



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.

_____	<u>United Fuel Gas Company</u>
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
_____	<u>Charleston, W. Va.</u>
ADDRESS	COMPLETE ADDRESS
_____	<u>January 20,</u> _____, 19 <u>58</u>
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATION
_____	<u>Grant</u> _____ District
ADDRESS	<u>Wayne</u> _____ County
<u>United Fuel Gas Co.</u>	Well No. <u>8601</u> <i>Lat. 38° 05'</i>
OWNER OF MINERAL RIGHTS	<i>Lon. 82° 10' Elev. 770.68'</i>
<u>Charleston, W. Va.</u>	<u>United Fuel Gas Co. Mineral Tract # 1</u>
ADDRESS	_____

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 Dec. 26, 1946, made by Huntington Development & Gas Co., to United Fuel Gas Co., and recorded on the 27th day of December, 1946, in the office of the County Clerk for said County in Book 234, page 318.

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

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

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

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

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ 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,

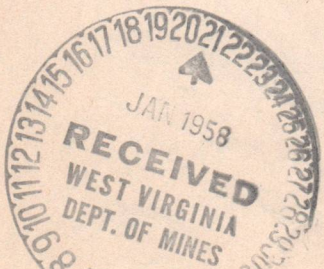
UNITED FUEL GAS COMPANY
WELL OPERATOR

P. O. Box 1273
STREET

Charleston 25
CITY OR TOWN

West Virginia
STATE

08/18/2023



Address of Well Operator }

*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.

1068



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

January 21, 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 four applications to drill wells in your district. Three applications are from United Fuel Gas Company to drill Well No. 8598 on United Fuel Gas Co. Fee Tract, Butler District, Wayne County. Permit number will be WAY-1067. Well No. 8601 on United Fuel Gas Co, Min Tr. #1, Grant District, Wayne County. Permit number will be WAY-1068. Well No. 8602 on United Fuel Gas Co. Min. Tr. #1, Grant District, Wayne County - permit WAY-1069.

The fourth application is from Clifford Mills & Jack Dyer to drill Well No. 2 on P. O. Fiedler Farm, Butler District, Wayne County, permit number will be WAY-1070.

Very truly yours,

Director
OIL AND GAS DIVISION

RFT/dm

08/18/2023



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

January 21, 1928

Mr. Ivan T. Benson, Inspector
Oil & Gas Wells
231 James Court
Huntington, West Virginia

Dear Mr. Benson:

We are in receipt of four applications for drilling wells in your district. Three applications are from United Fuel Gas Company to drill well No. 8293 on United Fuel Gas Co. tract, Butler District, Wayne County. Permit number will be WY-1067. Well No. 8081 on United Fuel Gas Co. tract, Grant District, Wayne County. Permit number will be WY-1068. Well No. 8002 on United Fuel Gas Co. tract, Grant District, Wayne County - permit WY-1069.

The fourth application is from Clifford Miller & Jack Over to drill well No. 2 on E. O. Fisher tract, Butler District, Wayne County. Permit number will be WY-1070.

Very truly yours,

Director
OIL AND GAS DIVISION

HPT/da

COPY

Formation	Color	Hard or Soft	Top ³³	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shell			1875	1970			
Slate & Shells			1970	2165			
Brown Shale			2165	2180			
Berea Sand			2180	2195			
Slate & Shells			2195	2600			
Brown Shale			2600	2750			
Gray Shale			2750	3010			
Brown Shale			3010	3265			
Slate			3265	3281			
Total Depth			3281	3281			

08/18/2023

Date February 20, 19 59
 APPROVED UNITED FUEL GAS COMPANY, Owner
 By S. P. Ferrell
 (Title)
 Supt., Civil Engineering Dept.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

LEIPOLD 50

Quadrangle Midkiff

Permit No. WAY-1068

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. Min. Tr. #1 Acres 40,068.57
Location (waters) Kiah Creek
Well No. 87 8601 Elev. 770.68
District Grant 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 4-16-58
Drilling completed 6-27-58
Date Shot 6-30-58 From 2350 To 3281
With 9600# DuPont Gelatin
Open Flow 16 /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 169,000 - Br. Shale Cu. Ft.
Rock Pressure 485 lbs. 48 hrs.
Oil _____ 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			Size of _____
10 3/4		24	2-3/8" x 7" x 16"
8 5/8		327	Depth set _____
7 7/8		1401	2239'
5 3/16			Perf. top _____
3			Perf. bottom _____
2 3/8		3178	Perf. top _____
Liners Used			Perf. bottom _____

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

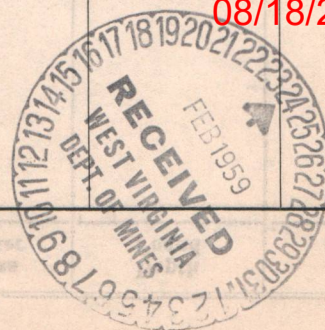
RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 45 Feet Salt Water 878 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	5			
Blue Mud			5	21	Show gas	1525'	
Sand			21	60			
Slate			60	107	Show oil	2190'	
Sand			107	165			
Slate			165	225	Show gas	2600'	
Sand			225	240			
Slate			240	271	Gas	3000' 2/10 W 1" 15 M	
Sand			271	305			
Slate & Shells			305	440	Gas	3185' 8/10 W 1" 30 M	
Sand			440	520			
Slate			520	595			
Sand			595	705	Test before shot	4/10 W 1" 21 M	
Slate			705	779	Test 1 hr. after shot	16/10 Merc. 24	
Salt Sand			779	933	622 M		
Lime Shells			933	957	Test 20 hrs. after shot	16/10 W 2" 169 M	
Salt Sand			957	980			
Slate & Shells			980	1120			
Salt Sand			1120	1350			
Slate			1350	1355			
Little Lime			1355	1378	Shut in	7-2-58 in 2-3/8" casing.	
Pencil			1378	1381			
Big Lime			1381	1393			
Break			1393	1398			
Big Lime			1398	1586			
Red Rock			1586	1623			
Injun Sand			1623	1650			
Slate			1650	1680			
Shell			1680	1700			
Slate & Shells			1700	1875			

08/18/2023



(over)

UNITED FUEL GAS
COMPANY

SERIAL WELL NO. 8601 LEASE NO. No Ref. MAP SQUARE 28-35

RECORD OF WELL NO. <u>8601</u> on the	CASING AND TUBING				TEST BEFORE SHOT
UFG Co. Min. Tr. # <u>1</u> farm of <u>40,068.57</u> Acres	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	<u>4</u> /10 of Water in <u>1"</u> inch
in <u>Grant</u> District	<u>10-3/4"</u>	<u>32#</u>	<u>24'</u>	<u>24'</u>	/10 of Merc. in _____ inch
<u>Wayne</u> County	<u>8-5/8"</u>	<u>24#</u>	<u>331'</u>	<u>331'</u>	Volume <u>21 MCF</u> Cu. ft.
State of: <u>West Virginia</u>	<u>7"</u>	<u>20#</u>	<u>1412'</u>	<u>1412'</u>	TEST AFTER SHOT
Field: <u>Central Division</u>	<u>2-3/8"</u>	<u>4#</u>	<u>3195'</u>	<u>3195'</u>	<u>16</u> /10 of Water in <u>2"</u> inch
Rig Commenced <u>By Contractor</u> 19					/10 of Merc. in _____ inch
Rig Completed <u>By Contractor</u> 19					Volume <u>169 MCF</u> Cu. ft.
Drilling Commenced <u>April 16,</u> 19 <u>58</u>					<u>20</u> Hours After Shot
Drilling Completed <u>June 27,</u> 19 <u>58</u>					Rock Pressure <u>48 Hr. 485#</u>
Drilling to cost _____ per foot					Date Shot <u>6-30-58</u>
Contractor is: <u>Donahue Brothers</u>					<u>9600# Dupont Gelatin</u> Size of Torpedo _____
Address: <u>Branchland, W. Va.</u>	SHUT IN				Oil Flowed _____ bbls. 1st 24 hrs.
	Date <u>7-2-58</u>				Oil Pumped _____ bbls. 1st 24 hrs.
Driller's Name <u>Clay Wade</u>	<u>2-3/8"</u> in. Tubing	Tubing or Casing			
<u>Bernie Brock</u>	Size of Packer <u>2-3/8" X 7"</u>				Well abandoned and
<u>Gail Dial</u>	Kind of Packer <u>Hookwall</u>				Plugged _____ 19 _____
	1st. Perf. Set _____ from _____				
Elevation: <u>770.68'</u>	2nd Perf. Set _____ from _____				

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	0	5	5	
Blue Mud	5	21	16	
Sand	21	60	39	
Slate	60	107	47	
Sand	107	165	58	
Slate	165	225	60	
Sand	225	240	15	
Slate	240	271	31	
Sand	271	305	34	
Slate & Shells	305	440	135	
Sand	440	520	80	Hole full of water @ 457'
Slate	520	595	75	
Sand	595	705	110	
Slate	705	779	74	
Salt Sand	779	933	154	Salt water @ 878'
Lime Shells	933	957	24	
Salt Sand	957	980	23	

APPROVED

D. B. De Haven
DIVISION SUPERINTENDENT

08/18/2023

SERIAL WELL NO. 8601

LEASE NO. No Ref.

MAP SQUARE 28-35

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate & Shells	980	1120	140	
Salt Sand	1120	1350	230	
Slate	1350	1355	5	
Little Lime	1355	1378	23	
Pencil	1378	1381	3	
Big Lime	1381	1393	12	
Break	1393	1398	5	
Big Lime	1398	1586	188	Show of gas @ 1525'
Red Rock	1586	1623	37	
Injun Sand	1623	1650	27	
Slate	1650	1680	30	
Shell	1680	1700	20	
Slate & Shells	1700	1875	175	
Shell	1875	1970	95	
Slate & Shells	1970	2165	195	
Brown Shale	2165	2180	15	
Berea Sand	2180	2195	15	Show of oil @ 2190'
Slate & Shells	2195	2600	405	Show of Gas @ 2600'
Brown Shale	2600	2750	150	
Gray Shale	2750	3010	260	Gas @ 3000' 2/10 W-1"
Brown Shale	3010	3265	255	Gas @ 3185' 8/10 W-1"
Slate	3265	3281	16	
TOTAL DEPTH	3281			
<i>Devonian Shale 2145-3281 986' thickness</i>				
<i>No sand logged</i>				
<i>James E. Thompson II</i>				
<i>Geologist</i>				

08/18/2023

June 30, 19 58

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

Well No. 8601 (Serial No.) on U.F.G. Co. Min. Tr. #1 Farm

Was shot this date with 9600# Dupont Gelatin quarts

Number of Shells 96

Length of Shells 5"X10"

Top of Shot 2350'

Bottom of Shot 3281'

Top of Slate & Shells Sand 2195 feet
(Name of Sand)

Bottom of Slate Sand 3281 feet
(Name of Sand)

Total Depth of Well 3281'

Results: 20 Hrs. after Shot - 16/10 W-2" - 169 MCF

Remarks:

Signed *B. B. Osborn* District Supt.
B.B.O.

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:

8010 89A

1.0 API well number: (If not assigned, leave blank - 14 digits.)	<u>- 45 - 099 - 01068</u>				
2.0 Type of determination being sought (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA	<u>—</u> Category Code			
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above)	<u>N/A</u> feet				
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)	Columbia Gas Transmission Corporation Name P. O. Box 1273 Street		004030 Seller Code		
	Charleston City	WV State	25325 Zip Code		
5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	<u>W Va field Area B</u>				
	Field Name <u>Wayne</u>		State <u>WV</u>		
(b) For OCS wells	<u>N/A</u>				
	Area Name		Block Number		
	Date of Lease				
	Mo. Day Yr.		OCS Lease Number		
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>TCO MIN TR #1 808601</u>				
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)	<u>N/A</u>				
6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)	*		004030 Buyer Code		
(b) Date of the contract:	* Mo. Day Yr.				
(c) Estimated total annual production from the well	<u>5</u> Million Cubic Feet				
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	S/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.)	S/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	Title				
APR 5 1982	<u>Albert H. Mathena</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

ARTICIFANTS:

DATE: AUG 19 1982

BUYER-SELLER CODE

WELL OPERATOR: Columbia Gas Trans Corp.

004030

FIRST PURCHASER: X

X

OTHER: _____

QUALIFIED

W. Va. Department of Mines, Oil & Gas Division

WELL DETERMINATION FILE NUMBER

820405-108-099-1068

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 4 + 2 Months years
- 8. IV-40 90 day Production 89 Days off line: _____
- 9. IV-48 Application for certification. Complete?
- 17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? Affidavit Signed
- 28. Other: Survey _____ Logs _____ Geological Charts _____
Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
Gas Analyses _____
- (5) Date commenced: 4-16-58 Date completed 6-27-58 Deepened _____
- (5) Production Depth: 3185, 3000
- (5) Production Formation: Brown Shale
- (5) Final Open Flow: 169 MCF
- (5) After Frac. R. P. 485# 48 hrs.
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: $\frac{5546}{363} = 15.3$ MCF
- (8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{1411}{89} = 15.9$ MCF
- (8) Line Pressure: NA PSIG from Daily Rep.
- 5) Oil Production: _____ From Completion Report _____
- 7. Does lease inventory indicate enhanced recovery being done NO
- 7. Is affidavit signed? Notarized?
- official well record with the Department confirm the submitted information? NO 08/18/2023
- ditional information _____ Does computer program confirm? _____
- 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 X . 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:

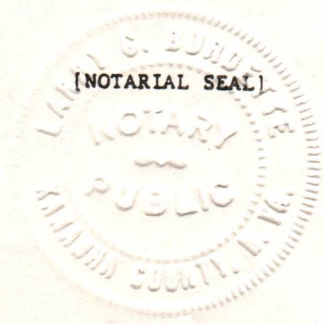
I, Larry G. Burdette, a Notary Public in and for the state and county aforesaid, do certify that Albert H. Mathena, Jr. whose name is signed to the writing above, bearing date the 25 day of March, 19 82 has acknowledged the same before me, in my county aforesaid.

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

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

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. 808601

API Well No. 67 - 099 - 01068

State _____ County _____ Permit _____

WELL CLASSIFICATION FORM

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 770

Watershed _____

Dist. Stone 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



Date 3-25, 19 82

Operator's Well No. 808601

API Well No. 47 - 099 - 01068
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.) 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 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

Date received by
Jurisdictional Agency

[Signature]
Director
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:

<p>1.0 API well number. (If not assigned, leave blank 14 digits.)</p>	<p style="font-size: 1.2em; margin: 0;">- 47 - 099 - 01068</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: 0.8em; margin: 0;">Section of NGPA</p>	<p style="font-size: 1.2em; margin: 0;">—</p> <p style="font-size: 0.8em; margin: 0;">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; margin: 0;">3281 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).)</p> <p>(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;">N/A</p> <p>Block Number</p> <p>Date of Lease</p> <p style="text-align: center;"> _ _ _ _ _ _ _ </p> <p style="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>TCO MIN TR-1</p> <p>808601</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;">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;">*</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="text-align: center;">Mo. Day Yr.</p> <p style="text-align: right;">*</p>			
<p>(c) Estimated total annual production from the well</p>	<p style="text-align: center;">5</p> <p style="text-align: right;">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="text-align: center;">- . - . - .</p>	<p>(b) Tax</p> <p style="text-align: center;">- . - . - .</p>	<p>(c) All Other Prices (Indicate (+) or (-).)</p> <p style="text-align: center;">- . - . - .</p>
<p>8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)</p>	<p>S/MMBTU</p>	<p>Dereg</p> <p style="text-align: center;">- . - . - .</p>	<p style="text-align: center;">- . - . - .</p>	<p style="text-align: center;">- . - . - .</p>
<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; margin: 0;">Albert H. Mathena</p> <p>Signature</p> <p style="font-size: 1.2em; margin: 0;">6-5-82</p> <p>Date Application is Completed</p> <p style="font-size: 1.2em; margin: 0;">(304) 346-0951</p> <p>Phone Number</p>			

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

08/18/2023

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 770.68

Watershed _____

Dist. GRANT County WAYNE Quad. MIDKIFF

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: 4/16/58

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

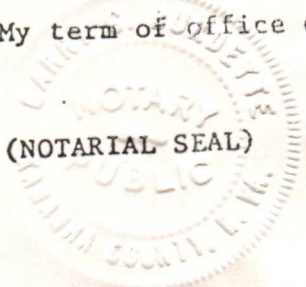
COUNTY OF KANAWHA, TO-WIT:

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.

08/18/2023

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.

Larry G Burdette
Notary Public

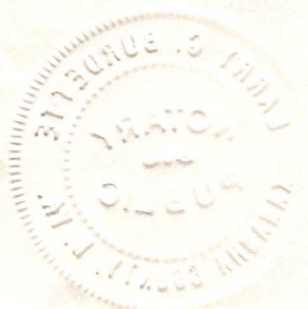


10-2-23

84010 PFO

Walter W. White

08/18/2023



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

Date 6-9, 1982

Operator's Well No. 808601

API Well No. 47 - 099 - 01068
State County Permit

Previous File No. _____
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

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 _____
Meter Chart Code _____
(Month, day and year)

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 1 Category Code _____
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

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

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

(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 15 1982

Date received by Jurisdictional Agency _____

By [Signature] Director
Title _____

08/18/2023



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.

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

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

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

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

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

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

CONCLUSION OF LAW

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

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

ORDER

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

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

Entered this 12th day of July, 1983.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

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

By: 

Theodore M. Streit, Administrator

08/18/2023

COLUMBIA GAS TRANSMISSION CORPORATION

WELL NO. 808601

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.)

= 499.7

= 0.7170

= 2816

STEPS:

$$PBH = 499.7 + 499.7 (E**0.0000347*2019.072 - 1.)$$

$$PBH = 499.7 + 499.7 (E**0.070062 - 1.)$$

$$PBH = 499.7 + 499.7 (1.07257 - 1.)$$

$$PBH = 499.7 + 499.7 (0.073)$$

$$PBH = 499.7 + 36.3$$

$$PBH = 536.0 \quad (PSIA)$$

UNIVERSITY OF CALIFORNIA
LIBRARY

NO. 1000

THE UNIVERSITY OF CALIFORNIA
LIBRARY

UNIVERSITY OF CALIFORNIA
LIBRARY

08/18/2023

REPORT DATE FEB 16, 1982
 REPORT TIME 13.31

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

PAGE 4338

API WELL NO. 47-099-01068

WELL NUMBER : 808601G
 FARM NAME : TCO MIN TR NO 1

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
808601G	WV	1E		1.000000	12.1	1278	30	495	16.5	90
808601G				1.000000		1178	31	103	3.3	94
808601G				1.000000		1078	30	502	16.7	99
808601G				1.000000		0978	31	527	17.0	99
808601G				1.000000		0878	29	497	17.1	95
808601G				1.000000		0778	12	208	17.3	105
808601G				1.000000		0678	31	0	.0	176
808601G				1.000000		0578	30	526	17.5	70
808601G				1.000000		0478	31	543	17.5	66
808601G				1.000000		0378	28	490	17.5	69
808601G				1.000000		0278	31	536	17.3	76
808601G				1.000000		0178	31	535	17.3	70

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 4338

API WELL NO. 41-099-01068

WELL NUMBER : 808601G
 FARM NAME : TCO MIN TR NO 1

PRODUCING UNIT STATE LEASE MEAS. STA. NUMBER

808601G WV 1E

WELL COUNT	THREE MONTH MCF/DAY	DATE MMY	DAYS ON LINE	VOLUME -100- PERCENT	MCF/DAY -100- PERCENT	LINE PRES. PSIA
1.0000000	11.7	1279	30	95	3.2	99
1.0000000		1179	31	491	15.8	101
1.0000000		1079	30	476	15.9	102
1.0000000		0979	29	463	16.0	103
1.0000000		0879	31	498	16.1	106
1.0000000		0779	30	480	16.0	92
1.0000000		0679	31	500	16.1	84
1.0000000		0579	30	484	16.1	90
1.0000000		0479	31	501	16.2	82
1.0000000		0379	28	91	3.3	90
1.0000000		0279	31	504	16.3	75
1.0000000		0179	31	507	16.4	89

08/18/2023

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

REPORT DATE FEB 16, 1982
REPORT TIME 14.08

API WELL NO.

47-099-01068

WELL NUMBER : 808601G
FARM NAME : TCO MIN TR NO 1

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
808601G	WV	1E		1.000000	14.9	1280	30	447	14.9	85
808601G				1.000000		1180	31	461	14.9	85
808601G				1.000000		1080	30	446	14.9	101
808601G				1.000000		0980	28	414	14.8	100
808601G				1.000000		0880	0	0	0	0
808601G				1.000000		0780	0	0	0	0
808601G				1.000000		0680	11	166	15.1	87
808601G				1.000000		0580	30	459	15.3	84
808601G				1.000000		0480	31	480	15.5	84
808601G				1.000000		0380	29	455	15.7	86
808601G				1.000000		0280	23	363	15.8	84
808601G				1.000000		0180	31	488	15.7	85

Compressor Down

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 4240

API WELL NO. 47-099-01068

WELL NUMBER : 88601G
 FARM NAME : 100 MIN TR NO 1

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
808601G	WV	1E		1.000000	15.9	1281	30	474	15.8	84
808601G				1.000000		1181	31	493	15.9	87
808601G				1.000000		1081	28	444	15.9	84
808601G				1.000000		0981	31	494	15.9	93
808601G				1.000000		0881	31	488	15.7	97
808601G				1.000000		0781	30	463	15.4	89
808601G				1.000000		0681	31	473	15.3	94
808601G				1.000000		0581	30	444	14.8	90
808601G				1.000000		0481	31	450	14.5	90
808601G				1.000000		0381	28	403	14.4	93
808601G				1.000000		0281	31	461	14.9	93
808601G				1.000000		0181	31	459	14.8	87

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

PAGE1269

API WELL NO. 47-099-01068

WELL NUMBER : 808601G
FARM NAME : TCO MIN TR NO 1

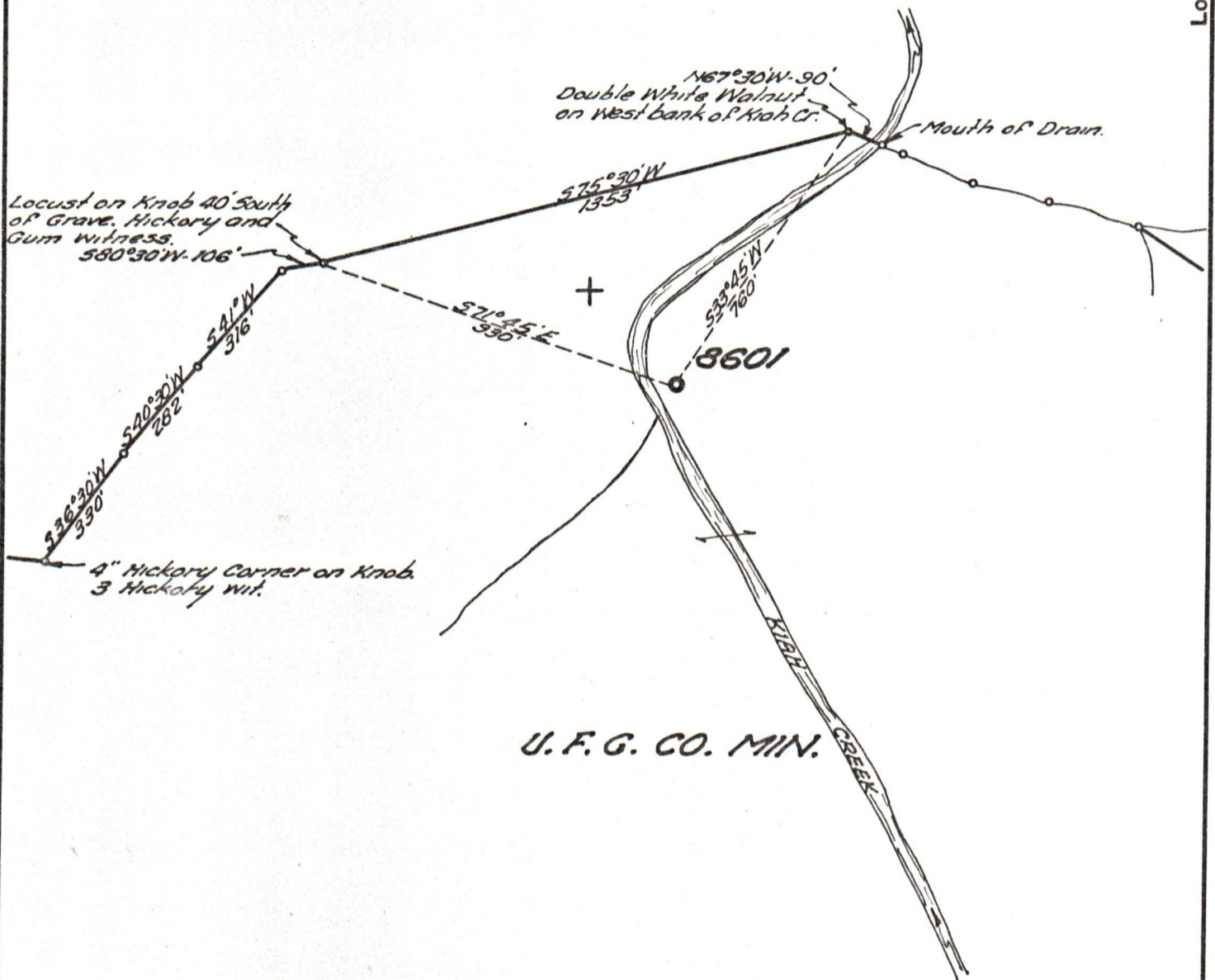
PRODUCING UNIT	STATE	LEASE	MEAS. STA. NUMBER	WELL COUNT	THREE MONTH MCF/DAY	DATE MMY	DAYS ON LINE	VOLUME -100- PERCENT	MCF/DAY -100- PERCENT	LINE PRES. PSIA
808601G	WV	1E		1.000000	15.9	0282	31	496	16.0	82
808601G				1.000000		0182	31	494	15.9	79

08/18/2023

Latitude 38° 05'

Longitude 82° 10'

U. F. G. CO. MIN.



U. F. G. CO. MIN.

- New Location
- Drill Deeper
- Abandonment

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm UNITED FUEL GAS CO. MIN.
 Tract 1 Acres 40068.57 Case No. NO REF.
 Well (Farm) No. _____ Serial No. 8601
 Elevation (Spirit Level) 770.68'
 Quadrangle MIDKIFF
 County WAYNE District GRANT
 Engineer Seybert R. Sherrill
 Engineer's Registration No. 2529
 File No. 28-35 Drawing No. _____
 Date 12-31-57 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. WAY-1068

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.