



- Fracture
- Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment

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 EDNA SHOCKEY, ET. AL.

Tract _____ Acres 27 ^{Merge} Lease No. 52828 ET. AL.

Well (Farm) No. _____ Serial No. 9540

Elevation (Spirit Level) 852.43'

Quadrangle RIPLEY WC

County JACKSON District RAVENSWOOD

Engineer's Registration No. 8200

File No. 56-95 Drawing No. _____

Date JAN. 15, '70 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. JOC-1194

+ 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)
 MAR 02 1970

RECEIVED

JUL 1 1970

Form CG-10



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

OIL & GAS DIVISION DEPT. OF MINES
Rotary
Spudder

Cable Tools

Storage

Oil or Gas Well **Gas** E. MOLL (KIND)

Quadrangle Ripley

Permit No. JAC-1194

WELL RECORD

Company United Fuel Gas Company

Address P. O. Box 1273, Charleston, W. Va.

Farm Edna Shocky ET AL Acres 270

Location (waters) Cherry Camp Run 864.43 KB

Well No. 9540 Elev. 852.43 GL

District Ravenswood County Jackson

The surface of tract is owned in fee by

Address

Mineral rights are owned by

Address

Drilling commenced February 10, 1970

Drilling completed February 24, 1970

Date Shot Not Shot From To

With

Open Flow /10ths Water in Inch

/10ths Merc. in Inch

Volume 20 MMCF Cu. Ft.

Rock Pressure lbs hrs.

Oil bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS)

WELL FRACTURED (DETAILS) Mud Acid 1,000 Gal. Fill Up 8,200 Gal. Treating 25,200 Gal.

Overflush 4,200 Gal. Sand 20-40 27,500 Lbs. Fractured February 27, 1970

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 25 MMCF 25,000 MCF GPD 25,000,000

ROCK PRESSURE AFTER TREATMENT 2183.7 psia HOURS

Fresh Water Feet Salt Water 1500 Feet

Producing Sand Newburg Depth 5649

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	115'	115'	
9-5/8	2141'	2141'	Size of
7	5639'	5639'	
6 1/2			Depth set
5 3/16			
4 1/2			
3			Perf. top
2-3/8	5640'	5640'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.

CASING CEMENTED 7" SIZE 5595 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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale		0	250				
Sand- <i>12 P. 105?</i>		250	300				
Shale		300	1200				
Salt Sand		1200	1500	Salt Water			
Lime - <i>Big lime?</i>		1500	1850				
Sand - <i>I. 105?</i>		1850	1900				
Sandy Shale		1900	2300				
Shale		2300	4801				
Lime - <i>Hunder 105 - 463</i>		4801	4906				
Oriskany		4906	4940				
Lime & Shale <i>Helderberg</i>		4925	5200				
Sandy Shale <i>SALINA</i>		5200	5645				
Newburg		5646			Gas	5647-5651'	Est. 20,000
Total Depth			5651				
			<i>535</i>				
					Test Before Fracturing:		
					20 MMCF		
					Final Open Flow: 25 MMCF (4 Point Potential Test)		
					Casing Points		
					13-3/8"	103'	Cemented 120 Sks.
					9-5/8"	2123'	Cemented 601 Sks.
					7"	5595'	Cemented 150 Sks.
					Logs Run: None		
					Permit No. JAC-1194		
					Shut In 7" casing 377-179		

JUL 11 1970