

- 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 L. L. BRYANT, ET AL.  
 Tract \_\_\_\_\_ Acres 617 Lease No. 63945 ET AL.  
 Well (Farm) No. \_\_\_\_\_ Serial No. 9546-T  
 Elevation (Spirit Level) 2113.63'  
 Quadrangle CLINTONVILLE NE  
 County GREENBRIER District WILLIAMSBURG  
 Engineer Oliver E. Woodman  
 Engineer's Registration No. 2530  
 File No. 120-22 Drawing No. \_\_\_\_\_  
 Date OCT. 27, 1969 Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. Green-20

Cornstark 7.5' quad

+ 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.

Deep Well

RECEIVED

APR 7 1970



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 3

OIL & GAS DIVISION Rotary   
DEPT. OF MINES Spooler

Cable Tools

Storage

Roll

Oil or Gas Well  Driftable  
(KIND)

WELL RECORD

Quadrangle Clintonville

Permit No. Green-20

Company United Fuel Gas Company

Address P.O. Box 1273 Charleston, W. Va. 25325

Farm L. L. Bryant, et al Acres 617

Location (waters) Sinking Creek

Well No. 9546-T Elev. 2113.63'

District Williamsburg County Greenbrier

The surface of tract is owned in fee by L. L. Bryant

Address Clintonville, W. Va.

Mineral rights are owned by L. L. Bryant

Address Clintonville, W. Va.

Drilling commenced 1-5-70

Drilling completed 3-5-70

Date Shot - From - To -

With Not Treated

Open Flow /10ths Water in Inch

/10ths Merc. in Inch

Volume Not enough to gauge Cu. Ft.

Rock Pressure Not taken lbs. hrs.

Oil - bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) Not Treated

WELL FRACTURED (DETAILS) Not Treated

RESULT AFTER TREATMENT (Initial open Flow or bbls.)

ROCK PRESSURE AFTER TREATMENT

Fresh Water 30' ; 160' ; 400' HOURS

Salt Water 2655' ; 3365' ; 3950' ; 4265'

Producing Sand - Depth

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	130'	118'	Size of
10			Depth set
8 9/8	2452'	2440'	
6 5/8	6120'	6108'	
5 3/16			Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

Attach copy of cementing record.

CASING CEMENTED SIZE No. Ft. Date

Amount of cement used (bags) See Reverse Side

Name of Service Co.

COAL WAS ENCOUNTERED AT None FEET INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Siltstone			0	200			
Shale			200	310			
Big Lime			310	1070			
Shale			1070	1130			
Sandstone			1130	1195			
Shale			1195	1418			
Sandstone			1418	1482			
Shale & Siltstone			1482	6060			
Shale			6060	6114			
Huntersville	Chert		6114	6320	Show gas 6128'		
Oriskany			6320	6388			7620
Limestone			6388	6412			2114
Sandstone			6412	6440			5506
Limestone			6440	7362		8024	
Williamsport	(Newburg)		7362	7441		6114	
Limestone	Make		7441	7620		1910	7938
Keefer			7620	7642			2114
Shale			7642	7870			5824
Cacapon			7870	7938			
Tuscarora			7938	8024	Show gas 8014'		
Red Medina			8024	8111			8024
Total Depth			8111'				2114
							5910

*Junata (JUNT)*

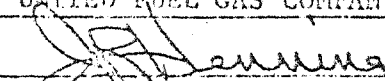
NOTE: All Measurements from Kelly Bushing, 12 feet above ground level.

APR 20 1970

Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Feet	Remarks
CASING RECORD							
1-5-70	13-3/8	48 lbs/ft.					Casing set at 130' R.K.B. or 118' below ground level. Cemented with 100 sks. of neat cement, 2% HA5 & 50# Flo Celc. Halliburton
1-29-70	9-5/8"	H-40, 32 lbs./ft					Casing set at 2452' R.K.B. or 2440' below ground level. Cemented with 600 sks Poz mix, 130 sks neat cement with 3/4% CFR2 & 1/8# per sack cello flake. Neat cement accelerated with 2% CaCl <sub>2</sub> . Haliburton
2-17-70		7" N-80, 23 lbs./ft.					Casing set at 6120' RKB or 6108' below ground level. Cemented with 100 sks of neat cement. Halliburton.

Date March 31, 1970

APPROVED UNITED FUEL GAS COMPANY, Owner

By  (Title)  
Supt. of Operation - Prod. & Storage