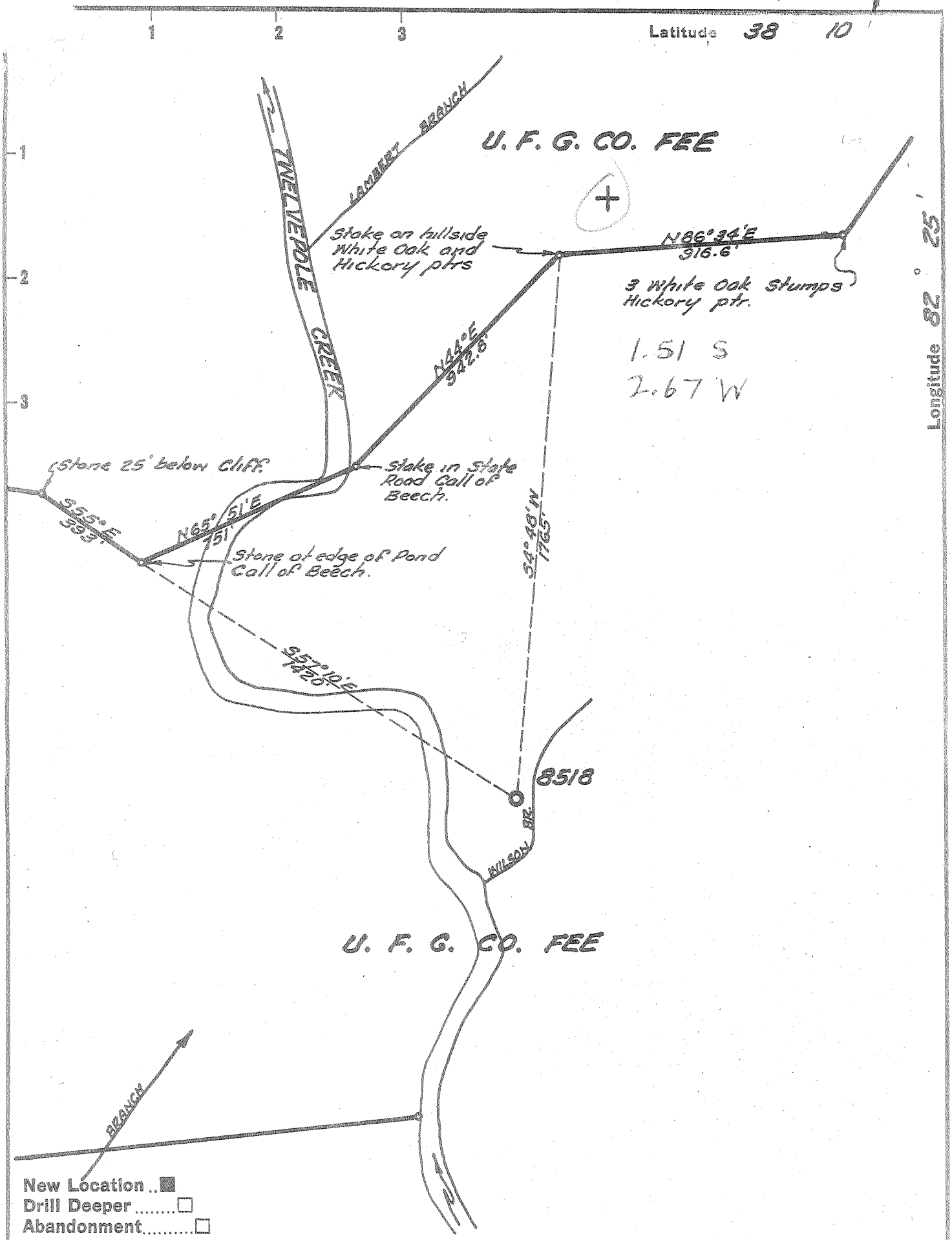


P

Latitude 38 10

Longitude 82 25



- New Location
- Drill Deeper
- Abandonment

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm UNITED FUEL GAS CO. FEE
 Tract _____ Acres 5382.65 Lease No. 35724
 Well (Farm) No. _____ Serial No. 8518
 Elevation (Spirit Level) 626.00'
 Quadrangle WAYNE - W
 County WAYNE District BUTLER
 Engineer Seybert R. Howell
 Engineer's Registration No. 2529
 File No. 16-45 Drawing No. _____
 Date 3-13-57 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. WAY-1042

+ 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.

Samples 8-B 6-B 4 (353) Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 15

Quadrangle Wayne

WELL RECORD

Permit No. WAY-1042

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Co.
Address P. O. Box 1273; Charleston 25, W. Va.
Farm United Fuel Gas Co. Fee Acres 5,382.65
Location (waters) Twelvepole Creek
Well No. 8518-T Elev. 626.0
District Butler 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 4-20-57
Drilling completed 6-8-57
Date Shot 6-12-57 From 1890 To 1942'
With 500# Gelatin

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	<u>3/8</u>	<u>23'</u>	
10	<u>3/4</u>	<u>448</u>	Size of
8	<u>5/8</u>	<u>1136</u>	
7	<u>5/8</u>	<u>1106</u>	Depth set
5	<u>3/16</u>		
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow 105 /10ths Water in 2 Inch
/10ths Merc. in _____ Inch
Volume 972,000 ^{Big} _{37.3} Cu. Ft.
Rock Pressure 540 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.

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

COAL WAS ENCOUNTERED AT 100 FEET 60 INCHES
396 FEET 60 INCHES FEET INCHES
After acid 671M FEET INCHES FEET INCHES

WELL FRACTURED 6-15-57 with 4000 gallon fluid and 4000# Sand

RESULT AFTER TREATMENT Test 6-25-57 - 13/10 W 1" 38 M

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 50' Feet Salt Water 700 750 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Gravel			0	40	Hole full water	50'	
Sand			40	100			
Coal			100	105	Water	700' 1 - 10" bailer per hour	
Sand			105	190			
Slate			190	213	Hole full water	750'	
Sand			213	229			
Slate			229	290	Show gas	770'	
Sand			290	390			
Slate			390	396	Gas	1245-1251' 40/10 W 3" 600 M	
Coal			396	401		blew down to 38/10 W 3" 585 M	
Slate			401	435			
Sand			435	453	Show gas	1892'	
Slate			453	555			
Sand			555	580	Gas	2489' 2/10 W 1" 15 M - blew down	
Slate			580	600			
Salt Sand			600	1030	Gas	2615' 2/10 W 1" 15 M	
Slate			1030	1033			
Red Rock			1033	1038	Test before shot	3/10 W 1" 18 M	
Slate			1038	1072	Shot	6-11-57 with 5,133-1/3# Gelatin from	
Little Lime			1072	1105		2245-3016'	
Pencil Cave			1105	1108	Test 1 hour after shot	10/10 W 2" 133 M	
Big Lime			1108	1252			
Injun			1252	1396	Test before shot	8/10 W 1" 30 M	
Lime Shells			1396	1430	Shot	6-12-57 with 500# Gelatin from	
Slate & Shells			1430	1862		1890-1942'	
Coffee Shale			1862	1889	Test 1 hour after shot	30/10 W 1" 58 M	
Berea Sand			1889	1943			
Slate & Shells			1943	2008			
Brown Shale			2008	2158			

(over)

728
107
70

Formation	Color	Hard or Soft	Top / F	Bottom	Oil, Gas or Water	Depth Found	Remarks
White Shale			2158	2245	Test before	Hydrafrac 38/10 W 3" 585 M	
Brown Shale			2245	2735	Hydrafrac Big Lime	6-15-57 with 4000	
White Slate			2735	2950	gallon fluid and 4000# Sand		
Brown Shale			2950	2992	Test 6-25-57 -	13/10 W 1" 38 M	
Corniferous Lime			2992	3016	Test before acidized	67/10 W 1" 86 M	
Total Depth			3016'		Acidized 6-29-57 with 2000 gallons acid		
					Test 4 hours after acidized	44/10 W 1" 70 M	
					Test 7-1-57 after bailing & swabbing	14/10 Merc. 2" 582 M	
					Test 7-2-57 after blowing off fluid	42/10 W 3" 615 M	
					Test 7-3-57 after bailing off 1/3 bailer	fluid 50/10 W 3" 671 M	Acidized
					Test 7-10-57 - open 4 hours before	taking test - 105/10 W 2" 972 M	Big Lime & Shale
					FINAL OPEN FLOW - 972 M - Big Lm., Berea		& Shale
					48 Hr. R.P. 540#		
					Shut in 7-10-57 in 7" casing.		
					PERMIT NO. - WAY -1042		

Date October 30, 19 57

APPROVED UNITED FUEL GAS CO., Owner

By J.R. [Signature]
(Title)

Supt., Civil Engineering Dept.