



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

May 14, 1958

C
O
P
Y

Mr. Ivan T. Henson, Inspector
Oil & Gas Wells
331 Elaine Court
Huntington, West Virginia

Dear Mr. Henson:

We are in receipt of the following applications
to drill wells from United Fuel Gas Company.

Well No. 8660 on United Fuel Gas Company Fee
Tract, Lincoln District, Wayne County - permit WAY-1092

Well No. 8661 on United Fuel Gas Company Min.
Tr. #1, Lincoln District, Wayne County - permit WAY-1093.

Well No. 8662 on United Fuel Gas Company Min.
Tr. #1, Lincoln District, Wayne County - permit WAY-1094.

Well No. 8664 on Mingo Oil and Gas Company #4
Tract, Harvey District, Mingo County - permit MIN-578.

Very truly yours,

Assistant Director
OIL AND GAS DIVISION

MG/dm

cc Mr. G. H. Samples, Inspector at Large

08/18/2023



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

May 14, 1958

Mr. Ivan T. Hanson, Inspector
Oil & Gas Wells
331 State Court
Martinsburg, West Virginia

Dear Mr. Hanson:

We are in receipt of the following applications
to drill wells from United Fuel Gas Company.

Well No. 8860 on United Fuel Gas Company Fee
Tract, Lincoln District, Wayne County - permit WAY-1092

Well No. 8861 on United Fuel Gas Company Fee
Tr. of Lincoln District, Wayne County - permit WAY-1092

Well No. 8862 on United Fuel Gas Company Fee
Tr. of Lincoln District, Wayne County - permit WAY-1091

Well No. 8863 on King Oil and Gas Company Fee
Tract, Harney District, Mingo County - permit MIN-776

Very truly yours,

Assistant Director
OIL AND GAS DIVISION

HW/aw

cc Mr. G. H. Sengler, Inspector at Large

C
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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

May 24, 1958

C
O
P
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United Fuel Gas Company
P. O. Box 1273
Charleston 25, West Virginia

Att: Mr. Bernard Moon

Gentlemen:

Please find enclosed permits for drilling the following wells:

Permit No.	Well No.	Farm	District
MIN-578	8644	Mingo Oil & Gas Co. #4	Harvey
WAY-1092	8660	United Fuel Gas Co. Fee	Lincoln
WAY-1093	8661	U. F. G. Co. Min. Tr. #1	Lincoln
WAY-1094	8662	U. F. G. Co. Min. Tr. #1	Lincoln

Please post one copy of each permit at the well site.

Very truly yours,

Assistant Director
OIL AND GAS DIVISION

NG/dm

encl:

cc Mr. Ivan T. Nenson, Inspector

Mr. G. H. Samples, Inspector
at Large

08/18/2023



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 CHARLESTON

May 24, 1950

United Fuel Gas Company
 P. O. Box 1873
 Charleston 25, West Virginia

Atty: Mr. Bernard Moon

Comments:

Please find enclosed permits for drilling the
 following wells:

Permit No.	Well No.	Owner	Location
WAY-1094	8582	U. F. G. Co. Min. Tr. #1	Lincoln
WAY-1093	8581	U. F. G. Co. Min. Tr. #1	Lincoln
WAY-1092	8580	United Fuel Gas Co. No. 2	Lincoln
WAY-278	8544	Minco Oil & Gas Co. #4	Harvey

Please post one copy of each permit at the well

also.

Very truly yours,

Assistant Director
 OIL AND GAS DIVISION

cc Mr. Ivan T. Hanson, Inspector
 Mr. G. H. Samples, Inspector
 of Large

COPY

January 30, 1959

Mr. Bernard Moon;
United Fuel Gas Company
P. O. Box 1273
Charleston, West Virginia

Dear Sirs:

Please send us two copies of the well record for the completed drilling of Well No. 8660 on United Fuel Gas Company Fee Tract, Lincoln District, Wayne County, Permit WAY-1092.

Very truly yours,

Crawford L. Wilson, Director
WEST VIRGINIA DEPARTMENT OF MINES

BY: _____

Assistant Director
OIL AND GAS DIVISION

MG/dm

cc Mr. James W. Pack, Inspector

08/18/2023

Formation	Color	Hard or Soft	Top 35	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1487	1498			
Red Rock			1498	1517			
Slate			1517	1526			
Hard Shell			1526	1533			
Slate			1533	1555			
Red Rock			1555	1564			
Slate			1564	1591			
Little Lime			1591	1617			
Pencil Cave			1617	1622			
Big Lime			1622	1810			
Keener Sand			1810	1828			
Red Injun			1828	1867			
Slate & Shells			1867	2350			
Coffee Shale			2350	2377			
Berea Sand			2377	2462			
Gray Shale			2462	2485			
Brown Shale			2485	2565			
White Slate			2565	2760			
Brown Shale			2760	2905			
Gray Shale			2905	2975			
Brown Shale			2975	3260			
Total Depth			3275	3275			
			SSO	SSO			
			T8T	T8T			
			T1E	T1E			
			T18	T1E			
			18	T18			
			5E	18			
			3	5E			
			0	3			

08/18/2023

Date Feb. f20, 19 59

APPROVED UNITED FUEL GAS CO. Owner

By S. R. Farrell (Title)

Supt., Civil Engineering Dept.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 35

UNIONED FUEL GAS CO.

SEP 150

Quadrangle Naugatuck

Permit No. WAY-1092

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Co.
Address P.O. Box 1273; Charleston 25, W.Va.
Farm United Fuel Gas Co. Fee Acres 6473
Location (waters) Drag Creek
Well No. 8660 Elev. 1186.94
District Lincoln County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by United Fuel Gas Co.
Address Charleston, W.Va.
Drilling commenced 9-12-58
Drilling completed 9-22-58
Date Shot 1-8-59 From 2490 To 3275
With 8000# Gelatin
Open Flow 5 /10ths Water in 1 Inch
3 /10ths Merc. in 2 Inch
Volume 97,000; Berea - 24M; Shale 73 M Cu. Ft.
Rock Pressure 280 lbs. 48 hrs.
Oil 260 bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

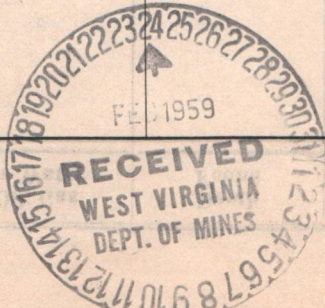
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Hookwall
13 3/8		26	
10 3/4		600	Size of
8 1/4			3 1/2" x 7" x 16"
7 5/8		1644	Depth set
5 3/16			2420'
3 1/2		2959	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT <u>176</u> FEET <u>60</u> INCHES			
<u>268</u>	FEET	<u>60</u>	INCHES
	FEET		INCHES

RESULT AFTER TREATMENT _____
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water 181 Feet Salt Water 1085 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	3			
Clay			3	26			Reduced hole from 10" to 8" at 1345'
Sand			26	78			
Slate			78	118			Gas 2381-2386' 4/10 W 1" 21 M
Sand			118	176			
Coal			176	181			Show oil 2381-2386'
Slate			181	220			
Sand			220	268			Gas 3179' 10/10 W 1" 33 M
Coal			268	273			
Slate			273	354			Test before shot 6/10 W 1" 26 M
Sand			354	420			Shot 1-8-59 with 8000# Gelatin from 2490-3275'
Slate			420	477			Test 1 hr. after shot 70/10 W 2" 353 M
Sand			477	515			Test 18 hrs. after shot 4/10 W 2" 84 M
Slate & Shells			515	558			
Sand			558	592			
Slate & Shells			592	735			Test after tubed 5/10 W 1" 24 M - Berea
Sand			735	755			3/10 W 2" 73 M - Shale
Slate			755	800			
Sand			800	842			
Slate & Shells			842	868			
Sand			868	952			Shut in 1-12-59 in 3 1/2" tubing.
Slate			952	1050			
Salt Sand			1050	1180			
Black Lime			1180	1247			
Sand			1247	1260			
Slate			1260	1315			
Maxon Sand			1315	1370			
Black Lime			1370	1403			
Slate & Shells			1403	1477			
Red Rock			1477	1487			

08/18/2023



(over)

UNITED FUEL GAS COMPANY

COMPANY

SERIAL WELL NO. 8660

LEASE NO. Deed 35723

MAP SQUARE 18-33

RECORD OF WELL NO. <u>8660</u> on the	CASING AND TUBING				TEST BEFORE SHOT
United Fuel Gas Co. farm of <u>6473</u> Acres	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	<u>6</u> /10 of Water in <u>1"</u> inc
in <u>Lincoln</u> District	<u>13-3/8"</u>	<u>48#</u>	<u>26'</u>	<u>26'</u>	/10 of Merc. in.....inc
<u>Wayne</u> County	<u>10-3/4"</u>	<u>40#</u>	<u>555'</u>	<u>555'</u>	Volume <u>26</u> MCF.....Cu. f
State of: <u>West Virginia</u>	<u>10-3/4"</u>	<u>32#</u>	<u>52'</u>	<u>52'</u>	TEST AFTER SHOT
Field: <u>Central Division</u>	<u>7"</u>	<u>20#</u>	<u>1656'</u>	<u>1656'</u>	Shale <u>3</u> /10 of Water in <u>2"</u> inc
Rig Commenced <u>September 12,</u> 1958	<u>3-1/2"</u>	<u>9#</u>	<u>2975'</u>	<u>2975'</u>	Berea <u>5</u> /10 of Merc. in <u>1"</u> inc
Rig Completed <u>September 22,</u> 1958					Shale <u>73</u> MCF
Drilling Commenced <u>October 7,</u> 1958					Volume <u>Berea 24</u> MCF.....Cu. f
Drilling Completed <u>January 6,</u> 1959					After Tubing Hours After Sho
Drilling to cost _____ per foot					Rock Pressure <u>Tub. 280#</u> <u>Csg. 280# 48</u> P
Contractor is: <u>Emery Woodall</u>					Date Shot <u>1-8-59</u>
Address: <u>Hamlin, W. Va.</u>					<u>8000# Ind. Gelatin</u>
					Size of Torpedo.....
					SHUT IN
					Date <u>1-12-59</u>
Driller's Name <u>Clate Burton</u>	<u>3-1/2"</u> in.	<u>Tubing</u>	<u>Tubing or</u>	<u>Casing</u>	Oil Flowed.....bbls. 1st 24 hrs
<u>Clifford Sailmons</u>	Size of Packer <u>3-1/2" X 7"</u>				Oil Pumped.....bbls. 1st 24 hrs
	Kind of Packer <u>Hookwall</u>				Well abandoned and
	1st. Perf. Set.....from.....				Plugged.....19
Elevation: <u>1186.74'</u>	2nd Perf. Set.....from.....				

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Top Soil	0	3	3	
Clay	3	26	23	
Sand	26	78	52	
Slate	78	118	40	
Sand	118	176	58	
Coal	176	181	5	
Slate	181	220	39	Water @ 181' - 1 BPH
Sand	220	268	48	
Coal	268	273	5	
Slate	273	354	81	
Sand	354	420	66	
Slate	420	477	57	
Sand	477	515	38	
Slate & Shells	515	558	43	
Sand	558	592	34	
Slate & Shells	592	735	143	
Sand	735	755	20	

APPROVED

[Signature]
DIVISION SUPERVISOR

08/18/2023

SERIAL WELL NO. 8660LEASE NO. Deed 35723MAP SQUARE 18-33

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate	755	800	45	
Sand	800	842	42	
Slate & Shells	842	868	26	
Sand	868	952	84	
Slate	952	1050	98	
Salt Sand	1050	1180	130	Water @ 1085' - Hole Full
Black Lime	1180	1247	67	
Sand	1247	1260	13	
Slate	1260	1315	55	
Maxon Sand	1315	1370	55	
Black Lime	1370	1403	33	
Slate & Shells	1403	1477	74	
Red Rock	1477	1487	10	
Slate	1487	1498	11	
Red Rock	1498	1517	19	
Slate	1517	1526	9	
Hard Shell	1526	1533	7	
Slate	1533	1555	22	
Red Rock	1555	1564	9	
Slate	1564	1591	27	
Little Lime	1591	1617	26	
Pencil Cave	1617	1622	5	
Big Lime	1622	1810	188	
Keener Sand	1810	1828	18	
Red Injun	1828	1867	39	
Slate & Shells	1867	2350	483	
Coffee Shale	2350	2377	27	
Berea Sand	2377	2462	85	Gas @ 2381'-2386' - 1/10 W-1"
Gray Shale	2462	2485	23	Show of Oil @ 2381'-2386'
Brown Shale	2485	2565	80	
White Slate	2565	2760	195	
Brown Shale	2760	2905	145	
Gray Shale	2905	2975	70	
Brown Shale	2975	3260	285	Gas @ 3179' - 10/10 W-1"
White Slate	3260	3275	15	When drilling completed 5/10 W-1"
TOTAL DEPTH	3275'			

Devonian Shale - 2462' to 3275'

Total Shale - 813'

no sand logged

no electric log

Mary S. Friend
Geologist

08/18/2023

January 8, 19 59

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

Well No. 8660 (Serial No.) on U.F.G. Co. Mineral Farm

Was shot this date with 8000# Ind. Gelatin quarts

Number of Shells 80

Length of Shells 5 1/2" X 10"

Top of Shot 2490'

Bottom of Shot 3275'

Top of Brown Shale Sand 2485 feet
(Name of Sand)

Bottom of White Slate Sand 3275 feet
(Name of Sand)

Total Depth of Well 3275'

Results: After Tubing - Shale 3/10 W-2" - 73 MCF
Berea 5/10 W-1" - 24 MCF

Remarks:

Signed [Signature] District Supt.

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

08/18/2023

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:

APR 6 1985

APR 5 1982

OIL & GAS DIVISION
DEPT. OF MINES

1.0 API well number: (If not assigned, leave blank 14 digits.)	<u>- 47-099 - 01098</u>				
2.0 Type of determination being sought (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA	_____ Category Code			
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above)	<u>N/A</u> feet				
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)	Columbia Gas Transmission Corporation Name P. O. Box 1273 Street Charleston City		WV State	004030 Seller Code 25325 Zip 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>WV</u> State				
(b) For OCS wells	<u>N/A</u> Area Name Date of Lease Mo. Day Yr. Block Number OCS Lease Number				
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>TCO FCC</u> <u>808660</u>				
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)	<u>N/A</u>				
6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)	* Name		004030 Buyer Code		
(b) Date of the contract:	_____ Mo. Day Yr. *				
(c) Estimated total annual production from the well	<u>7</u> Million Cubic Feet				
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	\$/MMBTU	(a) Base Price _____-	(b) Tax _____-	(c) All Other Prices (Indicate (+) or (-).) _____-	(d) Total of (a), (b) and (c) _____-
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	\$/MMBTU	<u>3.281</u>	_____-	_____-	_____-
9.0 Person responsible for this application:	Albert H. Mathena, Jr., Director, Production Eng.				
Agency Use Only	Name				
Date Received by Juris Agency	<u>Albert H. Mathena Jr.</u> Signature				
Date Received by FERC	<u>3-25-82</u> Date Application is Completed		(304) 346-0951 Phone Number		

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

08/18/2023

PARTICIPANTS:

DATE: AUG 19 1982

BUYER-SELLER CODE

WELL OPERATOR: Columbia Gas Transmission

004030

FIRST PURCHASER: *

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
82-04-05-108-099-1092
 Use Above File Number on all Communications
 Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO.
1. FERC -121 Items not completed - Line No. 7.0 abcd 8.0 bcd
 2. IV-1 Agent James L. Weekley
 3. IV-2 Well Permit _____
 4. IV-6 Well Plat
 5. IV-35 Well Record Drilling Deepening _____
 6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
 7. IV-39 Annual Production 4 years
 8. IV-40 90 day Production _____ 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: 10-7-58 Date completed 1-6-59 Deepened _____
 - (5) Production Depth: 3179
 - (5) Production Formation: White Slate
 - (5) Final Open Flow: Shale 73 mcf Berea 24 mcf
 - (5) After Frac. R. P. Tub 260 # Csg 280 # 48 hr
 - (6) Other Gas Test: _____
 - (7) Avg. Daily Gas from Annual Production: $\frac{7009}{365} = 19.2$ mcf no oil
 - (8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{1885}{91} = 20.7$ mcf no oil
 - (8) Line Pressure: _____ PSIG from Daily Report
 - (5) Oil Production: _____ From Completion Report _____
 - 17. Does lease inventory indicate enhanced recovery being done No
 - 17. Is affidavit signed? Notarized?
 - Official well record with the Department confirm the submitted information? No 08/18/2023
 - Additional information _____ Does computer program confirm? _____
 - Determination Objected to _____ By Whom? _____

HHH

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.

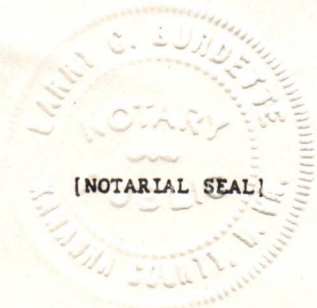
STATE OF WEST VIRGINIA,

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 25 day of March, 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 25 day of March, 1982

My term of office expires on the 13 day of August, 1987



Larry G. Burdette
Notary Public

08/18/2023

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

Date _____ 19__

Operator's Well No. 808660

API Well No. 47 - 099 - 01092
State County Permit

WELL CLASSIFICATION FOR

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT James L. Weekley

ADDRESS P. O. Box 1273
Charleston, WV 25325

WELL OPERATOR Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273

Charleston, WV 25325

GAS PURCHASER NA

ADDRESS _____

LOCATION: Elevation 1186

Watershed _____

Dist. Lincoln County Wayne Quad. _____

Gas Purchase Contract No. NA

Meter Chart Code _____

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

James L. Weekley



08/18/2023

Operator's Well No. 808660
API Well No. 47 - 099 - 01092
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 _____

Name of First Purchaser NA*

(Street or P. O. Box)
(City) (State) (Zip Code)

FERC Seller Code NA* FERC Buyer Code NA*

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 108 Section of NGPA _____ Category Code _____
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well. _____

Production Engineering

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

Albert H. Mathena, Jr., Director-
Name (Print) Title
Albert H. Mathena, Jr.
Signature
P. O. Box 1273
Street or P. O. Box
Charleston, W. Va. 25325
City State (Zip Code)
(304) 346-0951
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

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

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

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

The Department of Mines has received a request, for certification of the above described well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1975 (NGPA); 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 105 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

APR 5 1982

[Signature]
Director

Date received by _____
Jurisdictional Agency

By _____
Title 08/18/2023

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:

JUN 12 1985

RECEIVED

JUN 15 1982

<p>1.0 API well number: (If not assigned, leave blank 14 digits.)</p>	<p><u>47-099-01092-</u></p>				
<p>2.0 Type of determination being sought (Use the codes found on the front of this form.)</p>	<p><u>107DV</u> Section of NGPA</p>		<p><u>-</u> Category Code</p>		
<p>3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p><u>3275</u> feet</p>				
<p>4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)</p>	<p>Columbia Gas Transmission Corporation Name P. O. Box 1273 Street Charleston City</p>			<p><u>004030</u> 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</p>		<p><u>WV</u> <u>25325</u> State Zip Code</p>		
<p>(b) For OCS wells</p>	<p><u>NA</u> Area Name</p>		<p><u>WV</u> State</p>		
<p>(c) Name and identification number of this well (35 letters and digits maximum.)</p>	<p><u>TCO Fee</u></p>		<p><u>808660</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><u>*</u> Name</p>			<p><u>004030</u> Buyer Code</p>	
<p>(b) Date of the contract:</p>	<p><u> </u> * Mo. Day Yr.</p>				
<p>(c) Estimated total annual production from the well</p>	<p><u>7</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.</p>				
<p>Agency Use Only</p>	<p>Name</p>				
<p>Date Received by Juris. Agency</p>	<p><u>Albert H. Mathena Jr</u> Signature</p>				
<p>Date Received by FERC</p>	<p><u>6-9-82</u> Date Application is Completed</p>		<p><u>(304) 346-0951</u> Phone Number</p>		

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

08/18/2023

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's
Well No. 808660

API Well No.

47 - 099 - 01092
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 1186.94'
Watershed _____

WELL OPERATOR Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273
Charleston, WV 25325

Dist. Lincoln County Wayne Quad.

Gas Purchase
Contract No. N.A.

GAS PURCHASER N.A.

ADDRESS _____

Meter Chart Code _____

Date of Contract N.A.

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

Date surface drilling began: 10-7-1958

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 9 day of June, 19 82, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 9 day of June, 19 82.
My term of office expires on the 13 day of August, 19 89.

08/18/2023

Larry G Burdette
Notary Public

(NOTARIAL SEAL)

1911

08/18/2023





Wayne - 1092

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

WALTER N. MILLER
DIRECTOR

FREDERICK 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.

08/18/2023

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:  08/18/2023
Theodore M. Streit, Administrator

REPORT DATE FEB 16, 1982
 REPORT TIME 13.31

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

PAGE 4360

API WELL NO. 47-099-01092

WELL NUMBER : 808660G
 FARM NAME : TCO FEE

PRODUCING UNIT	STATE	LEASE	MEAS. STA. NUMBER	WELL COUNT	THREE MONTH MCF/DAY	DATE MMY	DAYS ON LINE	VOLUME -100- PERCENT	MCF/DAY -100- PERCENT	LINE PRES. PSIA
808660G	WV	35723		1.000000	20.0	1278	30	602	20.1	67
808660G				1.000000		1178	31	617	19.9	72
808660G				1.000000		1078	30	601	20.0	71
808660G				1.000000		0978	29	576	19.9	73
808660G				1.000000		0878	31	616	19.9	63
808660G				1.000000		0778	30	604	20.1	57
808660G				1.000000		0678	31	627	20.2	58
808660G				1.000000		0578	30	609	20.3	52
808660G				1.000000		0478	31	628	20.3	50
808660G				1.000000		0378	28	561	20.0	35
808660G				1.000000		0278	31	606	19.5	44
808660G				1.000000		0178	31	594	19.2	54

08/18/2023

REPORT DATE FEB 16, 1982
REPORT TIME 15.28

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

PAGE 4360

API WELL NO. 47-099-01092

WELL NUMBER : 808660G
FARM NAME : TCO FEE

PRODUCING UNIT	STATE	LEASE	MEAS. STA. NUMBER	WELL COUNT	THREE MONTH MCF/DAY	DATE MMY	DAYS ON LINE	VOLUME -100- PERCENT	MCF/DAY -100- PERCENT	LINE PRES. PSIA
808660G	WV	35723		1.000000	19.8	1279	30	600	20.0	59
808660G				1.000000		1179	31	612	19.7	70
808660G				1.000000		1079	28	550	19.6	72
808660G				1.000000		0979	31	614	19.8	67
808660G				1.000000		0879	31	623	20.1	71
808660G				1.000000		0779	30	598	19.9	70
808660G				1.000000		0679	31	621	20.0	71
808660G				1.000000		0579	30	591	19.7	61
808660G				1.000000		0479	31	614	19.8	58
808660G				1.000000		0379	28	558	19.9	45
808660G				1.000000		0279	31	622	20.1	47
808660G				1.000000		0179	31	623	20.1	59

08/18/2023

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

WELL NUMBER : 808660G
 FARM NAME : TCO FEE

REPORT DATE FEB 16, 1982
 REPORT TIME 14.08

PRODUCING UNIT	STATE	LEASE	MEAS. STA. NUMBER	WELL COUNT	THREE MONTH MCF/DAY	DATE MMY	DAYS ON LINE	VOLUME -100- PERCENT	MCF/DAY -100- PERCENT	LINE PRES. PSIA
808660G	WV	35723		1.000000	19.8	1280	30	596	19.9	58
808660G				1.000000		1180	9	178	19.8	60
808660G				1.000000		1080	0	0	0	0
808660G				1.000000		0980	0	0	0	0
808660G				1.000000		0880	0	0	0	0
808660G				1.000000		0780	0	0	0	0
808660G				1.000000		0680	17	334	19.6	62
808660G				1.000000		0580	30	594	19.8	64
808660G				1.000000		0480	31	616	19.9	54
808660G				1.000000		0380	29	577	19.9	53
808660G				1.000000		0280	26	519	20.0	58
808660G				1.000000		0180	31	622	20.1	58

*Compressor Down
 off to manage supply*

Handwritten notes, possibly including the words "substance" and "unsubstantiated".

Handwritten text, possibly a date or reference number.

08/18/2023

REPORT DATE FEB 16, 1982
REPORT TIME 14.57

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

PAGE 4262

API WELL NO. 47-099-01092

WELL NUMBER : 808660G
FARM NAME : YCO FEE

PRODUCING UNIT	STATE	LEASE	MEAS. STA. NUMBER	WELL COUNT	THREE MONTH MCF/DAY	DATE MMY	DAYS ON LINE	VOLUME -100- PERCENT	MCF/DAY -100- PERCENT	LINE PRES. PSIA
808660G	WV	35723		1.000000	20.7	1281	30	618	20.6	57
808660G				1.000000		1181	31	638	20.6	62
808660G				1.000000		1081	30	629	21.0	65
808660G				1.000000		0981	31	644	20.8	73
808660G				1.000000		0881	31	646	20.8	72
808660G				1.000000		0781	30	617	20.6	62
808660G				1.000000		0681	31	629	20.3	64
808660G				1.000000		0581	30	613	20.4	60
808660G				1.000000		0481	31	626	20.2	58
808660G				1.000000		0381	28	112	4.0	57
808660G				1.000000		0281	31	619	20.0	54
808660G				1.000000		0181	31	618	19.9	57

$\frac{1885}{91} = 20.7$

$\frac{7009}{365} = 19.2$

08/18/2023

REPORT DATE MAR 25, 1982
REPORT TIME 10.26

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

PAGE1280

API WELL NO. 47-099-01092

WELL NUMBER : 808660G
FARM NAME : TCO FEE

PRODUCING UNIT
808660G
808660G

STATE WV
LEASE 35723

MEAS. STA. NUMBER

WELL COUNT
1.000000
1.000000

THREE MONTH MCF/DAY
15.0

DATE MMY
0282
0182

DAYS ON LINE
31
31

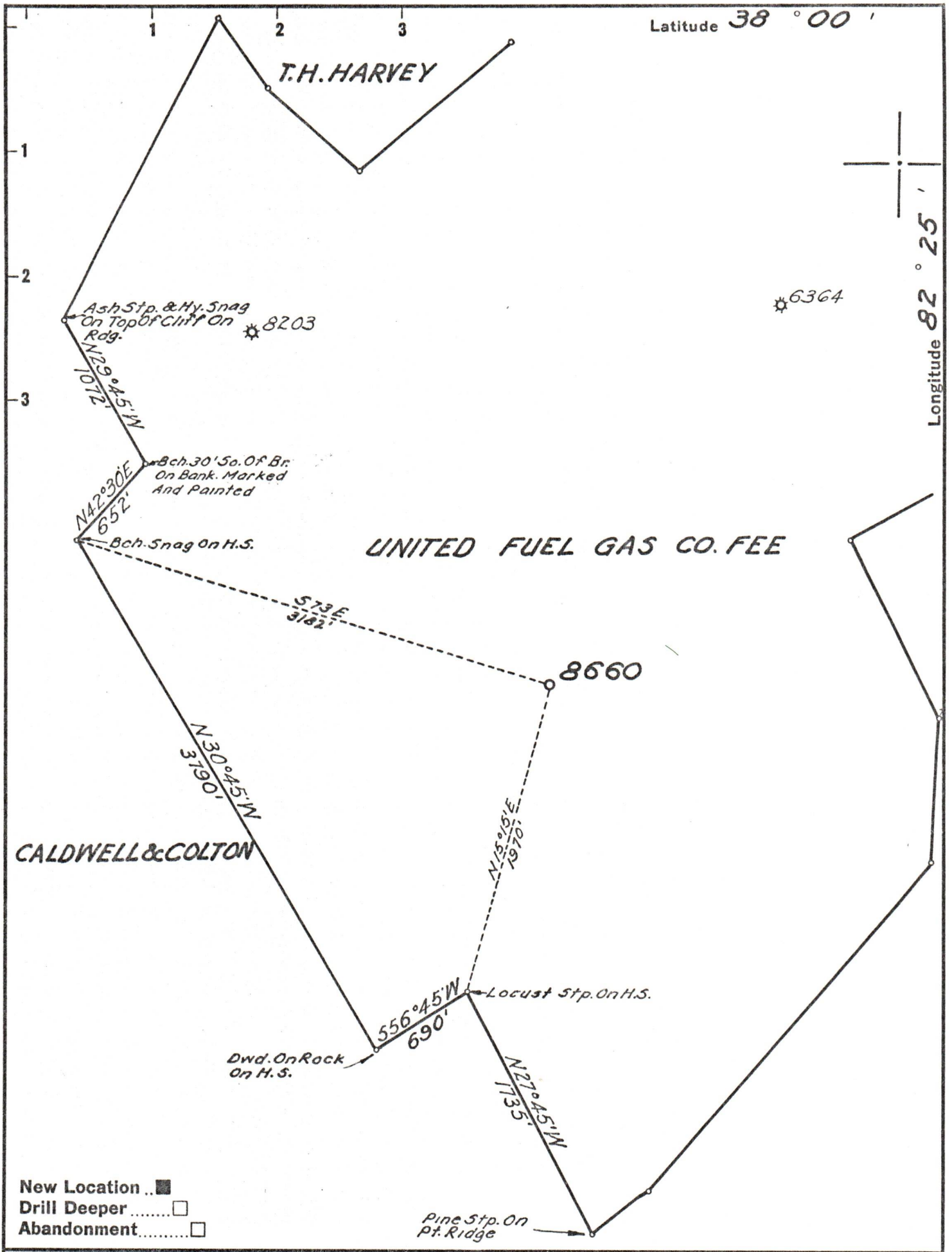
VOLUME -100- PERCENT
128
638

MCF/DAY -100- PERCENT
4.1
20.6

LINE PRES. PSIA
53
53

08/18/2023

08/18/2023



Company UNITED FUEL GAS

Address CHARLESTON, W. VA.

Farm UNITED FUEL GAS CO.

Tract _____ Acres 6473 DEED Lease No. 35723

Well (Farm) No. _____ Serial No. 8660

Elevation (Spirit Level) 1186.94'

Quadrangle NAUGATUCK

County WAYNE District LINCOLN

Engineer Hubert R. Merrill

Engineer's Registration No. 2529

File No. 18-33 Drawing No. _____

Date 4-29-58 Scale 1" = 800'

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

WELL LOCATION MAP

FILE NO. WAY-1092

08/18/2023

+ 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.