

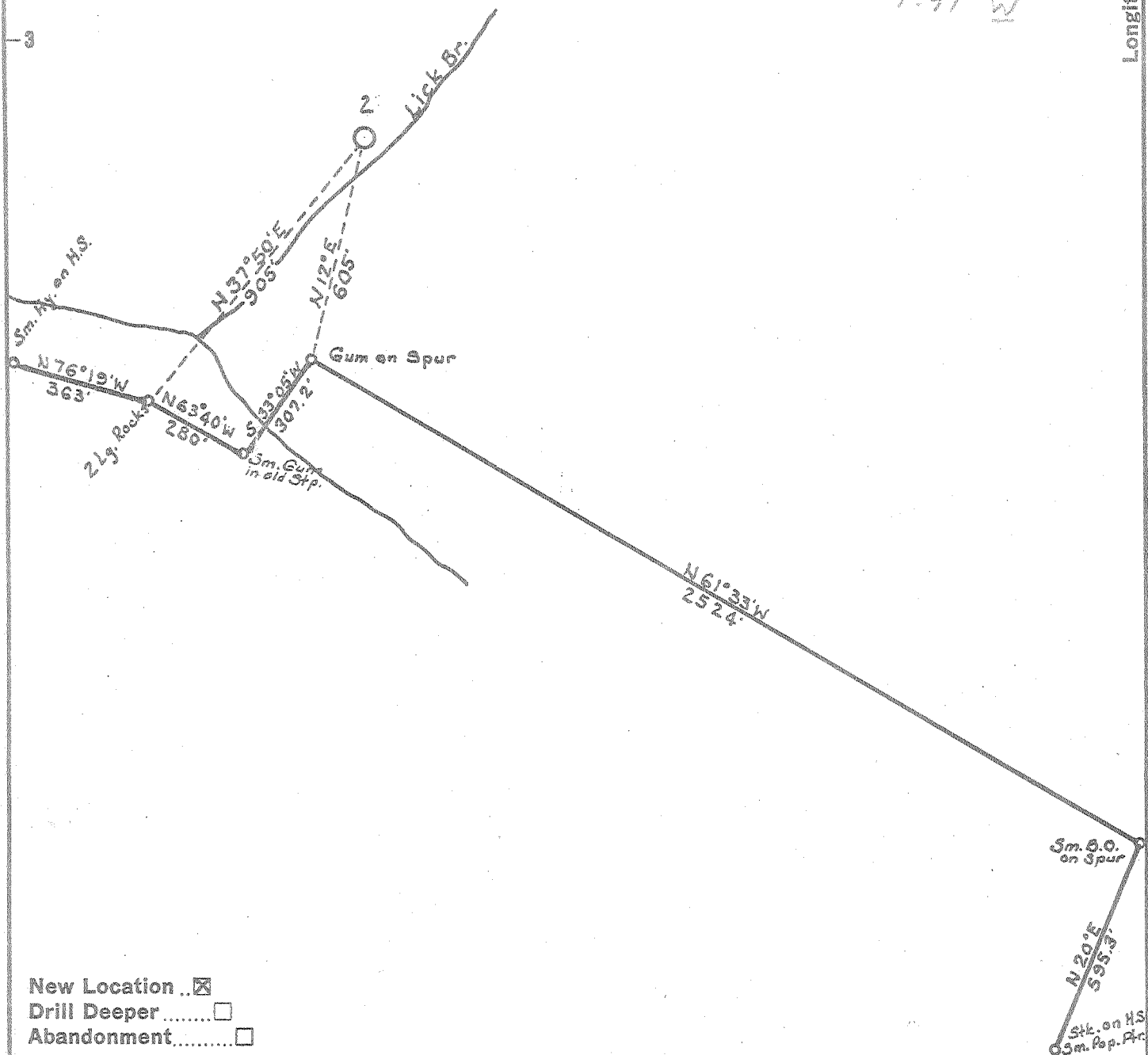
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Latitude 38° 10'

Longitude 82° 25'

UNITED FUEL GAS CO. MIN.

2.32
1.91
WMS



- New Location
- Drill Deeper
- Abandonment

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 - WC
 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

+ 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.

5-0-0

Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION / 8

10/29/59
Abandoned

Quadrangle WAYNE

WELL RECORD

Permit No. 1174

Oil or Gas Well DRY
(KIND)

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
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ 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			
13-3/8"	10'	10'	
10-3/4"	490'	Pulled	Size of
8-5/8"	1545'	"	
6-7/8"	3653'	"	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

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	6			
Sand			6	30			
Clay	blue		30	38			
Sand			38	144			
Slate			144	185			
Sand			185	214			
Slate			214	277			
Sand			277	326			
Slate			326	336			
Sand			336	370			
Slate			370	384			
Sand			384	397			
Slate			397	465			
Sand			465	493			
Slate			493	516			
Sand			516	532			
Slate			532	565			
Salt Sand			565	987			
Slate break			987	992			
Salt Sand			992	1033			
Slate			1033	1037			
Maxon Sand			1037	1093			
Slate			1093	1103			
Red Rock			1103	1110			
Slate			1110	1116			

(over)

Formation	Color	Hard or Soft	Top	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 ₂
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'					

Date October 12th, 19 59

APPROVED Ray Bros. Drilling Company, Owner
 By James S. Ray
Jas. S. Ray (Title)