



Fracture	
Before 6/5/29	<input type="checkbox"/>
New Location	<input checked="" type="checkbox"/>
Drill Deeper	<input type="checkbox"/>
Redrill	<input type="checkbox"/>
Abandonment	<input type="checkbox"/>

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

Company UNITED FUEL GAS CO.

Address CHARLESTON, W. VA.

Farm M. O. ROGERS, ET. AL.

Tract _____ Acres 256.25 (Merger) Lease No. 52937 ET. AL.

Well (Farm) No. _____ Serial No. 9541 P. 1.

Elevation (Spirit Level) 679.04'

Quadrangle RIPLEY WC

County JACKSON District RAVENSWOOD

Engineer Adrian Hodgman

Engineer's Registration No. 2330

File No. 56-95 Drawing No. _____

Date MAY 20, '70 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. JAC-1213

+ 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.

6-6 Ripley 311

Deep Well (Newburg)

JUN 15 1970



AUG 12 1970

United Fuel Gas Co. 52.2927%
Commonwealth Gas 47.7073%

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Ripley

WELL RECORD

Oil or Gas Well **Gas**
(KIND)

Permit No. JAC-1213

Company United Fuel Gas Company
 Address P. O. Box 1273, Charleston, W. Va.
 Farm M. O. Rogers, ET AL Acres 256.25
 Location (waters) Dry Fork of Crooked Creek
 Well No. 9541 P.I. * Elev. 679.04'
 District Ravenswood County Jackson
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced June 16, 1970
 Drilling completed June 26, 1970
 Date Shot _____ From _____ To _____
 With _____
 Open Flow 1/10ths Water in _____ Inch
1/10ths Merc. in _____ Inch
 Volume 35 MMCF _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) _____
 WELL FRACTURED (DETAILS) Mud Acid 500 Gal. Fill up 3000 Gal. Treating 10,600 Gal.
Over Flush 7500 Gal. Sand 15,000 20-40 and 20,000 10-20
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) 97.1 MMCF Bottom Hole (Four Point)
 ROCK PRESSURE AFTER TREATMENT 1948.3 psig HOURS _____
 Fresh Water _____ Feet _____ Salt Water 1325 Feet _____
 Producing Sand Newburg Depth 5447

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	115'	115'	
9-5/8	2078'	2078'	Size of
7	5462'	5462'	Depth set
6 5/8			
5 3/16			
4 1/2			
3			Perf. top
2 -3/8	5432'	5432'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
 CASING CEMENTED 7" SIZE _____ No. Ft. _____ Date _____
 Amount of cement used (bags) 150 Sks.
 Name of Service Co. Halliburton
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 Treating 10,600 Gal.
 Sand 15,000 20-40 and 20,000 10-20
97.1 MMCF Bottom Hole (Four Point)
1948.3 psig HOURS _____
 Fresh Water _____ Feet _____ Salt Water 1325 Feet _____
 Producing Sand Newburg Depth 5447

Formation	Color	Ward or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil		0	10				
Red Rock and Sand		10	800				
Sand and Shale		800	1680	Salt Water			
Big Lime		1680	1855				
Injun		1855	1915				
Shale and Sand		1915	2070				
Shale		2070	4602				
Lime - Corniferous <u>463</u>		4602	4700				
Sand Oriskany		4700	4725				
Lime and Dol. <u>1 SAUNA</u>		4725	5431				
Sand Newburg		5431	5445	Gas 5431-5445' Est. 35,000 Mcf			
Dolomite <u>McKenzie</u>		5445	5447				
Total Depth			<u>5447</u>				
			<u>545</u>				
					Test Before Fracturing:		
					35 MMCF		
					Final Open Flow: 97.1 MMCF Bottom Hole		
					Casing Points		
					13-3/8"	121'	Cemented 100 Sks.
					9-5/8"	2071'	Cemented 750 Sks.
					7"	5400'	Cemented 150 Sks.
					Log: Run: Done		
					Permit No. JAC-1213		
					Sub. In. 7"	2070'	70