645			
Injun Sand			1645	1696			
Weir Shells			1696	2173			
Shale			2173	2210			
Berea Grit			2210	2300			
Slate			2300	2325			
Brown Shale			2325	2402			



(over)

UNITED FUEL GAS COMPANY
COMPANY

WELL NO. 8375

LEASE NO. Pt. 38002

MAP SQUARE 18-33

WELL NO. <u>8375</u> on the <u>13,500</u> farm of Acres <u>Lincoln</u> District <u>Wayne</u> County State of: <u>West Virginia</u> Field: <u>Central Division</u> Beg. commenced By Contractor 19 Beg. completed By Contractor 19 Drilling Commenced <u>July 6,</u> 19 <u>57</u> Drilling Completed <u>October 17,</u> 19 <u>57</u> Drilling to cost _____ per foot Contractor is: <u>Earl Prather</u> Address: <u>Oil Spring, Ky.</u> Driller's Name <u>Henry Whitaker</u> <u>H. P. Pelfry</u> Elevation: <u>1052.92'</u>	CASING AND TUBING <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SIZE</th> <th>WEIGHT</th> <th>USED IN DRILLING</th> <th>LEFT IN WELL</th> </tr> <tr> <td><u>10-3/4"</u></td> <td><u>40#</u></td> <td><u>609'</u></td> <td><u>609'</u></td> </tr> <tr> <td><u>7"</u></td> <td><u>20#</u></td> <td><u>1465'</u></td> <td><u>1465'</u></td> </tr> <tr> <td><u>3-1/2"</u></td> <td><u>9#</u></td> <td><u>3013'</u></td> <td><u>3013'</u></td> </tr> </table>	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	<u>10-3/4"</u>	<u>40#</u>	<u>609'</u>	<u>609'</u>	<u>7"</u>	<u>20#</u>	<u>1465'</u>	<u>1465'</u>	<u>3-1/2"</u>	<u>9#</u>	<u>3013'</u>	<u>3013'</u>	TEST BEFORE SHOT <u>0</u> /10 of Water in <u>1"</u> inch /10 of Merc. in _____ inch Volume _____ Cu. ft. TEST AFTER SHOT <u>10</u> /10 of Water in <u>2"</u> inch /10 of Merc. in _____ inch Volume <u>133 MCF</u> Cu. ft. <u>15</u> Hours After Shot Rock Pressure <u>48 Hr. 252#</u> Date Shot <u>10-18-57</u> Size of Torpedo <u>5266-2/3# Gel</u> SHUT IN Date <u>10-28-57</u> 3-1/2" in. Tubing Tubing or Casing Size of Packer <u>3-1/2" X 7"</u> Kind of Packer <u>Hookwall</u> 1st. Perf. Set _____ from _____ 2nd Perf. Set _____ from _____ Oil Flowed _____ bbls. 1st 24 hrs. Oil Pumped _____ bbls. 1st 24 hrs. Well abandoned and Plugged _____ 19
SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL															
<u>10-3/4"</u>	<u>40#</u>	<u>609'</u>	<u>609'</u>															
<u>7"</u>	<u>20#</u>	<u>1465'</u>	<u>1465'</u>															
<u>3-1/2"</u>	<u>9#</u>	<u>3013'</u>	<u>3013'</u>															

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	0	10	10	
Sand	10	27	17	
Slate	27	68	41	
Sand	68	156	88	
Slate & Shells	156	198	42	
Sand	198	260	62	
Slate	260	265	5	
Coal	265	268	3	
Slate	268	287	19	
Sand	287	385	98	
Slate	385	785	400	
Sand	785	823	38	
Slate	823	900	77	
Salt Sand	900	1055	155	Water @ 955' - Hole Full
Slate	1055	1102	47	
Sand	1102	1234	132	
Slate	1234	1347	113	

APPROVED

[Signature]
DIVISION SUPERINTENDENT

08/25/2023

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Link Rock	1347	1355	8	
Late	1355	1404	49	
Red Rock	1404	1413	9	
Little Lime	1413	1434	21	
Green	1434	1441	7	
Big Lime	1441	1645	204	7" Casing set @ 1449'
Injun Sand	1645	1696	51	
Weir Shells	1696	2173	477	
Shale	2173	2210	37	
Berea Grit	2210	2300	90	Gas @ 2210'-2215' - 2/10 W-1"
Slate	2300	2325	25	
Brown Shale	2325	2402	77	
White Shale	2402	2605	203	
Brown Shale	2605	2741	136	
White Shale	2741	2948	207	Show of Gas @ 2910'
Brown Shale	2948	3088	140	
White Slate	3088	3100	12	When Drilling completed 2/10 W-1"
TOTAL DEPTH	3100'			
<i>Devonian Shale 2300-3100 800' Thickness</i>				
<i>No sand logged</i>				
<i>Jamel E. Templett</i>				
<i>Geologist</i>				

October 18, 19 57

Mr. W. W. Ferrell, Ass't. Superintendent

Well No. 8375 (Serial No.) on F.D. Caldwell et al #66 Farm

Was shot this date with 5266-2/3# Gelatin quarts

Number of Shells

Length of Shells 4-1/4" X 10'6"

Top of Shot 2322'

Bottom of Shot 3100'

Top of Slate Sand 2300' feet
(Name of Sand)

Bottom of White Slate Sand 3100' feet
(Name of Sand)

Total Depth of Well 3100'

Results: 15 Hrs. after Shot 10/10 W-2" - 133 MCF

Remarks:

Signed *W. H. Chapman* District Supt.

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

08/25/2023

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

Remarks:

S88151 YAM

<p>1.0 API well number. (If not assigned, leave blank 14 digits.)</p>	<p style="font-size: 1.2em;">- 47 - 099 - 01047</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>Section of NGPA</p>	<p style="font-size: 1.2em;">—</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 style="font-size: 1.2em;">N/A</p> <p>feet</p>			
<p>4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)</p>	<p>Columbia Gas Transmission Corporation</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>
<p>5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)</p>	<p style="font-size: 1.2em;">WVA. Field Area B</p> <p>Field Name</p> <p style="font-size: 1.2em;">Wayne</p> <p>County</p>			<p style="font-size: 1.2em;">WVA.</p> <p>State</p>
<p>(b) For OCS wells</p>	<p style="font-size: 1.2em;">N/A</p> <p>Area Name</p> <p style="text-align: center;">Date of Lease</p> <p style="text-align: center;">Mo. Day Yr.</p> <p style="text-align: right;">Block Number</p> <p style="text-align: right;">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;">FD Caldwell #66</p>			<p style="font-size: 1.2em;">808375</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>Name</p>			<p style="font-size: 1.2em;">004030</p> <p>Buyer Code</p>
<p>(b) Date of the contract</p>	<p style="text-align: right;">*</p> <p style="text-align: center;">Mo. Day Yr.</p>			
<p>(c) Estimated total annual production from the well</p>	<p style="font-size: 1.2em;">11</p> <p>Million Cubic Feet</p>			
<p>7.0 Contract price (As of filing date. Complete to 3 decimal places.)</p>	<p>S/MMBTU</p>	<p>(a) Base Price</p> <p style="font-size: 1.2em;">---</p>	<p>(b) Tax</p> <p style="font-size: 1.2em;">---</p>	<p>(c) All Other Prices (Indicate (+) or (-).)</p> <p style="font-size: 1.2em;">---</p>
<p>8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)</p>	<p>S/MMBTU</p>	<p style="font-size: 1.2em;">3.314</p>	<p style="font-size: 1.2em;">---</p>	<p style="font-size: 1.2em;">---</p>
<p>9.0 Person responsible for this application</p>	<p style="font-size: 1.2em;">Albert H. Mathena, Jr., Director, Production Eng.</p> <p>Name</p> <p style="font-size: 1.2em;">Albert H. Mathena Jr.</p> <p>Signature</p> <p style="font-size: 1.2em;">5-6-82</p> <p>Date Application is Completed</p> <p style="text-align: right;">(304) 346-0951</p> <p style="text-align: right;">Phone Number</p>			

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

08/25/2023

PARTICIPANTS:

DATE: NOV 23 1982

BUYER-SELLER CODE

WELL OPERATOR: Columbia Gas Trans. Corp.

004030

FIRST PURCHASER: *

*

OTHER: _____

QUALIFIED

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

820519-108-099=1047

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 2.0 8.0 b, d
- 2. IV-1 Agent James L. Weekly
- 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 90 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: 7-6-57 Date completed 10-17-57 Deepened _____
- (5) Production Depth: 2910, 2210-15
- (5) Production Formation: White shale, Berea Grit
- (5) Final Open Flow: 133 MCF
- (5) After Frac. R. P. 252 # 48 hrs.
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: 364 ¹⁴¹⁸² 38.9 MCF
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 3872 90=43. 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
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

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Describe the search made of any records listed above:

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

AFFIDAVIT

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

Albert H Mathena Jr

STATE OF WEST VIRGINIA.

COUNTY OF Kanawha, TO WIT:

I, Larry G. Burdette, a Notary Public in and for the state and county aforesaid, do certify that Albert H. Mathena, Jr. whose name is signed to the writing above, bearing date the 6 day of May, 19 82, has acknowledged the same before me, in my county aforesaid.

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

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

Larry G Burdette
Notary Public

[NOTARIAL SEAL]

08/25/2023

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

Date _____ 19____
Operator's Well No. 808375
API Well No. 47 - 099 - 01047
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 1052

Watershed _____

Dist. Lincoln County Wayne Quad. _____

Gas Purchase Contract No. NA

Meter Chart Code 802986

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

08/25/2023



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.

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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:  08/25/2023
Theodore M. Streit, Administrator

<p>1.0 API well number. (If not assigned, leave blank 14 digits.)</p>	<p style="font-size: 1.2em; margin: 0;">-47-099-01047</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; margin: 0;">107-DV</p>	<p style="font-size: 1.2em; margin: 0;">—</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; margin: 0;">3100 feet</p>				
<p>4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)</p>	<p>Columbia Gas Transmission Corporation</p> <p>Name P. O. Box 1273</p> <p>Street Charleston</p> <p>City</p>			<p>004030</p> <p>Seller Code</p> <p>WV 25325</p> <p>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>WV FIELD AREA B</p> <p>Field Name</p> <p>WAYNE</p> <p>County</p> <p>WV</p> <p>State</p>				
<p>(b) For OCS wells</p>	<p>Area Name</p> <p style="text-align: center; font-size: 1.2em;">N/A</p> <p>Block Number</p> <p>Date of Lease</p> <p style="text-align: center;"> _ _ _ _ _ _ _ </p> <p style="font-size: 0.8em; text-align: center;">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>F. D. CALDWELL -66</p> <p style="text-align: right; font-size: 1.2em;">808375</p>				
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)</p>	<p style="text-align: center; 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="text-align: center; font-size: 1.2em;">*</p> <p>Name</p>			<p>004030</p> <p>Buyer Code</p>	
<p>(b) Date of the contract:</p>	<p style="text-align: center;"> _ _ _ _ _ _ _ </p> <p style="font-size: 0.8em; text-align: center;">Mo. Day Yr.</p> <p style="text-align: right; font-size: 1.2em;">*</p>				
<p>(c) Estimated total annual production from the well</p>	<p style="text-align: center; font-size: 1.2em;">12</p> <p style="text-align: right; font-size: 0.8em;">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	Dereg	---	---	---
<p>9.0 Person responsible for this application:</p>	<p>Albert H. Mathena, Jr., Director, Production Eng.</p> <p>Name Title</p> <p style="font-size: 1.2em; font-family: cursive;">Albert H. Mathena Jr.</p> <p>Signature</p> <p style="font-size: 1.2em; font-family: cursive;">5-27-82</p> <p>Date Application is Completed</p> <p style="font-size: 1.2em;">(304) 346-0951</p> <p>Phone Number</p>				
Agency Use Only					
Date Received by Juris. Agency					
Date Received by FERC					
<p>JUN 9 1982</p>					

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

08/25/2023

**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:

SEE R MUL

DEPARTMENT OF MINES, OIL, AND GAS DIVISION

Operator's Well No. 808375

API Well No. 47 - 099 - 01047
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 1052.92
Watershed _____

WELL OPERATOR Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273
Charleston, WV 25325

Dist. LINCOLN County WAYNE Quad NAUGATUCK

Gas Purchase Contract No. N.A.

GAS PURCHASER N.A.

Meter Chart Code 802986

ADDRESS _____

Date of Contract N.A.

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

Date surface drilling began: 7/6/57

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 27 day of May, 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 27 day of May, 1982.
My term of office expires on the 13 day of August, 1989.

08/25/2023

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. 808375

API Well No. 47 - 099 - 01047
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 802986

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 107-DV 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 9 1982

Date received by Jurisdictional Agency

Director
By _____
Title 08/25/2023

COLUMBIA GAS TRANSMISSION CORPORATION

WELL NO. 808375

SUPPLEMENT:

METHOD OF CALCULATION OF BOTTOM HOLE PRESSURE

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

WHERE:

PBH = BOTTOM HOLE PRESSURE (PSIA)

PMH = WELLHEAD PRESSURE (PSIA)

G = SPECIFIC GRAVITY OF GAS

L = DEPTH TO MIDDLE OF PERFORATIONS (FT.) = 2711

STEPS:

$$PBH = 266.7 + 266.7 (E**0.0000347*1943.787 - 1.)$$

$$PBH = 266.7 + 266.7 (E**0.067449 - 1.)$$

$$PBH = 266.7 + 266.7 (1.06978 - 1.)$$

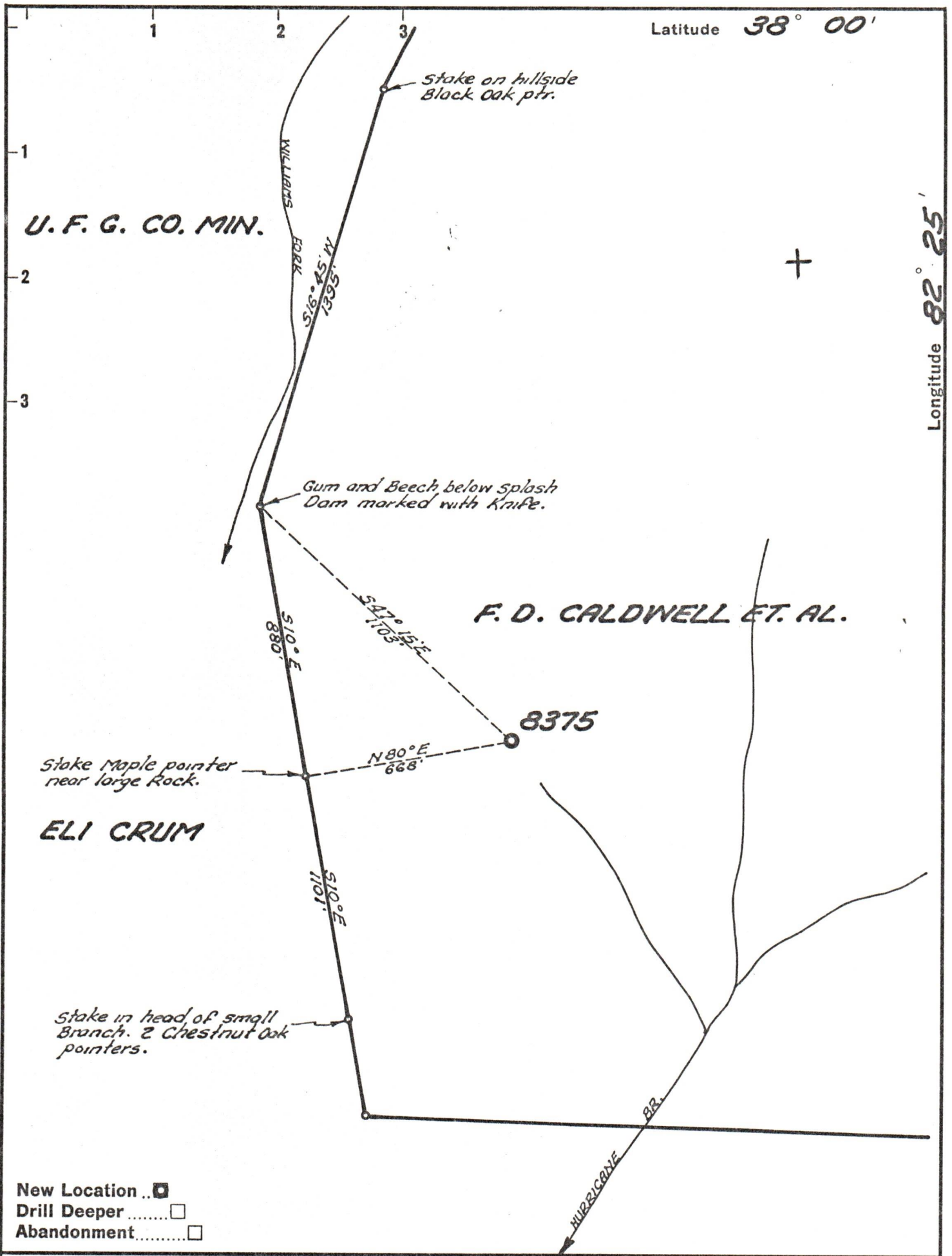
$$PBH = 266.7 + 266.7 (0.070)$$

$$PBH = 266.7 + 18.6$$

$$PBH = 285.3 \quad (PSIA)$$

08/25/2023

08/25/2023



New Location
 Drill Deeper
 Abandonment

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm F. D. CALDWELL, ET. AL.
 Tract _____ Acres 13.500 Lease No. 38002
 Well (Farm) No. 66 Serial No. 8375
 Elevation (Spirit Level) 1052.92'
 Quadrangle NAUGATUCK
 County WAYNE District LINCOLN
 Engineer Paul E. Joachim
 Engineer's Registration No. 669
 File No. 18-33 Drawing No. _____
 Date 3-27-57 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. WAY-1047

08/25/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.