



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 Company

NAME OF WELL OPERATOR

Charleston, W. Va.

COMPLETE ADDRESS

PROPOSED LOCATION

Grant District

Wayne County

Well No. 9155 38° 05' 82° 20' E 1200.26'

United Fuel Gas Co. Min. Tr. #1 Farm
40, 578.86 Acres

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

10/27/2023

*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.

1405

WAY-1405 PERMIT NUMBER

B-2

Formation	Color	Hard or Soft	Top 17	Bottom	Oil, Gas or Water	Depth Found	Remarks	
Little Lime			1579	1594	Fractured Injun 8-16-62 with 493 bbls. water and 32,000# 20-40 sand. Test after blowing 4 hours 26/10 Merc. 4" 3,156 M - Injun Shut in 8-16-62 in 2-3/8" 2 1/2 Tubing LOGS RUN: Gamma Ray G. G. Density Induction			
Slate			1594	1597				
Big Lime			1597	1787				
Gray Injun			1787	1860				
Slate & Shells			1860	2248				
Shell			2248	2268				
Slate & Shells			2268	2355				
Coffee Shale			2355	2370				
Berea			2370	2405				
Slate			2405	2410				
Gritty xxxx Shale			2410	2440				
Slate			2440	2461				
Shale			2461	2535				
Slate			2535	2716				
Shell			2716	2727				
Slate & Shells			2727	2850				
Brown Shale			2850	2956				
Slate			2956	3084				
Brown Shale			3084	3338				
Slate			3338	3351				
Total Depth			3351'					

10/27/2023

Date December 18, 19 62

APPROVED UNITED FUEL GAS COMPANY, Owner

By S. H. Jurell
(Title)
Supt., Civil Engineering Dept.

B-1



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 17

Quadrangle Wayne

Permit No. WAY-1405

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Company
Address P.O. Box 1273; Charleston 25, W. Va.
Farm United Fuel Gas Co. Min. Tr. #1 Acres 40,578.86
Location (waters) Missouri Branch
Well No. 9155 Elev. 1200.26
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 7-4-62
Drilling completed 8-11-62
Date Shot 8-13-62 From 2462 To 3351
With 9,300# Gelatin
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 3,319 M -- Injun 3,156 M & Shale 163 M Cu. Ft.
Rock Pressure 495 lbs. 72 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		23'	2-3/8" x 7"
8 5/8		524	Depth set
7"	1019'	Pulled	1896'
5 3/16			Perf. top
4 1/2	1913'	Cemented	Perf. bottom
2 3/8		1320'	Perf. top
Liners Used			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 435 FEET 36 INCHES
____ FEET _____ INCHES FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 1075 Feet Salt Water 1147 Feet 1240

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	30			
Sand			30	65	Water 1075'	1/2 bailer per hour	
Slate			65	105			
Sand			105	264	Water 1147'	2 bailers per hour	
Slate			264	360			
Sand			360	420	Hole full water	1240'	
Slate			420	435			
Coal			435	438	Gas 1127-1137'	80/10 W 2" 377 M	
Slate			438	442			
Sand			442	530	Gas 1419-1425'		
Slate			530	610			
Sand			610	675	Test 1837'	6/10 W 2" 103 M	
Slate			675	860			
Sand			860	945	Show oil	1634'	
Slate			945	1020			
Sand			1020	1105	Gas 3150'	16/10 W 1" 42 M	
Slate			1105	1110			
Black Lime			1110	1123	Test before shot	13/10 W 1" 38 M	
Salt Sand			1123	1228	Shot 8-13-62	with 9,300# Gelatin from	
Slate & Shells			1228	1248	2462-3351'		
Sand			1248	1255	Test 1 hour after shot	80/10 W 2" 377 M	
Settling Sand			1255	1340	Test 18 hrs. after shot	15/10 W 2" 163M	
Sand			1340	1387			
Slate			1387	1415	Plug set at	1867'	
Black Lime			1415	1475			
Maxon Sand			1475	1495	Perforated 4 1/2" casing at	1818-1823',	
Gritty Lime			1495	1528	1829-1831'		
Red Rock			1528	1542			
Slate			1542	1552			
Lime Shell			1552	1579			



10/27/2023

UNITED FUEL GAS COMPANY

COMPANY

Ref.

LEASE NO. 24686

MAP SQUARE 20-35

SERIAL WELL NO. 9155

RECORD OF WELL NO. 9155 on the		CASING AND TUBING				TEST BEFORE SHOT
UFG Co. Min. Tr. #1 farm of	Acres	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	13 /10 of Water in _____ inch
in Grant	District	10-3/4"	32#	23'	23'	/10 of Merc. in _____ inch
Wayne	County	8-5/8"	21#	524'	524'	Volume 38 MCF Cu. ft.
State of: West Virginia		7"	20#	1619'	None	TEST AFTER SHOT
Field: Central Division		4-1/2"	11#	1913'	1913'	15 /10 of Water in 2" _____ inch
Rig Commenced June 29	1962	2-3/8"	4#	1320'	1320'	/10 of Merc. in _____ inch
Rig Completed July 4	1962					Volume 3,156 MCF - Injun 163 MCF Cu. ft.
Drilling Commenced July 4	1962					When Shut In 18 Hours After Shot
Drilling Completed August 11	1962					Rock Pressure 72 Hr. 495#
Drilling to cost _____	per foot					Date Shot 8-13-62
Contractor is: E. J. Elkins						Size of Torpedo
Address: Hamlin, W. Va.		SHUT IN				Oil Flowed _____ bbls. 1st 24 hrs.
		Date 8-16-62				Oil Pumped _____ bbls. 1st 24 hrs.
Driller's Name Edward Salmons		Comb. String 2-3/8" & 4-1/2"		Tubing or Casing		
Hal Vickers		Size of Packer 2-3/8" X 7"				Well abandoned and
Holden Moore		Kind of Packer Hookwall				Plugged _____ 19
		1st. Perf. Set _____ from _____				
Elevation: 1200.26'		2nd Perf. Set _____ from _____				

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	0	30	30	<p style="text-align: center;">APPROVED</p> <p style="text-align: center;"><i>[Signature]</i> DIVISION SUPERINTENDENT</p>
Sand	30	65	35	
Slate	65	105	40	
Sand	105	264	159	
Slate	264	360	96	
Sand	360	420	60	
Slate	420	435	15	
Coal	435	438	3	
Slate	438	442	4	
Sand	442	530	88	
Slate	530	610	80	
Sand	610	675	65	
Slate	675	860	185	
Sand	860	945	85	
Slate	945	1020	75	
Sand	1020	1105	85	Water @ 1075' - 1/2 BMP
Slate	1105	1110	5	

10/27/2023

SERIAL WELL NO. 9155Ref.
LEASE NO. 24686MAP SQUARE 20/35

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Black Lime	1110	1123	13	Water @ 1147' - 2 BPH
Salt Sand	1123	1228	105	Gas @ 1127-1137 - 80/10 W-2"
Slate & Shells	1228	1248	20	Water @ 1240' - Hole Full
Sand	1248	1255	7	
Settling Sand	1255	1340	85	
Sand	1340	1387	47	
Slate	1387	1415	28	
Black Lime	1415	1475	60	Gas @ 1419'-1425'
Maxon Sand	1475	1495	20	
Gritty Lime	1495	1528	33	
Red Rock	1528	1542	14	
Slate	1542	1552	10	
Lime Shell	1552	1579	27	
Little Lime	1579	1594	15	
Slate	1594	1597	3	
Big Lime	1597	1787	190	Show of Oil @ 1634'
Gray Injun Sand	1787	1860	73	
Slate & Shells	1860	2248	388	
Shell	2248	2268	20	
Slate & Shells	2268	2355	87	
Coffee Shale	2355	2370	15	
Berea	2370	2405	35	
Slate	2405	2410	5	
Gritty Shale	2410	2440	30	
Slate	2440	2461	21	
Shale	2461	2535	74	
Slate	2535	2716	181	
Shell	2716	2727	11	
Slate & Shells	2727	2850	123	
Brown Shale	2850	2956	106	
Slate	2956	3084	128	
Brown Shale	3084	3338	254	Gas @ 3150 - 16/10 W-1"
Slate	3338	3351	13	When Drilling Completed - 13/10 W-1"
TOTAL DEPTH	3351			

10/27/2023



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 CHARLESTON

April 18, 1962
 "Centennial '63"

C
O
P
Y

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

Att: Mr. Bernard Noon

Gentlemen:

Enclosed are permits for drilling the following wells:

<u>PERMIT NO.</u>	<u>WELL NO.</u>	<u>FARM</u>	<u>DISTRICT</u>
KAN-1851	9158	Imperial Coal Company	Cabin Creek
LIN-1341	9173	U. F. Gas Co. Min. Tr. #1	Harts Creek
LIN-1342	9174	U. F. Gas Co. Min. Tr. #1	Harts Creek
LIN-1343	9184	U. F. Gas Co. Min. Tr. #1	Laurel Hill
LIN-1344	9187	U. F. Gas Co. Min. Tr. #1	Laurel Hill
WAY-1405	9155	U. F. Gas Co. Min. Tr. #1	Grant
WAY-1406	9172	U. F. Gas Co. Min. Tr. #1	Grant
WAY-1407	9175	U. F. Gas Co. Fee Tr. #6	Lincoln
WAY-1408	9177	U. F. Gas Co. Min. Tr. #3	Lincoln

Very truly yours,

Assistant Director
 OIL AND GAS DIVISION

NG/jb
 enclosure

cc: Mr. Dana Lawson, Inspector
 Mr. Kenneth E. Butcher, Inspector

Mr. R. C. Tucker, Assistant
 State Geologist

10/27/2023



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 CHARLESTON

April 18, 1923
 "Continental" #87

United Fuel Gas Company
 P. O. Box 2773
 Charleston 25, West Virginia

Atty. Gen. Bernard Mann

Continental

Enclosed are permits for drilling the following wells:

WELL NO.	WELL NAME	OWNER	SECTION
WV-1251	Industrial Coal Company	Industrial Coal Company	Section 25
WV-1252	U. F. Gas Co. Mine Tr. #1	U. F. Gas Co. Mine Tr. #1	Section 25
WV-1253	U. F. Gas Co. Mine Tr. #2	U. F. Gas Co. Mine Tr. #2	Section 25
WV-1254	U. F. Gas Co. Mine Tr. #3	U. F. Gas Co. Mine Tr. #3	Section 25
WV-1255	U. F. Gas Co. Mine Tr. #4	U. F. Gas Co. Mine Tr. #4	Section 25
WV-1256	U. F. Gas Co. Mine Tr. #5	U. F. Gas Co. Mine Tr. #5	Section 25
WV-1257	U. F. Gas Co. Mine Tr. #6	U. F. Gas Co. Mine Tr. #6	Section 25
WV-1258	U. F. Gas Co. Mine Tr. #7	U. F. Gas Co. Mine Tr. #7	Section 25
WV-1259	U. F. Gas Co. Mine Tr. #8	U. F. Gas Co. Mine Tr. #8	Section 25
WV-1260	U. F. Gas Co. Mine Tr. #9	U. F. Gas Co. Mine Tr. #9	Section 25

Very truly yours,

Atty. Gen. Bernard Mann
 Atty. Gen. Division

WV/2
 Enclosure

Mr. Bernard Mann, Registrar
 Mr. Kenneth L. Roberts, Inspector

Mr. E. F. Fisher, Assistant
 State Geologist

10/27/2023

COPY

B-6

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Way-1405

Oil or Gas Well _____
(KIND)

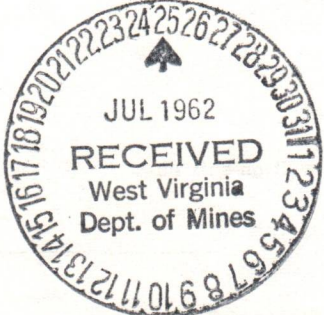
Company <u>U.F.M. Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>Charleston, W.Va.</u>	Size		
Farm <u>U.F.M. Co. Min Tr. 1</u>	16			
Well No. <u>9155</u>	13			
District <u>Grant</u> County <u>Wayne</u>	10	<u>26-</u>		Size of _____
Drilling commenced <u>7-4-62</u>	8 1/4	<u>519-</u>		
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 <u>no water</u> _____ feet _____ feet	COAL WAS ENCOUNTERED AT <u>435-438</u> FEET _____ INCHES			
Salt water _____ feet _____ feet	<u>3" coal</u> FEET _____ INCHES			

Drillers' Names Hal Vickers & Edward Salmon

Contr. E. J. Elkens dr. co. Cable tools

Remarks: Total depth 1419-

7-19-62
DATE



J. E. Butcher
DISTRICT WELL INSPECTOR
10/27/2023

RECEIVED

APR 5 1982

1.0 API well number: (If not assigned, leave blank. 14 digits.)	<u>-47-099-01405</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>004030</u> Seller Code	
	<u>P. O. Box 1273</u> Street			
	<u>Charleston</u> City	<u>WV</u> State	<u>25325</u> Zip Code	
5.0 Location of this well (Complete (a) or (b).)	<u>WVa. field Area B</u>			
(a) For onshore wells (35 letters maximum for field name.)	<u>Wayne</u> Field Name		<u>WVA</u> State	
(b) For OCS wells	<u>N/A</u>			
	<u>N/A</u> Area Name		<u>—</u> Block Number	
	<u>—</u> Date of Lease		<u>—</u> OCS Lease Number	
	<u>Mo. Day Yr.</u>			
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>TCO MIN TR # 1 809155</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:	<u>—</u> *			
	<u>Mo. Day Yr.</u>			
(c) Estimated total annual production from the well	<u>7</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.)	<u>S/MMBTU</u>	<u>—</u>	<u>—</u>	<u>—</u>
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	<u>S/MMBTU</u>	<u>3.281</u>	<u>—</u>	<u>—</u>
9.0 Person responsible for this application	<u>Albert H. Mathena, Jr., Director, Production Eng.</u>			
Agency Use Only	<u>Albert H. Mathena</u> Signature		<u>—</u> Title	
Date Received by Juris. Agency	<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. 10/27/2023

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 2 1988

PARTICIPANTS:

DATE: _____

BUYER-SELLER CODE

WELL OPERATOR: Columbia Gas Transmission

004030

FIRST PURCHASER: *

AUG 19 1982

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
82-04-05-108-099-1405
 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 + 2 Month 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: 7-4-62 Date completed 8-11-62 Deepened —
- (5) Production Depth: 3156
- (5) Production Formation: Brown Shale
- (5) Final Open Flow: 163 MCF
- (5) After Frac. R. P. 495# 72 hrs.
- (6) Other Gas Test: —
- (7) Avg. Daily Gas from Annual Production: $\frac{7359}{363} = 20.3$ MCF
- (8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{1536}{91} = 16.9$ MCF
- (8) Line Pressure: — PSIG from Daily Rep
- (5) Oil Production: — From Completion Report —
- 10-17. Does lease inventory indicate enhanced recovery being done No
- 10-17. Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? No
- Additional information — Does computer program confirm? —
- Was Determination Objected to — By Whom? —

10/27/2023

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

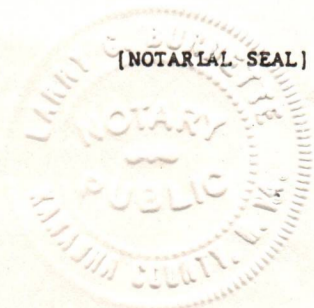
Given under my hand and official seal this 25 day of March, 1982

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

Larry G. Burdette
Notary Public

[NOTARIAL SEAL]

10/27/2023



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

Date _____ 19__

Operator's Well No. 809155

API Well No. 47 - 099 - 01405
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 1200

Watershed _____

Dist. Stonewall 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, E&O Tax Records and royalty payment records) and indicate the location of such records:

SEE ATTACHED PRODUCTION SHEETS



DEPARTMENT OF MINES, OIL AND GAS DIVISION

Operator's Well No. 809155

API Well No. 47 - 099 - 01405
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
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Category Code

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 1976 (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

APR 5 1982

Date received by Jurisdictional Agency _____

By [Signature]
Title _____

10/27/2023

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

Remarks:

1.0 API well number: (If not assigned, leave blank 14 digits.)	<u>47-099-01405-</u>			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	<u>107DV</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>3351</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
5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	<u>WU Field Area B</u> Field Name <u>Wayne</u> County		<u>WV</u> State	
(b) For OCS wells	<u>NA</u> Area Name		<u> </u> Block Number	
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>TCO Min. Tr. No. 1 809155</u>			
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)	<u>NA</u>			
6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)	<u>*</u> Name		<u>004030</u> Buyer Code	
(b) Date of the contract:	<u> </u> * Mo. Day Yr.			
(c) Estimated total annual production from the well	<u>4</u> Million Cubic Feet			
		(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	\$/MMBTU	<u>-----</u>	<u>-----</u>	<u>-----</u>
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	\$/MMBTU	<u>De-reg</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 <u>Albert H. Mathena, Jr.</u> Title <u>Director</u>			
Date Received by Juris. Agency	Signature <u>Albert H. Mathena, Jr.</u>			
<u>JUN 15 1982</u>	<u>6-9-82</u> Date Application is Completed			
Date Received by FERC	<u>(304) 346-0951</u> Phone Number			

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

10/27/2023

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's Well No. 809155

API Well No. 47 - 099 - 01409
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 1200.26'
Watershed _____

WELL OPERATOR Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273
Charleston, WV 25325

Dist. Stonewall County Wayne Quad. _____

Gas Purchase Contract No. N.A.

GAS PURCHASER N.A.

Meter Chart Code _____

ADDRESS _____

Date of Contract N.A.

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

Date surface drilling began: 7-4-1962

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, 1982, has acknowledged the same before me, in my county aforesaid. 10/27/2023

Given under my hand and official seal this 9 day of June, 1982.
My term of office expires on the 13 day of August, 1989.

Larry G Burdette
Notary Public

(NOTARIAL SEAL)

Way-1405



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.

10/27/2023

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:  10/27/2023
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 4570

API WELL NO. 41-099-01405

WELL NUMBER : 809155G
 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
809155G	WV	1E		1.000000	12.5	1278	30	378	12.6	65
809155G				1.000000		1178	31	387	12.5	71
809155G				1.000000		1078	30	377	12.6	67
809155G				1.000000		0978	29	361	12.4	68
809155G				1.000000		0878	31	387	12.5	56
809155G				1.000000		0778	30	548	18.3	55
809155G				1.000000		0678	31	394	12.7	56
809155G				1.000000		0578	30	382	12.7	54
809155G				1.000000		0478	31	394	12.7	53
809155G				1.000000		0378	28	352	12.6	37
809155G				1.000000		0278	31	381	12.3	35
809155G				1.000000		0178	31	373	12.0	44

10/27/2023

REPORT DATE FEB 16, 1982
 REPORT TIME 15.28

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

PAGE 4570

API WELL NO. 47-099-01405

WELL NUMBER : 809155G
 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
809155G	WV	1E		1.000000	18.0	1279	30	545	18.2	63
809155G				1.000000		1179	31	555	17.9	57
809155G				1.000000		1079	28	499	17.8	80
809155G				1.000000		0979	31	386	12.5	68
809155G				1.000000		0879	31	391	12.6	69
809155G				1.000000		0779	30	376	12.5	70
809155G				1.000000		0679	31	565	18.2	80
809155G				1.000000		0579	30	372	12.4	65
809155G				1.000000		0479	31	557	18.0	54
809155G				1.000000		0379	28	507	18.1	45
809155G				1.000000		0279	31	565	18.2	48
809155G				1.000000		0179	31	565	18.2	49

10/27/2023

REPORT DATE FEB 16, 1982
 REPORT TIME 14.08

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

PAGE 4570

API WELL NO. 47-099-04405

WELL NUMBER : 809155G
 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
809155G	WV	1E		1.000000	18.0	1280	30	542	18.1	64
809155G				1.000000		1180	13	234	18.0	64
809155G				1.000000		1080	0	0	.0	0
809155G				1.000000		0980	0	0	.0	0
809155G				1.000000		0880	0	0	.0	0
809155G				1.000000		0780	0	0	.0	0
809155G				1.000000		0680	12	148	12.3	57
809155G				1.000000		0580	30	374	12.5	75
809155G				1.000000		0480	31	387	12.5	52
809155G				1.000000		0380	29	362	12.5	63
809155G				1.000000		0280	31	562	18.1	46
809155G				1.000000		0180	31	565	18.2	63

*Compressor down
 off to manage supply*

10/27/2023

REPORT DATE FEB 16, 1982
 REPORT TIME 14.57

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

PAGE 4471

API WELL NO. 47-099-01405

WELL NUMBER : 809155G
 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
809155G	WV	1E		1.000000	16.9	1281	30	561	18.7	58
809155G				1.000000		1181	31	580	18.7	60
809155G				1.000000		1081	30	395	13.2	61
809155G				1.000000		0981	31	449	14.5	61
809155G				1.000000		0881	29	422	14.6	60
809155G				1.000000		0781	30	560	18.7	62
809155G				1.000000		0681	31	791	25.5	65
809155G				1.000000		0581	30	771	25.7	59
809155G				1.000000		0481	31	787	25.4	57
809155G				1.000000		0381	28	703	25.1	53
809155G				1.000000		0281	31	778	25.1	58
809155G				1.000000		0181	31	562	18.1	53

10/27/2023

REPORT DATE MAR 25, 1982
REPORT TIME 10.26

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

PAGE1332

API WELL NO. ~~47-099-0406~~

WELL NUMBER : 809155G
FARM NAME : TCO MIN TR NO 1

PRODUCING STATE LEASE MEAS. STA. NUMBER

809155G WV IE
809155G

DAYS ON LINE

31
31

VOLUME -100- PERCENT

232
232

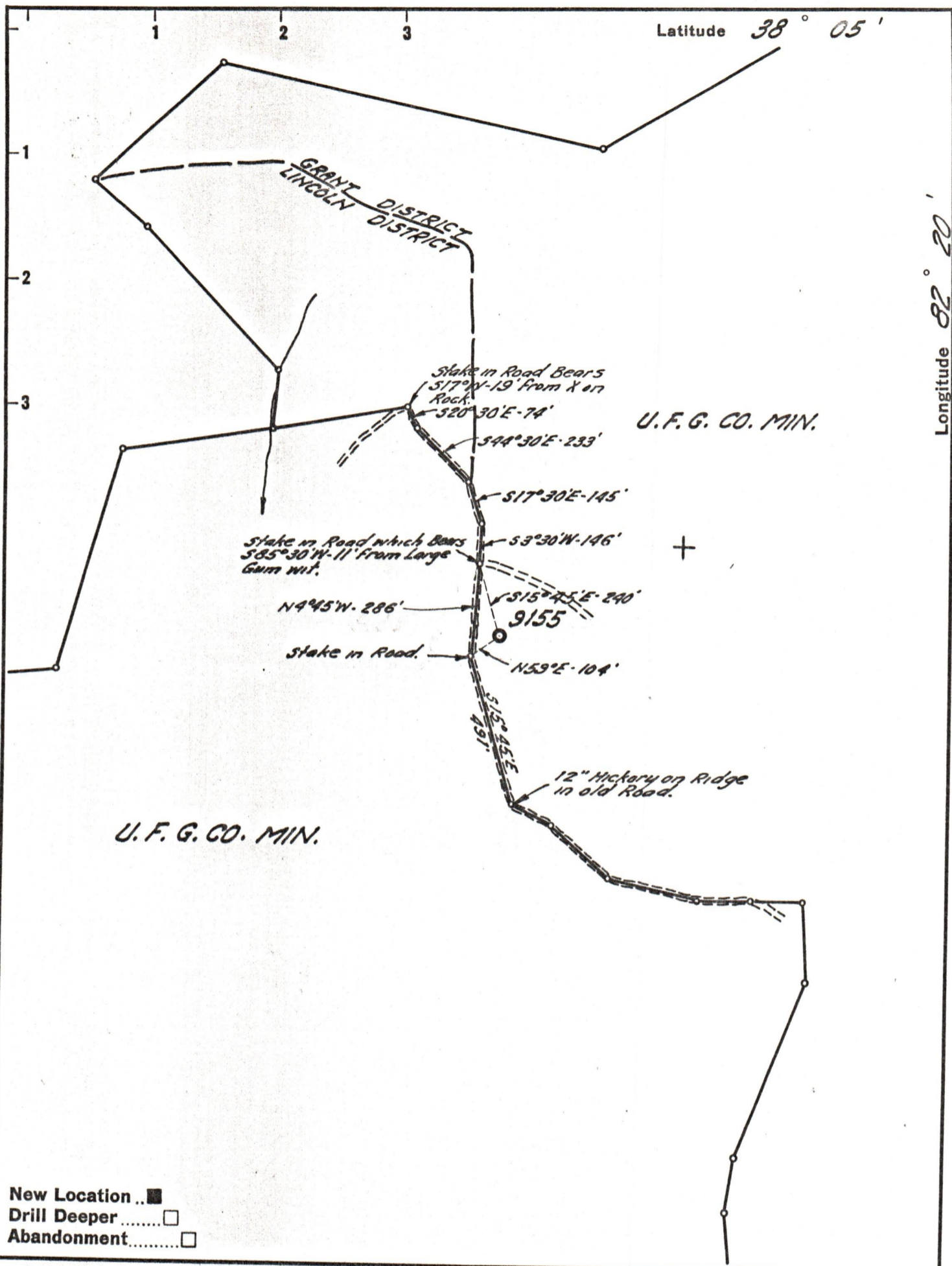
MCF/DAY -100- PERCENT

7.5
7.5

LINE PRES. PSIA

62
55

10/27/2023



New Location
 Drill Deeper
 Abandonment

Company UNITED FUEL GAS CO.
 Address CHARLESTON W. VA.
 Farm UNITED FUEL GAS CO. MIN.
 Tract 1 Acres 40,578.86 REF. 24686 Lease No. 24686
 Well (Farm) No. _____ Serial No. 9155
 Elevation (Spirit Level) 1200.26'
 Quadrangle WAYNE
 County WAYNE District GRANT
 Engineer Seybert R. Ferrell
 Engineer's Registration No. 2529
 File No. 20-35 Drawing No. _____
 Date 3-29-62 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. WAY-1405 10/27/2023

+ 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.