

A-10

UNITED FUEL GAS COMPANY

February 17, 1949

ADDRESS REPLY TO
POST OFFICE BOX 1273
CHARLESTON 25, WEST VIRGINIA

Mr. C. N. Hall
Administrative Assistant
Oil & Gas Division
Department of Mines
Charleston, West Virginia

Dear Mr. Hall:

Attached is a revised plat covering our Well Location No. 6508. Our original plat covering this Well Location had the wrong bearings and distances from the well to the corners.

Permit WAY-666 was issued for the original plat. Please destroy the original tracing.

Very truly yours,


Chief Engineer R.



11/10/2023

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Brown Shale			2795	2840			
Gray Shale			2840	3171			
Brown Shale			3171	3493	Gas	3335'	2/10 W 1" 15 M
White Slate			3493	3503			
Total Depth			3503'				Test before shot 2/10 W 1" 15 M Shot 9-9-49 with 4933-1/3# Gel. 2788-3503'. Test 20 Hrs. after shot 12/10 W 2" 146 M
							OPEN FLOW - 146 M - Shale 72 Hr. R.P. 440#
							Shut in 9-19-49 in 6-5/8" Casing.

11/10/2023

Date October 6, 19 49

APPROVED United Fuel Gas Co., Owner

By *J. H. Moore*
Chief Engineer (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Midkiff

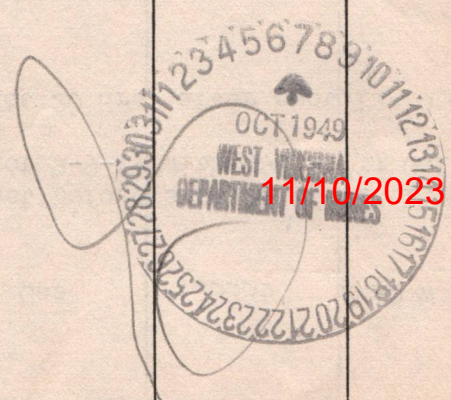
WELL RECORD

Permit No. WAY-666

Oil or Gas Well Gas
(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			Kind of Packer
Farm <u>U.F.G. Co. Min. Tr. #1</u> Acres <u>38,448.03</u>	16			
Location (waters) <u>Trace Fk. of Cove Creek</u>	13			
Well No. <u>6508</u> Elev. <u>1083.26</u>	10	15	15	Size of
District <u>Grant</u> County <u>Wayne</u>	8 1/4	417	417	
The surface of tract is owned in fee by _____	6 5/8	1922	1922	Depth set
Address _____	5 3/16			
Mineral rights are owned by <u>United Fuel Gas Co.</u>	3			Perf. top
<u>P. O. Box 1273, Address Chas. 25, W. Va.</u>	2			Perf. bottom
Drilling commenced <u>7-16-49</u>	Liners Used			Perf. top
Drilling completed <u>9-8-49</u>				Perf. bottom
Date Shot <u>9-9-49</u> From <u>2788</u> To <u>3503</u>				
With <u>4933-1/3# Gel.</u>				
Open Flow <u>12/10ths Water in 2"</u> Inch				
_____ /10ths Merc. in _____ Inch				
Volume <u>146 M - Shale</u> Cu. Ft.				
Rock Pressure <u>440</u> lbs. <u>72</u> hrs.				
Oil _____ bbls., 1st 24 hrs.				
Fresh water <u>445</u> feet				
Salt water <u>970</u> feet				
	CASING CEMENTED	SIZE	No. Ft.	Date
	COAL WAS ENCOUNTERED AT	<u>175</u> FEET	<u>84</u> INCHES	
		FEET	INCHES	FEET
		FEET	INCHES	FEET

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	6			
Clay			6	10			
Sandstone			10	21			
White Slate			21	36			
Black Slate			36	76			
Sand			76	115			
Slate			115	125			
Sand			125	175			
Coal			175	182			
Sand			182	310			
Slate			310	360			
Sand			360	430	Water	445'	4 B.P.H.
Slate			430	465			
Sand			465	495			
Slate			495	570			
Sand			570	600			
Slate			600	625			
Sandy Lime			625	730			
Slate			730	760			
Sand			760	790			
Slate & Shells			790	935	Water	970'	Hole full
Salt Sand			935	1310			
Blue Slate			1310	1401			
Sand			1401	1440			
Slate			1440	1463			
Maxon Sand			1463	1560			
Little Lime			1560	1598			
Pencil Cave			1598	1601			
Big Lime			1601	1806			
Red Rock			1806	1828			
Injun			1828	1843			
Slate			1843	1917			
Shells			1917	1931			
Slate & Shells			1931	2396			
Coffee Shale			2396	2410			
Berea Grit			2410	2422			
Slate & Shells			2422	2502			
White Slate			2502	2795			



UNITED FUEL GAS COMPANY
COMPANY

WELL NO. 6508

LEASE NO. 24689

MAP SQUARE 28-39-41

NO. OF WELL NO. <u>6508</u> on the DISTRICT #1 farm of <u>38,448.05</u> Acres District Wayne County State of: <u>West Virginia</u> Field: <u>Branchland</u> Rig Commenced <u>By Contractor</u> 194 Rig Completed <u>By Contractor</u> 194 Drilling Commenced <u>July 16</u> 194 <u>9</u> Drilling Completed <u>September 8</u> 194 <u>9</u> Drilling to cost <u>\$2.75</u> per foot Contractor is: <u>Roy & McComas</u> Address: <u>Huntington, W. Va.</u> Driller's Name <u>Paul E. Smith</u> <u>U. S. McComas</u> Elevation: <u>1083.26</u>	CASING AND TUBING <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SIZE</th> <th>WEIGHT</th> <th>USED IN DRILLING</th> <th>LEFT IN WELL</th> </tr> <tr> <td>10"</td> <td>32.75#</td> <td>15'9"</td> <td>15'9"</td> </tr> <tr> <td>8-1/4"</td> <td>24#</td> <td>417'4"</td> <td>417'4"</td> </tr> <tr> <td>6-5/8"</td> <td>20#</td> <td>1940'8"</td> <td>1940'8"</td> </tr> </table>	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	10"	32.75#	15'9"	15'9"	8-1/4"	24#	417'4"	417'4"	6-5/8"	20#	1940'8"	1940'8"	TEST BEFORE SHOT 2 /10 of Water in <u>1</u> in /10 of Merc. in Volume <u>14.90</u> MCF Cu. TEST AFTER SHOT 12 /10 of Water in <u>2</u> in /10 of Merc. in Volume <u>146</u> MCF Cu. 48 Hours After Sh Rock Pressure <u>440</u> Date Shot <u>September 9, 1949</u> Size of Torpedo <u>4933-1/3#</u> Oil Flowed ... bbls. 1st 24 hr Date <u>September 10, 1949</u> Pumped ... bbls. 1st 24 hr Shut in <u>Huntington</u> Casing Size of Packer <u>6-5/8" X 8-1/4"</u> Kind of Packer <u>Bottom Hole</u> 1st. Perf. Set. from 2nd Perf. Set. from Well abandoned and Plugged ... 194
SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL															
10"	32.75#	15'9"	15'9"															
8-1/4"	24#	417'4"	417'4"															
6-5/8"	20#	1940'8"	1940'8"															

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
surface	0	6	6	
surface Clay	6	10	4	
sand Stone	10	21	11	
White slate	21	36	15	
black slate	36	76	40	
sand	76	115	39	
Slate	115	125	10	
sand	125	175	50	
Coal	175	182	7	
sand	182	310	128	
slate	310	360	50	
Sand	360	430	70	
slate	430	465	35	4 bailers water per hour at 445'
sand	465	495	30	
slate	495	570	75	
sand	570	600	30	
slate	600	625	25	

APPROVED
N. E. Gibson

11/10/2023

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
lime	625	730	105	
lime	730	760	30	
sand	760	790	30	
slate & shells	790	935	145	
sand	935	1310	375	Hole full water at 970'
Blue Slate	1310	1401	91	
sand	1401	1440	39	
slate	1440	1463	23	
Maxon Sand	1463	1560	97	
Little lime	1560	1598	38	
pencil Cave	1598	1601	3	
Big lime	1601	1806	205	
Red rock	1806	1828	22	
rajun	1828	1843	15	
slate	1843	1917	74	
shell	1917	1931	14	7" OD Casing Point 1922'
slate	1931	2115	184	
shell	2115	2160	45	
slate	2160	2180	20	
shell	2180	2223	43	
slate	2223	2396	173	
coffee shale	2396	2410	14	
Berea Grit	2410	2422	12	
slate	2422	2480	58	
shell	2480	2502	22	
White slate	2502	2795	293	
Brown shale	2795	2840	45	
gray shale	2840	3171	331	
Brown shale	3171	3493	322	Show of gas 3335' - 2/10 W-1"
White slate	3493	3503	10	
Total Depth	3503'	Depthometer Measurement		

RECEIVED
 SEP 15 1949
 DIVISION #1017

APPROVED
M. E. Gibson

Devonian shale - 2425' to 3503'
 Total shale - 1081
 no sand logged
 no electric log
 Mary S. Friend
 Geologist

11/10/2023

September 9 19 49

Mr. J. R. Hussey, Div. Supt.

Well No. 6508 (Serial No.) on U.F.G.Co. Min. Tr. #1 Farm

Was shot this date with 4933-1/3# Du Pont G. Latin quarts

Number of Shells 74

Length of Shells 4-1/4" x 10" x 6"

Top of Shot 2788'

Bottom of Shot 3503'

Top of Brown Shale Sand 2788' feet (Name of Sand)

Bottom of Brown Shale Sand 3503' feet (Name of Sand)

Total Depth of Well 3503'

Results: before shot- 2/10 W-1" (14.90 MCF)

after shot- 12/10 W-2" (146 MCF)

Remarks:

RECEIVED
SEP 25 1949
DIVISION SUPT.

Signed W. E. Gibson District Supt.

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

1.0 API well number. (If not assigned, leave blank 14 digits.)	<u>47-099-00666-</u>			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	<u>107DU</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>3503</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).) (a) For onshore wells (35 letters maximum for field name.)	<u>WV Field Area B</u> Field Name			
	<u>Wayne</u> County	<u>WV</u> State		
(b) For OCS wells	<u>NA</u> Area Name			
			<u>NA</u> Block Number	
	<u>NA</u> Date of Lease			
	<u>Mo</u>	<u>Day</u>	<u>Yr.</u>	<u>NA</u> OCS Lease Number
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>TCO Min Tr. No. 1</u>		<u>806508</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>Mo. Day Yr.</u> *			
(c) Estimated total annual production from the well	<u>31</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>De-reg</u>	<u>---</u>	<u>---</u>
9.0 Person responsible for this application:	<u>Albert H. Mathena, Jr., Director, Production Eng.</u> Name			
Agency Use Only	<u>Albert H. Mathena</u> Signature		<u>Title</u>	
Date Received by Juris. Agency	<u>5-20-82</u> Date Application is Completed		<u>(304) 346-0951</u> Phone Number	
<u>JUN 3 - 1982</u>				
Date Received by FERC				

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

Stepped to way 667

NO CASE # 33 (7-12-83)

Order # 1

attached

11/10/2023

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:

11/10/2023

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's Well No. 806508

API Well No. 47 - 099 - 00666
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 1083²⁶'
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.

ADDRESS _____

Meter Chart Code _____

Date of Contract N.A.

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

Date surface drilling began: 7-16-1949

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)(1) 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 20 day of May, 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 20 day of May, 1982.
My term of office expires on the 13 day of August, 1989.

(NOTARIAL SEAL)

Larry G Burdette
Notary Public

11/10/2023

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

Date 5-20, 19 82

Operator's Well No. 806508

API Well No. 47 - 099 - 00666
State County Permit

Previous File No. _____
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Columbia Gas Trans. Corp.

DESIGNATED AGENT James L. Weekley

ADDRESS P. O. Box 1273
Charleston, WV 25325

ADDRESS P. O. Box 1273
Charleston, WV 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.) 107 DV Section of NGPA - 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,
Name (Print) Production Engineering
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 Phone Number
Code

*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 (NGP).

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 3 - 1982

Director

By _____
Title _____

11/10/2023

Date received by _____
Jurisdictional Agency