



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.

COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

United Fuel Gas Co.
OWNER OF MINERAL RIGHTS

Charleston, W. Va.
ADDRESS

United Fuel Gas Co.
NAME OF WELL OPERATOR

Charleston, W. Va.
COMPLETE ADDRESS

June 2, 19 58
PROPOSED LOCATION

Stonewall District

Wayne County

Well No. 8616 *Lat. 38° 15' Lon. 82° 15' Elev. 754.85*

United Fuel Gas Co. Min. Tr. #1 Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated December 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.

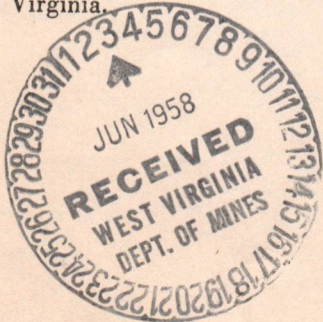
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting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



Address of Well Operator }

UNITED FUEL GAS COMPANY
WELL OPERATOR

P. O. Box 1273
STREET

Charleston 25
CITY OR TOWN

West Virginia
STATE

08/18/2023

*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.



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 CHARLESTON

June 13, 1958

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.	Firm	District
MIN-582	8627	Mingo Block Coal Company #4	Hardee
MIN-583	8683	Cotiga Development Co. #14	Hardee
WAY-1102	8616	United Fuel Gas Co. Min. Tr. #1	Stonewall
WAY-1103	8617	United Fuel Gas Co. Min. Tr. #1	Stonewall

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

Very truly yours,

Assistant Director
 OIL AND GAS DIVISION

MG/dm

encl:

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

Mr. R. C. Tucker, Assistant State Geologist

C
O
P
Y



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

June 12, 1932

United Fuel Gas Company
P. O. Box 1413
Charleston 25, West Virginia

Atty: Mr. Bernard Mason

Dear Sir:

Please find enclosed permits for drilling the following

wells:

Permit No.	Well No.	Owner	Location
100-1102	100-1102	United Fuel Gas Co.	St. Albans
100-1103	100-1103	United Fuel Gas Co.	St. Albans
100-1104	100-1104	United Fuel Gas Co.	St. Albans
100-1105	100-1105	United Fuel Gas Co.	St. Albans
100-1106	100-1106	United Fuel Gas Co.	St. Albans
100-1107	100-1107	United Fuel Gas Co.	St. Albans
100-1108	100-1108	United Fuel Gas Co.	St. Albans
100-1109	100-1109	United Fuel Gas Co.	St. Albans
100-1110	100-1110	United Fuel Gas Co.	St. Albans

Please pass one copy of each permit to the well sites.

Very truly yours,

Assistant Director
OIL AND GAS DIVISION

WJH
encl:

cc Mr. G. H. Samples, Inspector of Lamps

Mr. A. G. Tamm, Assistant State Geologist

COPY

Formation	Color	Hard or Soft	Top 36	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shell			1990	2035			
Shale			2035	2071			
Slate & Shells			2071	2321			
White Slate			2321	2671			
Brown Shale			2671	3095			
White Slate			3095	3024			
Total Depth			3204'				
			1782	1502			
			1782	1782			
			1012	1712			
			802	1012			
			894	802			
			822	894			
			282	822			
			230	282			
Black Slate			1712	230			
Sand			300	1712			
Slate			372	300			
Sand			300	372			
Slate			532	300			
Sand			530	537			
Slate			550	530			
Sand			105	550			
Sand			72	105			
Sand			70	72			
Sand			52	70			
Sand			72	52			
Sand			70	72			
Sand			0	70			

08/18/2023

Date Feb. 20, 19 59

APPROVED UNITED FUEL GAS CO., Owner

By S.A. Ferrell (Title)

Supt., Civil Engineering Dept.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

MAILED FEB 1959

SEP 50

Quadrangle Wayne

Permit No. WAY-1102

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 17,085.76
Location (waters) Left Fork Camp Creek
Well No. 8616 Elev. 754.85
District Stonewall 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 7-18-58
Drilling completed 10-12-58
Date Shot 9-15-58 From 2662 To 3024
With 8,800# DuPont Gelatin
Open Flow 8 /10ths Water in 2 Inch
4 /10ths Max. in 1 Inch
Volume 140,000 - 119 M Big Lm. & Injun Cu. Ft.
Rock Pressure 355 21 M Shale lbs. 48 hrs.
Oil 280 bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED _____

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 25 Feet Salt Water 720 Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Hookwall
13			Size of
10 3/4		19	2-3/8" x 7" x 16"
8 5/8		285	Depth set
7 1/2		1229	1998'
5 3/16			Perf. top
3			Perf. bottom
2 3/8		2976	Perf. top
Liners Used			Perf. bottom

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT	<u>40</u>	<u>60</u>	<u>INCHES</u>
<u>230</u>	<u>48</u>	<u>INCHES</u>	<u>FEET</u>
<u>FEET</u>	<u>INCHES</u>	<u>FEET</u>	<u>INCHES</u>

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	10			
Gravel			10	15			
Slate			15	25	Gas 1320'	10/10 W 2" 133 M	
Sand			25	40	Gas 1325'	increased to 20/10 W 2" 189 M	
Coal			40	45			
Sand			45	162	Oil show	1327'	
Slate			162	220			
Sand			220	230	Big Lime gas	blew down to 3/10 W 1" 18	
Coal			230	234			
Slate			235	300	Gas 1430'	43/10 W 2" 277 M	
Sand			300	345			
Slate			345	390	Gas test	13/10 W 2" 152 M at top of	
Sand			390	445	Shale	(2035')	
Black Slate			445	530			
Sand			530	585	Test at	2850' 10/10 W 2" 133 M	
Slate			585	655	Test at	3020' 20/10 W 2" 133 M	
Salt Sand			655	864			
Slate			864	905	Test before	shot 10/10 W 2" 133 M Big I	
Salt Sand			905	1075	& Inj.		
Slate			1075	1145	Test 1 hr.	after shot 40/10 W 2" 267 M	
Maxon Sand			1145	1185	Test 18 hrs.	after shot 18/10 W 2" 179	
Little Lime			1185	1205	Big Lime,	Injun and Shale	
Pencil Cave			1205	1208			
Big Lime			1208	1386	Test after	tubed (2 days) 8/10 W 2" 119	
Keener Sand			1386	1398	☒ Lime & Injun;	4/10 W 1" 21 M -Shal	
Red Rock			1398	1425			
Injun Sand			1425	1470			
Slate & Shale			1470	1954			
Brown Shale			1954	1971			
Berea Sand			1971	1990	Shut in	9-17-58 in 2-3/8" tubing.	



08/18/2023

UNITED FUEL GAS COMPANY

SERIAL WELL NO. 8616

Ref. LEASE NO. 24689

MAP SQUARE 24-45

RECORD OF WELL NO. <u>8616</u> on the	CASING AND TUBING				TEST BEFORE SHOT
<u>17,085.76</u> Acres	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	
<u>1</u> farm of <u>Stonewall</u> District	<u>10-3/4"</u>	<u>40#</u>	<u>19'</u>	<u>19'</u>	<u>10</u> /10 of Water in <u>2"</u> inch
<u>Wayne</u> County	<u>8-5/8"</u>	<u>24#</u>	<u>287'</u>	<u>287'</u>	/10 of Merc. in _____ inch
State of: <u>West Virginia</u>	<u>7"</u>	<u>20#</u>	<u>1239'</u>	<u>1239'</u>	Volume <u>1.33</u> MCF Cu. ft.
Field: <u>Central Division</u>	<u>2-3/8"</u>	<u>4#</u>	<u>2992'</u>	<u>2992'</u>	TEST AFTER SHOT
Rig Commenced <u>July 14,</u> 19 <u>58</u>					<u>Big Lime & Injun</u>
Rig Completed <u>July 18,</u> 19 <u>58</u>					<u>8</u> /10 of Water in <u>2"</u> inch
Drilling Commenced <u>July 18,</u> 19 <u>58</u>					<u>Shale</u> W
Drilling Completed <u>September 12,</u> 19 <u>58</u>					<u>4</u> /10 of Water in <u>1"</u> inch
Drilling to cost _____ per foot					<u>B. Lime & Injun</u> <u>119</u> MCF
Contractor is: <u>E. J. Elkins</u>					Volume <u>Shale</u> <u>21</u> MCF Cu. ft.
Address: <u>Hamlin, W. Va.</u>					<u>After Tubing</u> Hours After Shot
					Rock Pressure <u>Tub. 280</u>
					Csg. <u>355#</u> <u>48</u> H
					Date Shot <u>9-15-58</u>
					Size of Torpedo <u>3800# Dup. Gel</u>
					SHUT IN
					Date <u>9-17-58</u>
Driller's Name _____	<u>2-3/8"</u> in. Tubing				Oil Flowed _____ bbls. 1st 24 hrs
	Size of Packer <u>2-3/8"x7"</u>				Oil Pumped _____ bbls. 1st 24 hrs
	Kind of Packer <u>Hookwall</u>				Well abandoned and
	1st Perf. Set _____ from _____				Plugged _____ 19
	2nd Perf. Set _____ from _____				
Elevation: <u>754.85'</u>					

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	0	10	10	
Gravel	10	15	5	
Slate	15	25	10	
Sand	25	40	15	Hole full of water @ 25'
Coal	40	45	5	
Sand	45	162	117	
Slate	162	220	58	
Sand	220	230	10	
Coal	230	234	4	
Slate	234	300	66	
Sand	300	345	45	
Slate	345	390	45	
Sand	390	445	55	
Black Slate	445	530	85	
Sand	530	585	55	
Slate	585	655	70	
Salt Sand	655	864	209	Hole full of water @ 720'

APPROVED

[Signature]
DRILLER'S RECORD

08/18/2023

SERIAL WELL NO. 8616

Ref. LEASE NO. 24689

MAP SQUARE 24-45

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate	864	905	41	
Salt Sand	905	1075	170	
Slate	1075	1145	70	
Maxon Sand	1145	1185	40	
Little Lime	1185	1205	20	
Pencil Cave	1205	1208	3	
Big Lime	1208	1386	178	Gas pay @ 1320' 10/10 W-2"
Keener Sand	1386	1398	12	Gas pay @ 1325' 20/10 W-2"
Red Rock	1398	1425	27	Oil pay @ 1327'
Injun Sand	1425	1470	45	Big Lime gas blew down to 3/10 w-1
Slate & Shells	1470	1954	484	Gas pay @ 1430' 43/10 W-2"
Brown Shale	1954	1971	17	
Berea Sand	1971	1990	19	Gas tested @ 1971' 18/10 W-2"
Shell	1990	2035	45	Gas tested @ 2035' 13/10 W-2"
Shale	2035	2071	36	
Slate & Shells	2071	2321	250	
White Slate	2321	2671	350	
Brown Shale	2671	3005	334	Gas tested @ 2850' 10/10 W-2"
White Slate	3005	3024	19	Gas tested @ 3020' 10/10 W-2"
TOTAL DEPTH	3024			
<i>Devonian Shale 1990-3024 1034' thickness</i>				
<i>No sand logged</i>				
<i>James E. Temple II</i>				
<i>Geologist</i>				

08/18/2023

September 15, 19 58

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

Well No. 8616 (Serial No.) on U.F.G. Co. Min. Tr. #1 Farm

Was shot this date with 3800# Dupont Gelatin quarts

Number of Shells 38

Length of Shells 5"X10"

Top of Shot 2662'

Bottom of Shot 3024'

Top of Brown Shale Sand 2671' feet
(Name of Sand)

Bottom of White Slate Sand 3024' feet
(Name of Sand)

Total Depth of Well 3024'

Results: After Tubing-Big Lime & Injun - 8/10 W-2" - 119 MCF
Shale - 4/10 W-1" - 21 MCF

Remarks: _____

Signed *W. W. Ferrell* District Supt.

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

08/18/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY 1102

Oil or Gas Well 8616
(KIND)

Company <u>United Fuel Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Box 1273 Charleston, W. Va.</u>	Size			
Farm <u>U.F.G.Co. Min. Tr. #1</u>	16			Kind of Packer
Well No. <u>8616</u>	13			
District <u>Stonewall</u> County <u>Wayne</u>	10	19'		Size of
Drilling commenced <u>7-18-58</u>	8 1/4	238'		
Drilling completed _____ Total depth _____	6 5/8			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names C. P. Pinkerton
Dewey Holton

Remarks: Running 8-5/8" Casing at 283 ft. - White Slate

7-21-58

DATE



Jw. pack

DISTRICT WELL INSPECTOR

08/18/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY 1102

Oil or Gas Well 8616
(KIND)

Company <u>United Fuel Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>P.O. Box 1273 Charleston 25, W. Va.</u>	Size			
Farm <u>United Fuel Gas Co. Mineral</u>	16			Kind of Packer
Well No. <u>8616</u>	13			
District <u>Stonewall</u> County <u>Wayne</u>	10	<u>19'</u>		Size of
Drilling commenced <u>7-18-58</u>	8 1/4	<u>285'</u>		
Drilling completed _____ Total depth _____	6 3/8			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water <u>25</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>40</u> FEET <u>60</u> INCHES			
Salt water <u>720</u> feet _____ feet	<u>230</u> FEET <u>48</u> INCHES FEET INCHES			
	FEET INCHES FEET INCHES			

Drillers' Names Dewey Holton
C. P. Pinkerton

Remarks: Drilling at 820'



7-30-58

DATE

J.W. Pack

DISTRICT WELL INSPECTOR

08/18/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner _____ Location _____ Amount _____ Packer _____ Location _____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

7-30-58
DISTRICT WELL INSPECTOR
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:

38816 897

RECEIVED

APR 5 1982

OIL & GAS DIVISION
DEPT. OF MINES

1.0 API well number: (If not assigned, leave blank. 14 digits.)	<u>- 47 - 099 - 01102</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.)	<u>Columbia Gas Transmission Corporation</u> Name <u>P. O. Box 1273</u> Street <u>Charleston</u> City		<u>WV</u> State	<u>25325</u> Zip Code <u>004030</u> Seller Code
5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	<u>WVa. field Area B</u> Field Name <u>Wayne</u> County		<u>WV</u> State	
(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 808616</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.)	<u>*</u> Name			<u>004030</u> Buyer Code
(b) Date of the contract:	Mo. Day Yr. *			
(c) Estimated total annual production from the well	<u>3</u> Million Cubic Feet			
	(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	\$/MMBTU <u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	\$/MMBTU <u>3.281</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
9.0 Person responsible for this application:	<u>Albert H. Mathena, Jr., Director, Production Eng.</u>			
Agency Use Only	Name		Title	
Date Received by Juris. Agency	<u>Albert H. Mathena Jr.</u> Signature			
APR 5 1982	<u>3-25-82</u> Date Application is Completed		<u>(304) 346-0951</u> Phone Number	
Date Received by FERC				

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

08/18/2023

PARTICIPANTS:

DATE: AUG 19 1982

BUYER-SELLER CO

WELL OPERATOR: Columbia Gas Transmission

004030

FIRST PURCHASER: *

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
82-04-05-108-099-1102
 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 91 Days off line: _____
- 9. IV-48 Application for certification. Complete?
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? Affidavit Signed
- 18-28. Other: Survey _____ Logs _____ Geological Charts _____
 Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
 Gas Analyses _____
- (5) Date commenced: 7-18-58 Date completed 9-12-58 Deepened _____
- (5) Production Depth: 1320-25 1430
- (5) Production Formation: Big Lime Injun
- (5) Final Open Flow: 119 mcf B. Lime + Injun, 21 mcf shale
- (5) After Frac. R. P. Tub 280 # Csg 355 # 48 hrs
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: $\frac{3236}{363} = 9.9$
- (8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{822}{91} = 9.0$ mcf
- (8) Line Pressure: _____ PSIG from Daily Report _____
- (5) Oil Production: _____ From Completion Report _____
- 0-17. Does lease inventory indicate enhanced recovery being done No
- 0-17. Is affidavit signed? Notarized? 08/18/2023
- Does official well record with the Department confirm the submitted information? No
- Additional information _____ Does computer program confirm? _____
- as Determination Objected to _____ By Whom? _____

111

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

Date _____, 19____
Operator's Well No. 808616
API Well No. 47 - 099 - 01102
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

LOCATION: Elevation 754
Watershed _____
Dist. Stonewall County Wayne Quad. _____
Gas Purchase Contract No. NA
Meter Chart Code _____
Date of Contract NA

GAS PURCHASER NA
ADDRESS _____

* * * * *

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

(Handwritten signature)



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.

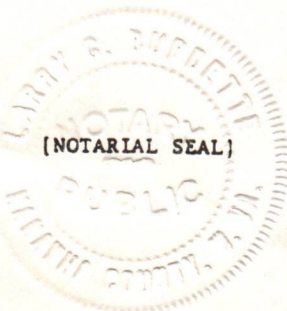
STATE OF WEST VIRGINIA,

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, 19 82, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 25 day of March, 19 82

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



Larry G. Burdette
Notary Public

08/18/2023

Date 3-25, 1982

Operator's Well No. 808616

API Well No. 47 - 099 - 01102
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); 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 109 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

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

Remarks:

JUN 1 2 1988

RECEIVED
JUN 15 1982

1.0 API well number. (If not assigned, leave blank 14 digits.)	-47-099 -01102			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	107-DV Section of NGPA	- Category Code		
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)	3024 feet			
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)	Columbia Gas Transmission Corporation Name P. O. Box 1273 Street Charleston City		WV State	25325 Zip Code
5.0 Location of this well [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)		WV FIELD AREA B Field Name WAYNE County WV State		
(b) For OCS wells		N/A 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.)	TCO MIN TR-1 808616			
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)	N/A			
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	3 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 (-).) -.-.-
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	S/MMBTU	Dereg -.-.-	-.-.-	-.-.-
9.0 Person responsible for this application:	Albert H. Mathena, Jr., Director, Production Eng.			
Agency Use Only Date Received by Juris. Agency JUN 15 1982 Date Received by FERC	Name Albert H. Mathena Jr. Signature 6-9-82 Date Application is Completed			
	Title (304) 346-0951 Phone Number			

*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 754.85

Watershed _____

Dist. STONEWALL County WAYNE Quad. WAYNE

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: 7/18/58

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.

(NOTARIAL SEAL)

Larry G. Burdette
Notary Public

19-2-2
19-2-2
19-2-2

19-2-2

19-2-2
19-2-2
19-2-2

08/18/2023





Way - 1102

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.

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: 

Theodore M. Streit, Administrator

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 4343

API WELL NO. 47-099-01102

WELL NUMBER : 808616G
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
808616G	WV	1E2		1.000000	8.7	1278	30	263	8.8	74
808616G				1.000000		1178	31	269	8.7	49
808616G				1.000000		1078	30	263	8.8	48
808616G				1.000000		0978	29	251	8.7	56
808616G				1.000000		0878	31	269	8.7	43
808616G				1.000000		0778	22	193	8.8	42
808616G				1.000000		0678	30	264	8.8	40
808616G				1.000000		0578	30	266	8.9	38
808616G				1.000000		0478	31	274	8.8	30
808616G				1.000000		0378	28	245	8.8	27
808616G				1.000000		0278	31	265	8.5	23
808616G				1.000000		0178	31	259	8.4	32

08/18/2023

REPORT DATE FEB 16, 1982
REPORT TIME 14.08

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

PAGE 4343

API WELL NO. 47-099-01102

WELL NUMBER : 808616G
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
808616G	WV	1E2		1.000000	8.6	1280	30	261	8.7	41
808616G				1.000000		1180	31	267	8.6	48
808616G				1.000000		1080	30	257	8.6	46
808616G				1.000000		0980	27	231	8.6	56
808616G				1.000000		0880	0	0	.0	0
808616G				1.000000		0780	0	0	.0	0
808616G				1.000000		0680	7	61	8.7	46
808616G				1.000000		0580	30	259	8.6	56
808616G				1.000000		0480	31	269	8.7	42
808616G				1.000000		0380	29	252	8.7	45
808616G				1.000000		0280	26	226	8.7	46
808616G				1.000000		0180	31	272	8.8	46

Compressor Down

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 4343

API WELL NO. 47-099-01102

WELL NUMBER : 808616G
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
808616G	WV	1E2		1.000000	8.6	1279	30	262	8.7	47
808616G				1.000000		1179	31	267	8.6	51
808616G				1.000000		1079	30	257	8.6	59
808616G				1.000000		0979	29	250	8.6	60
808616G				1.000000		0879	31	272	8.8	58
808616G				1.000000		0779	30	261	8.7	59
808616G				1.000000		0679	31	271	8.7	62
808616G				1.000000		0579	30	259	8.6	46
808616G				1.000000		0479	31	267	8.6	45
808616G				1.000000		0379	28	244	8.7	41
808616G				1.000000		0279	31	272	8.8	39
808616G				1.000000		0179	31	272	8.8	42

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 4245

API WELL NO. 47-099-01102

WELL NUMBER : 808616G
 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
808616G	WV	1E2		1.000000	9.0	1281	30	269	9.0	46
808616G				1.000000		1181	31	279	9.0	51
808616G				1.000000		1081	30	274	9.1	55
808616G				1.000000		0981	31	281	9.1	55
808616G				1.000000		0881	29	264	9.1	55
808616G				1.000000		0781	30	269	9.0	54
808616G				1.000000		0681	31	274	8.8	58
808616G				1.000000		0581	30	268	8.9	49
808616G				1.000000		0481	31	274	8.8	52
808616G				1.000000		0381	28	244	8.7	44
808616G				1.000000		0281	31	270	8.7	41
808616G				1.000000		0181	31	270	8.7	39

$\frac{822}{91.0} = 9.0$
 $\frac{3236}{363} = 9.9$

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

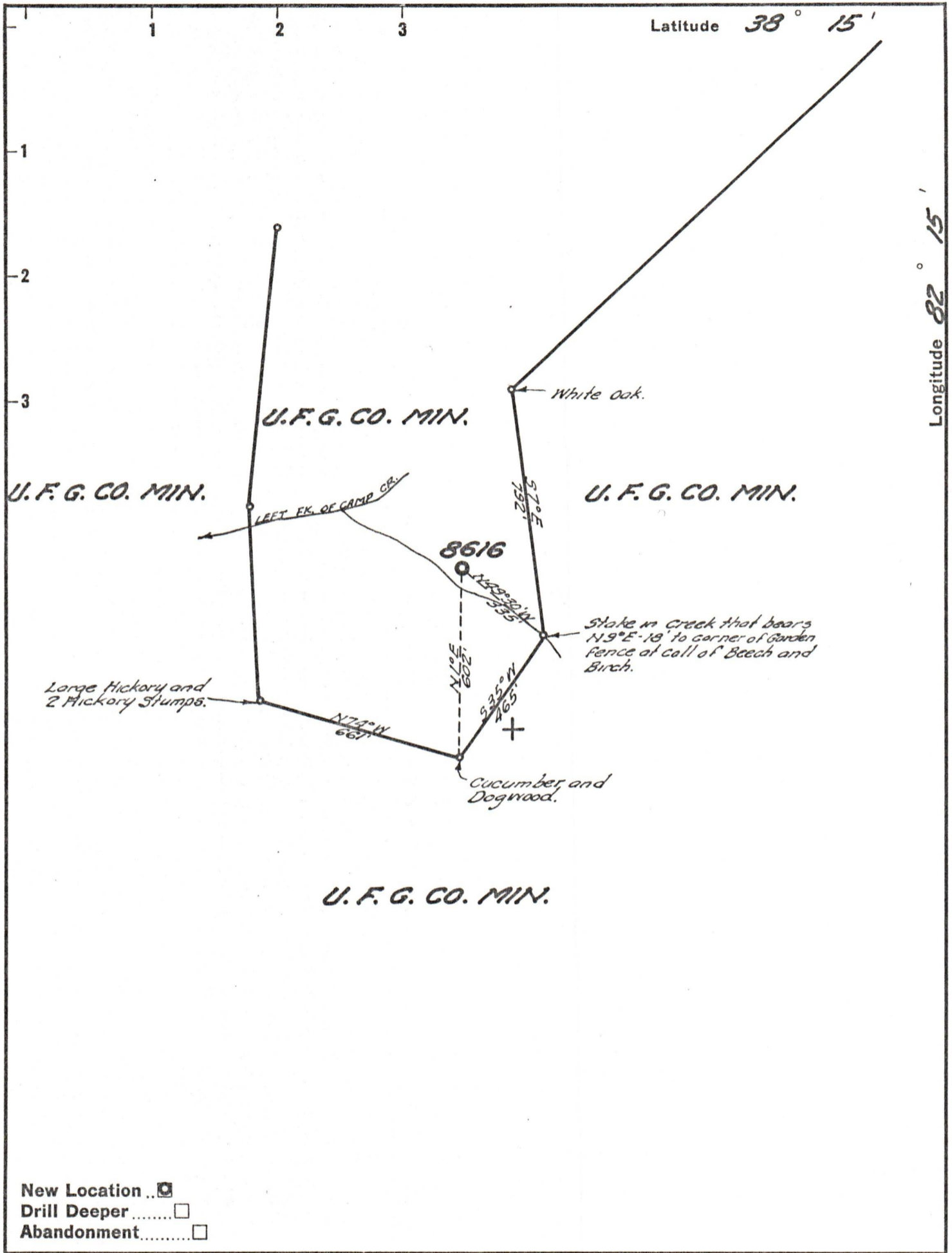
PAGE1274

API WELL NO. 47-099-01102

WELL NUMBER : 808616G
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
808616G	WV	1E2		1.000000	9.0	0282	31	279	9.0	45
808616G				1.000000		0182	31	279	9.0	45

08/18/2023



New Location
 Drill Deeper
 Abandonment

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm UNITED FUEL GAS CO. MIN.
 Tract 1 Acres 17,085.76 Ref. 24689
 Well (Farm) No. _____ Serial No. 8616
 Elevation (Spirit Level) 754.85'
 Quadrangle WAYNE
 County WAYNE District STONEWALL
 Engineer Paul E. Joachim
 Engineer's Registration No. 669
 File No. 24-45 Drawing No. _____
 Date 5-6-58 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. WAY-1102

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.