



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.

United Fuel Gas Company  
COAL OPERATOR OR COAL OWNER  
Charleston, W. Va.  
ADDRESS

Ray Brothers Drilling Co.  
NAME OF WELL OPERATOR  
710 Kanawha Valley Building  
Charleston, W. Va.  
COMPLETE ADDRESS

\_\_\_\_\_  
COAL OPERATOR OR COAL OWNER  
\_\_\_\_\_  
ADDRESS

March 9, 1959  
PROPOSED LOCATION  
Butler District

\_\_\_\_\_  
OWNER OF MINERAL RIGHTS  
\_\_\_\_\_  
ADDRESS

Wayne County  
Well No. 2 38° 10' 82° 25' E. 679.03'  
UNITED FUEL GAS COMPANY 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 January 10, 1959, made by United Fuel Gas Co., to Ralph E. Davis, et al, and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, in the office of the County Clerk for said County in Book \_\_\_\_\_, page \_\_\_\_\_ (Working agreement, not recorded).

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 Same 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,

RAY BROTHERS DRILLING CO.

James S. Ray WELL OPERATOR  
710 Kanawha Valley Building  
STREET

Address of }  
of }  
Well Operator }

Charleston

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.

WAY-1174

PERMIT NUMBER

1174





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.

Ray Brothers Drilling Co.  
710 Kanawha Valley Building  
Charleston, W. Va.

United Fuel Gas Company  
Charleston, W. Va.

March 9, 1922  
PROPOSED LOCATION

Butler District

Wayne County

Well No. 2 24.22 & 27.03

UNITED FUEL GAS COMPANY

The undersigned well operator is entitled to drill upon the above named tract or tract of land for oil and gas, having for the title thereof, for as the case may be, under grant or lease dated January 10, 1922 made by United Fuel Gas Co. to Ralph B. Davis, et al. and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ in the office of the County Clerk for said County in \_\_\_\_\_ (County name, not recorded).

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 tract and in the Mineral District of \_\_\_\_\_ 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 on or about said tract or tract of land on which said well is located, or within 500 feet of the boundary 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 adjacent.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location of well, 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 failure to file such objections will be treated as a consent to the proposed location of well on 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 \_\_\_\_\_ days before \_\_\_\_\_ on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston.

Very truly yours,

RAY BROTHERS DRILLING CO.  
710 Kanawha Valley Building  
Charleston, W. Va.

Address of Well Operator

Charleston West Virginia

08/18/2023

If no such objections be filed or be found by the department of mines within said period of ten days from the receipt of this notice and plat by the department of mines at said proposed location the department shall forthwith issue to the well operator a drilling permit certifying the line of such well that no objections have been made by the coal operators to the location or found records by the department and that the same is approved and the well operator authorized to proceed to drill at said location.



A-10

Mr. J. L. Hutchinson

October 8, 1959

Porter Brown

Gas Analysis - Wayne 1174

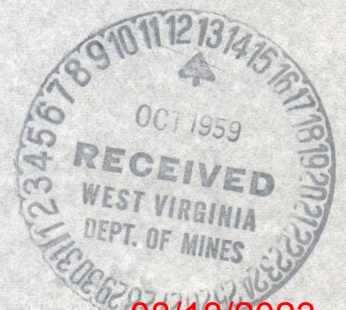
Ray Brothers Drilling Company  
Wayne 1174 - Map Square 16-43  
Farm: United Fuel Gas Company  
Big Six Gas

Analysis

	<u>Percent</u>
Methane	80.1
Ethane	1.2
Propane	.333
Other Higher Hydrocarbons	.286
Carbon Dioxide	17.2
Nitrogen	.840
Calculated B.T.U.	835.8
Sulphur	6 grains

Porter Brown

FB:am



08/18/2023



11/10



October 8, 1929

Mr. J. L. Hutchinson

Porter Brown

Gas analysis - 11/10

Gas analysis - 11/10  
Porter Brown  
United Fuel Gas Company  
Big Six Gas

Analysis

Percent  
80.1  
1.3  
17.3  
1.3  
9.2  
0.8

Methane  
Ethane  
Propane  
Other higher hydrocarbons  
Carbon dioxide  
Nitrogen  
Calculated H<sub>2</sub>O  
Sulfur

Porter Brown

11/10



08/18/2023



B-2

Formation	Color	Hard or Soft	Top 18	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1116	1121	Hole full water	40'	
Slate			1121	1130	Water	739' -	1 BPH
Little Lime			1130	1155	Water	773' -	2 BPH
Pencil Cave			1155	1156	Hole full water	810'	
Big Lime			1156	1332			
Injun Sand			1332	1481	Gas	1959' - 2/10 W 1/2" -	4 M
Slate and Shells			1481	1832			blew down
Lime Shells			1832	1852			
Slate and Shells			1852	1881	Gas	2090' 2/10 W 1/2" -	4 M
Lime Shells			1881	1896			blew down
Slate and Shells			1896	1934			
Coffee Shale			1934	1959	Gas	2656' 2/10 W 1/2" -	4 M
Berea Sand			1959	1984	Gas	3234' 4/10 W 1/2" -	5 M
Lime Shells			1984	2018			
Slate and Shells			2018	2078	Black Water @	3234'	
Brown Shale			2078	2165			
Slate and Shells			2165	2325	Gas	3745-3751' - 4/10 W 2" -	84 M
Brown Shale			2325	2470	Gas	3767-3775' - 6/10 W 2" -	103 M
White Slate			2470	2490			20% - CO <sub>2</sub>
Brown Shale			2490	2815			6 Grains Sulphur
White Slate			2815	3015			
Brown Shale			3015	3071	Hole caving -	3950'	
Corniferous Lime			3071	3701			
Big Six			3701	3797	Test	4088' - 28/10 W 1" -	56 M
Slate			3797	3816			
Red Shale			3816	3925	Gas	4274' - 30/10 W 1" -	58 M
Slate			3925	4004			
Red Shale			4004	4088			
Slate and Shells			4088	4120			
Red Shale			4120	4163			
Sand			4163	4195			
Red Shale			4195	4202			
Slate and Shells			4202	4274			
Red Shale			4274				
Total Depth		4278'					

08/18/2023

Date October 12th, 19 59  
 APPROVED Ray Bros. Drilling Company, Owner  
 By James S. Ray  
 Jas. S. Ray (Title)



Quadrangle **WAYNE**

Permit No. **5202/81180**

**WELL RECORD**

Oil or Gas Well **DRY**

OIL AND GAS DIVISION / 8

DEPARTMENT OF MINES

STATE OF WEST VIRGINIA



Ray Bros. Drilling Company

Jes. S. Ray (Title)

October 1959

Owner

Company **Ray Bros. Drilling Company**  
 Address **710 Kanawha Building, Charleston, W. Va.**  
 Farm **United Fuel Gas Co. Fee Acres 200**  
 Location (waters) **Sycamore Creek**  
 Well No. **2** Elev. **679.03'**  
 District **Butler** County **Wayne**  
 The surface of tract is owned in fee by **United Fuel Gas Co., Box #1273** Address **Charleston, W. Va.**  
 Mineral rights are owned by **United Fuel Gas Co. Box #1273** Address **Charleston, W. Va.**  
 Drilling commenced **6/29/59**  
 Drilling completed **10/3/59**  
 Date Shot From To  
 With  
 Open Flow /10ths Water in Inch  
 Volume Cu. Ft.  
 Rock Pressure lbs.  
 hrs.  
 Oil Depth bbls, 1st 24 hrs.  
 WELL ACIDIZED  
 WELL FRACTURED

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

RESULT AFTER TREATMENT  
 ROCK PRESSURE AFTER TREATMENT  
 Fresh Water

Formation	Color	Hard or Soft	3' Top	3' Bottom	Oil, Gas or Water	Depth	Remarks
Surface			37.0	381.6			
Sand	blue		37.6	373.0			Test 4038' - 32 1/10 W 1" - 56 M
Clay			30.30	370.38			Hole caving - 3850'
Sand			144	301.85			
Slate			185	321.4			6 Grains sulphur
Sand			214	342.77			302' - CO <sub>2</sub>
Sand			277	343.26			Gas 3767-3775' - 6 1/10 W 5" - 103 M
Slate			326	333.36			Gas 3745-3751' - 4 1/10 W 5" - 84 M
Sand			336	313.70			
Slate			370	303.84			Black Water @ 3234'
Sand			384	303.97			
Sand			397	146.5			Gas 3234' 4 1/10 W 1/2" - 5 M
Sand			465	149.3			Gas 3225' 2 1/10 W 1/2" - 4 M
Slate			493	151.6			
Sand			516	185.32			blow down
Slate			532	185.65			Gas 2090' 2 1/10 W 1/2" - 4 M
Salt Sand			565	189.87			blow down
Slate break			987	189.92			
Salt Sand			992	103.3			Gas 1953' - 2 1/10 W 1/2" - 4 M
Slate			1033	103.7			
Maxon Sand			1037	109.3			Hole full water 810'
Slate			1093	110.3			Water 773' - 3 BPH
Red Rock			1103	111.0			Water 739' - 1 BPH
Slate			1110	111.6			Hole full water 40'

(over)



B-3

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1174

Oil or Gas Well 2  
(KIND)

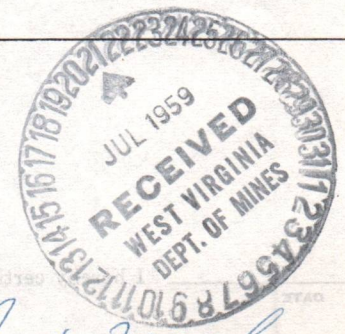
Company Ray Brothers Drilling Co.  
 Address 710 Kanawha Valley Bldg. Charleston, West Va.  
 Farm U.F.G.Co. Tract  
 Well No. 2  
 District Butler County Wayne  
 Drilling commenced 6/29/59  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water 40 feet 739\* feet  
 Salt water 810 feet 739' feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
13	10'		
10	490'		Size of
8 1/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Joe Perry  
Basil Fouty

Remarks: Salt Sand 565'-987'; drilling depth 1105'.



*Joe Perry*

7-16-59  
DATE

DISTRICT WELL INSPECTOR  
08/18/2023







B-4

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

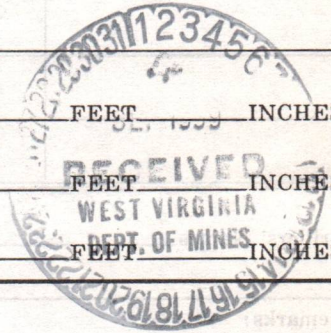
Permit No. WAY-1174 Oil or Gas Well 2  
(KIND)

Company Ray Bros. Drilling Co.  
710 Kanawha Valley Bldg.  
Address Charleston, W. Va.  
Farm U.F.G.Co. Min. Tract  
Well No. 2  
District Butler County Wayne  
Drilling commenced 6-29-59  
Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 40 feet 739' feet  
Salt water 810 feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
13	10'		
10	490'		Size of
8 1/4	1557'		
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES



Drillers' Names Joe Perry  
Basil Fouty

Remarks: Salt Sand 565'-987'; Slate 987'-992'; Salt Sand 992'-1033'; Big Lime 1156'-1332'; Berea Sand 1959'-1984'; Brown Shale 2078'-2165'; Brown Shale-2325'-2470'; Brown Shale 2490'-2815'; Brown Shale 3015'-3071'; Corniferous Lime 3071'; drilling at 3109'; Gas 2/10 Water 1/2" @ 2665'.

8-24-59

DATE

*J.W. Pack*

DISTRICT WELL INSPECTOR

08/18/2023







B-5

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

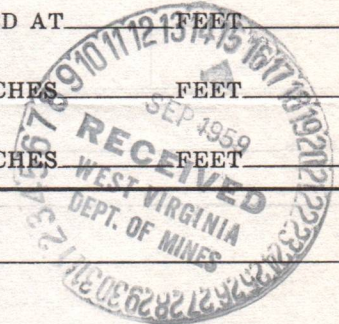
Permit No. WAY-1174

Oil or Gas Well 2  
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>Ray Bros. Drilling Co.</u>				
Address	<u>710 Kanawha Valley Bldg.</u>	Size			Kind of Packer
	<u>Charleston, West Va.</u>				
Farm	<u>U.F.G.Co. Min. Tract</u>	16			
Well No.	<u>2</u>	13	<u>10'</u>		
District	<u>Butler</u> County <u>Wayne</u>	10	<u>490'</u>		Size of
Drilling commenced	<u>6-29-59</u>	8 1/4	<u>1557'</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	feet	COAL WAS ENCOUNTERED AT			
Salt water	feet				FEET INCHES

Drillers' Names Joe Perry  
Basil Fouty

Remarks: Visited well the 9-11-59 and found well shut down. I was told they had drilled to the Corniferous Lime and was shut down for casing.



9-11-59  
DATE

*J.W. Pack*  
DISTRICT WELL INSPECTOR  
08/18/2023







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

B-6

INSPECTOR'S WELL REPORT

Permit No. WAY-1174

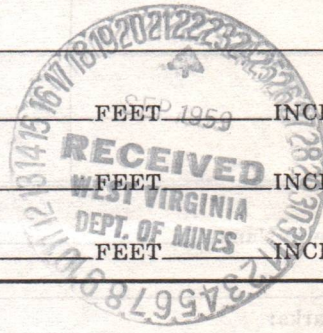
Oil or Gas Well Gas  
(KIND)

<p>Company <u>Ray Brothers Drlg. Co.</u> <u>710 Kanawha Valley Bldg.</u> Address <u>Charleston, West Va.</u></p> <p>Farm <u>U.F.G.Co. Tract</u></p> <p>Well No. <u>Bu21er</u></p> <p>District <u>Butler</u> County <u>Wayne</u></p> <p>Drilling commenced <u>June 29, 1959</u></p> <p>Drilling completed _____ Total depth _____</p> <p>Date shot _____ Depth of shot _____</p> <p>Initial open flow _____ /10ths Water in _____ Inch</p> <p>Open flow after tubing _____ /10ths Merc. in _____ Inch</p> <p>Volume _____ Cu. Ft.</p> <p>Rock pressure _____ lbs. _____ hrs.</p> <p>Oil _____ bbls., 1st 24 hrs.</p> <p>Fresh water <u>40</u> feet <u>739</u> feet</p> <p>Salt water <u>810</u> feet _____ feet</p>	<p>CASING AND TUBING</p> <p>Size</p> <p>16</p> <p>13</p> <p>10</p> <p>8 1/4</p> <p>6 5/8</p> <p>5 3/16</p> <p>3</p> <p>2</p> <p>Liners Used</p>	<p>USED IN DRILLING</p> <p>10"</p> <p>490'</p> <p>1557'</p> <p>3653'11"</p>	<p>LEFT IN WELL</p>	<p>PACKERS</p> <p>Kind of Packer</p> <p>7" Csg. set on shoe @ 3653'11"</p> <p>Size of _____</p> <p>Depth set _____</p> <p>Perf. top _____</p> <p>Perf. bottom _____</p> <p>Perf. top _____</p> <p>Perf. bottom _____</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------	---------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Drillers' Names Joe Perry

Basil Fouty

Remarks: Top Corniferous Lime 3071'; sulphur gas from 3227'-3234' - testing 4/10 Water in 1/2" opening; Black Water 3227'-3234'; drilling depth 3625'; I told the drillers to have Mr. Crebs to put Braden Head on the sulphur gas.



9-16-59

DATE

*JW Pack*

DISTRICT WELLS INSPECTOR

08/18/2023











STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. \_\_\_\_\_ Oil or Gas Well \_\_\_\_\_  
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING Size 16 13 10 8 1/4 6 5/8 5 3/16 3 2 Liners Used	USED IN DRILLING	LEFT IN WELL	PACKERS Kind of Packer _____ Size of _____ Depth set _____ Perf. top _____ Perf. bottom _____ Perf. top _____ Perf. bottom _____
CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____				
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES _____ FEET _____ INCHES _____ FEET _____ INCHES _____ FEET _____ INCHES _____ FEET _____ INCHES				

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

DATE \_\_\_\_\_ DISTRICT WELL INSPECTOR \_\_\_\_\_

08/18/2023



B-9

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

WORK ORDER PREPARED BY THE DEPARTMENT OF MINES

Total depth 4278' - aquagel behind 7-inch

Fill with aquagel to 3700'

Neat cement 3700' to 3690'

~~CRUSHED~~

Crushed stone 3690' - 3680'

Test well for seal on sulphur gas

Set patented plug, if necessary, to seal off sulphur gas or set plug at 3100' - as 7-inch is lifted

*after filling to 3100'*

Continue to fill with "gel" or clay to 3180'

Cement 3100' - 3090' - 10' crushed stone

Tar paper, if necessary in plug, to seal off "Black water".

Pull balance of 7-inch

Continue to fill with "gel" or other non-porus material to 1900' ~~or~~ SET A PERMANENT BRIDGE at 2000' - bottom of Berea.

2 sacks neat cement and 5' crushed stone on bridge

Fill with clay to 1900'

Neat cement 1900' - 1890' - 5' crushed stone

Continue filling with clay to 1575' - 30' below 8-inch casing

Neat cement 1575' - 1565'

5' crushed stone on cement

as 8-inch is lifted

Fill with non-porus material to 1150' -

neat cement 1150' - 1140'

Pull balance of 8-inch

SET A PERMANENT BRIDGE at 800' - a point in the Salt Sands

Fill with clay to 520' - 30' below 10-inch

Neat cement 520' - 510'

To the Department of Mines

Coal Owner or Operator,

Lease or Property Owner.

5' crushed stone on cement

PULL 10-inch casing and

Fill with clay to surface

Gentlemen: **ERECT MARKER, in compliance with Rule 18, 1931 Regulations.**

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,

*James S. Ray*

Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

13th, **OCTOBER**, 19 **59**.

08/18/2023

DEPARTMENT OF MINES  
Oil and Gas Division

By: *M. E. Giggie*

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

The United Fuel Gas Company  
COAL OPERATOR OR OWNER  
Box No. 1273  
Charleston, West Virginia  
ADDRESS  
COAL OPERATOR OR OWNER  
ADDRESS  
LEASE OR PROPERTY OWNER  
ADDRESS

Ray Bros. Drilling Company  
NAME OF WELL OPERATOR  
710 Kanawha Valley Building  
Charleston, West Virginia  
COMPLETE ADDRESS  
194  
WELL AND LOCATION  
Butter District  
Wayne County  
Well No. 2  
United Fuel Gas Co.-Fee Farm

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Kanawha } SS:

Basil Fouty and Joseph Stack  
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Krebs Oil Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 14th day of October, 1959, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL			PLUGS USED	CASING	
	FORMATION	CONTENT	FROM TO		SIZE & KIND	CSG PULLED
T.D. 4278'		Aquagel	4278 3700			
		Cement	3700 3690			
		Crushed stone	3690 3680		7"-3653'	
		Clay	3680 3100			
Set by Birdwell, Inc		Baker Plug	3100 3095	Patent Plug		
		Cement	3095 3085			
		Crushed stone	3085 3075			
		Aquagel & clay	3075 1984			
Berea		Bridge	1984 1974		8"-1545'	
		2 sacks cement				
		5 ft. stone	1974 1959			
		Clay	1959 1950			
		2 sacks cement				
		5 ft. stone	1900 1890			
		Clay	1890 1575		10"-490'	
COAL SEAMS		2 sacks cement				
		5 ft. stone	1575 1560			
		Clay	1560 1150		13"- 10'	
		Cement	1150 1140			
		Bridge @ 800'				
(NAME)		Clay	800 520	DEEP HOLE GAS CO. NO. 2		
(NAME)		Cement & stone	520 510	United Fuel Gas Co.-Fee		
(NAME)		Clay to Surface	510 Surface	October 26th, 1959		
(NAME)						

and that the work of plugging and filling said well was completed on the 29th day of October, 1959.

And further deponents saith not.

Sworn to and subscribed before me this 30th day of October, 1959.

My commission expires:

February 24, 1965

Basil Fouty  
Joseph Stack  
Janet D. Moore  
Notary Public.

08/18/2023

Permit No. WAYNE 1174 -P



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETURNED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH WELL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

The United Fuel Gas Company  
 Box No. 1273  
 Charleston, West Virginia  
 ADDRESS

Ray Bros. Drilling Company  
 710 Kanawha Valley Building  
 Charleston, West Virginia  
 COMPLETE ADDRESS

LEASE OR PROPERTY OWNER  
 WELL AND LOCATION  
 DISTRICT  
 COUNTY  
 Well No. 2  
 United Fuel Gas Co.-Fee  
 STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA  
County of Kanawha

East Forty and Joseph Stock  
 being duly sworn according to law depose and say that they are experienced in the work of  
 plugging and filling oil and gas wells and were employed by United Fuel Gas Company  
 well operator and participated in the work of plugging and filling the above well, that said work  
 was commenced on the 14th day of October, 1929, and that the well was plugged  
 and filled in the following manner:

DEPTH OF WELL	MATERIAL	PLUGGING MATERIAL		DEPTH OF WELL	CASH
		FROM	TO		
Surface	Clay to surface	210	210	Surface	210
210	Cement & stone	220	210	210	210
300	Clay	300	220	220	210
1150	Cement	1150	300	300	210
1275	Clay	1275	1150	300	210
1300	Clay	1300	1275	300	210
1300	5 lb. stone	1300	1300	300	210
1300	5 sacks cement	1300	1300	300	210
1300	Clay	1300	1300	300	210
1300	5 lb. stone	1300	1300	300	210
1300	5 sacks cement	1300	1300	300	210
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1300	5 lb. stone	1300	1300	300	210
1300	5 sacks cement	1300	1300	300	







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. \_\_\_\_\_ Oil or Gas Well \_\_\_\_\_  
(KIND)

	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company _____	Size _____			Kind of Packer _____
Address _____	16 _____			
Farm _____	13 _____			
Well No. _____	10 _____			Size of _____
District _____ County _____	8 1/4 _____			
Drilling commenced _____	6 3/4 _____			Depth set _____
Drilling completed _____ Total depth _____	5 3/16 _____			
Date shot _____ Depth of shot _____	3 _____			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2 _____			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____

Casing cemented _____	SIZE _____	No. FT. _____	Date _____
Rock pressure _____ lbs. _____ hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES		
Oil _____ bbls., 1st 24 hrs.	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES
Salt water _____ feet _____ feet	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES

Drillers' Names \_\_\_\_\_

Remarks:

I hereby certify I visited the above well on the date \_\_\_\_\_  
DATE







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. \_\_\_\_\_ Oil or Gas Well \_\_\_\_\_  
(KIND)

	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company _____	Size _____			Kind of Packer _____
Address _____	16 _____			
Farm _____	13 _____			
Well No. _____	10 _____			Size of _____
District _____ County _____	8 1/4 _____			
Drilling commenced _____	6 5/8 _____			Depth set _____
Drilling completed _____ Total depth _____	5 3/16 _____			
Date shot _____ Depth of shot _____	3 _____			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2 _____			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

I hereby certify I visited the above well on this date \_\_\_\_\_  
DATE



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

**INSPECTOR'S PLUGGING REPORT**

Permit No. WAY-1174-P Well No. 2  
 COMPANY Ray Brothers Drilling Co. ADDRESS 710 Kanawha Valley Bldg. Charleston, W. Va.  
 FARM U. F. G. Co. Fee DISTRICT Butler COUNTY Wayne

Filling Material Used Set Baker at 3214'.

Liner	Location	Amount	Packer	Location			
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST
The gas in Brown Shale and Berea Sand will not gauge in 1/2" opening after tube Plug was set.							

Drillers' Names Joe Perry  
Basil Fouty

Remarks: Open flow on well was 30/10 Water 1" or 57,000 MCF before setting Baker Plug. Plug was set @ 3214', 20 ft. above sulphur gas and black water. Gas will not gauge in 1/2" opening after plug was set; put 2 sacks cement on top of plug and 5 ft. of crushed stone. Baker Plug was set by Birdwell Corp. of Bradford, Penna.

10-20-59  
DATE

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

*J.W. Pack*



DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. \_\_\_\_\_ Oil or Gas Well \_\_\_\_\_  
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING  Size  16  13  10  8¼  6½  5 3/16  3  2  Liners Used	USED IN DRILLING	LEFT IN WELL	PACKERS  Kind of Packer _____  Size of _____  Depth set _____  Perf. top _____ Perf. bottom _____  Perf. top _____ Perf. bottom _____
		CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____		
		COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES _____ FEET _____ INCHES _____ FEET _____ INCHES _____ FEET _____ INCHES _____ FEET _____ INCHES		

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

I hereby certify I visited the above well on this date \_\_\_\_\_

DATE

DISTRICT WELL INSPECTOR

08/18/2023



C-9

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. WAY-1174-P

Well No. 2

COMPANY Ray Brothers Drilling Co.

ADDRESS 710 Kanawha Valley Bldg.  
Charleston, West Va.

FARM U. F. G. Co. Fee

DISTRICT Butler

COUNTY Wayne

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
						3653'	7"	0
						1545'	8-5/8"	0
						490'	10-3/4"	0

Drillers' Names Joe Perry

Basil Fouty

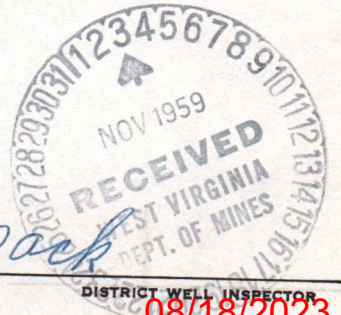
Remarks: Set bridge @ 2,000'; cement 2,000'-1990'; curhsed stone 1990'-1985'; clay 1985'-1575'; cement 1574'-1565'; crushed stone 1565'-1560'; clay 1560'-1150'; cement 1150'-1140'; bridged hole @ 800'; clay fill to 520'; cement 520'-510'; crushed stone 510'-505'; clay 505'- surface. Left 10 ft. of wooden conductor in well.

10-26-59

DATE

I hereby certify I visited the above well on this 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. \_\_\_\_\_ Oil or Gas Well \_\_\_\_\_  
(KIND)

	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company _____	Size			Kind of Packer _____
Address _____	16			
Farm _____	13			Size of _____
Well No. _____	10			
District _____ County _____	8 1/4			Depth set _____
Drilling commenced _____	6 5/8			
Drilling completed _____ Total depth _____	5 3/16			Perf. top _____
Date shot _____ Depth of shot _____	3			Perf. bottom _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. bottom _____
Volume _____ Cu. Ft.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Rock pressure _____ lbs. _____ hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Oil _____ bbls., 1st 24 hrs.	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

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

10-25-22  
BY

08/18/2023



E-6

March 11, 1959

Ray Brothers Drilling Company  
710 Kanawha Valley Building  
Charleston, West Virginia

Dear Sirs:

Please have an official of your company sign the enclosed application to drill Well No. 2 on the United Fuel Gas Company Tract, Butler District, Wayne County. Also show date lease was recorded, book and page.

Please return application as soon as possible.

Very truly yours,

Crawford L. Wilson, Director  
DEPARTMENT OF MINES

BY: \_\_\_\_\_  
Assistant Director  
OIL AND GAS DIVISION

MG//dm  
encl - 1  
cc Mr. James W. Pack, Inspector  
Oil and Gas Wells  
Hamlin, West Virginia

Mr. Pack, the permit number will be WAY-1174.

MG

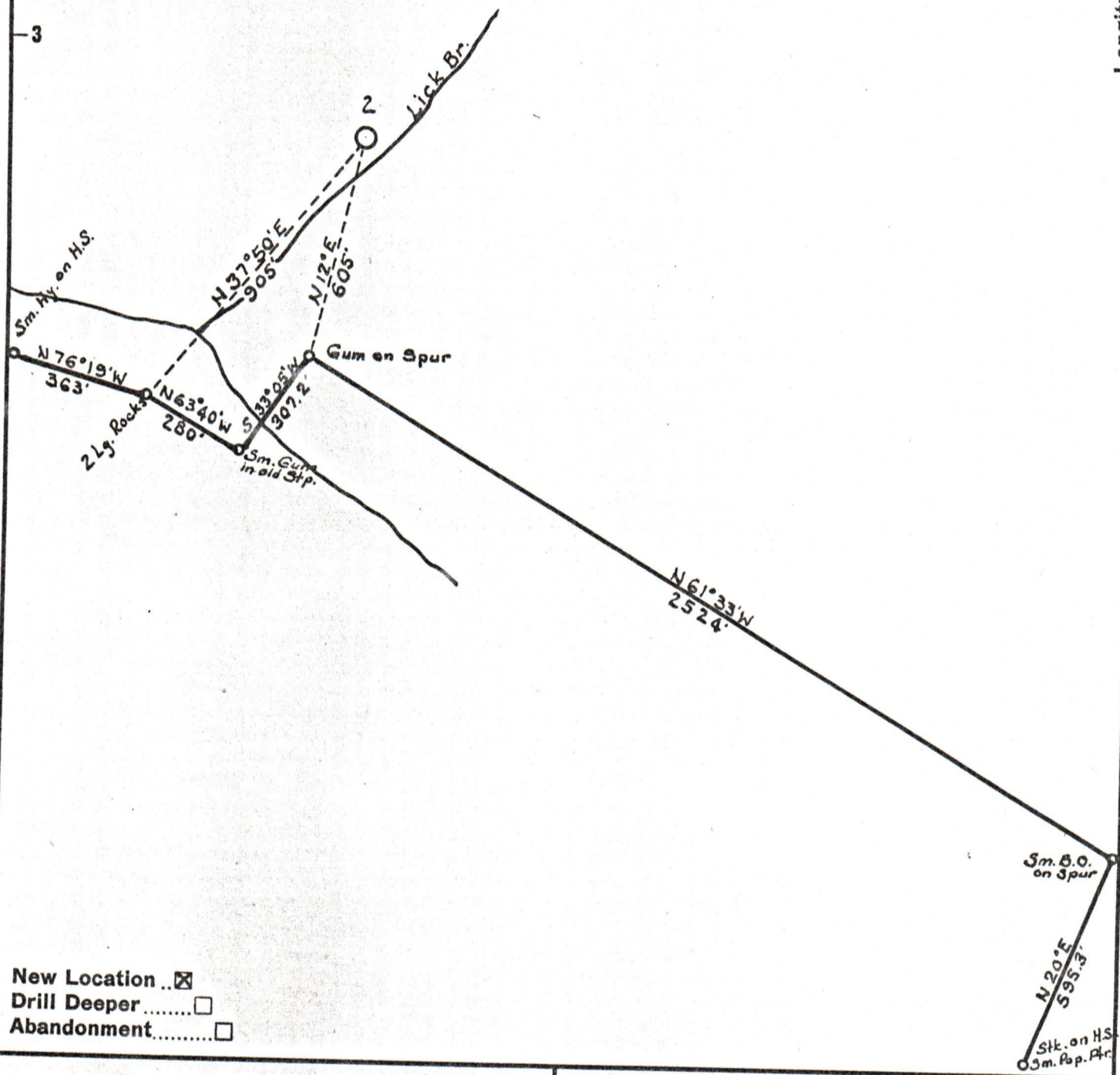
08/18/2023



Latitude 38° 10'

Longitude 82° 25'

UNITED FUEL GAS CO. MIN.



Company RAY BROS. DRILLING CO.  
 Address 710 KANAWHA VALLEY BLDG.  
 Farm UNITED FUEL GAS CO., MIN.  
 Tract \_\_\_\_\_ Acres \_\_\_\_\_ Lease No. \_\_\_\_\_  
 Well (Farm) No. 2 Serial No. 2  
 Elevation (Spirit Level) 679.03  
 Quadrangle WAYNE  
 County WAYNE District BUTLER  
 Engineer PAUL E. JOACHIM  
 Engineer's Registration No. 669  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date DEC. 20, 1958 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. WAY-1174 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.