

Company	UNITED FUEL GAS CO.	
Address	CHARLESTON, W. VA.	
Farm	HENRY CLOSTERMAN	
Tract	Acres, 3920	Lease No. 34706
Well (Farm) No.	Serial No. 4460	
Elevation (Spirit Level)	1085.70'	
Quadrangle	NAUGATUCK	
County	MINGO	District HARVEY
Engineer	Lybert R. Jewell	
Engineer's Registration No.	2529	
File No.	24-27	Drawing No.
Date	11-8-61	Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. MIN-43-A

+ 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 (243)



205

Completed 2-2-62

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Naugatuck

Permit No. -3A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Company
Address P.O. Box 1273 Charleston 25, W. Va.
Farm Henry Clostermen Acres 3920
Location (waters) Breeden Creek
Well No. 4460 Elev. 1085.70
District Harvey County Mingo
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by First Nat'l. Bank of Bluefield
A. Yarbrough, Trust Officer Bluefield, W. Va.
Address _____
Drilling commenced 7-3-24
Drilling completed 10-15-24
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			<u>Anchor</u>
18			Size of
10		<u>15</u>	<u>2 x 6-5/8"</u>
8 1/4		<u>407</u>	Depth set
6 3/8		<u>1460</u>	-
5 3/16			Perf. top
3			Perf. bottom
2		<u>1839</u>	Perf. top
Liners Used			Perf. bottom

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

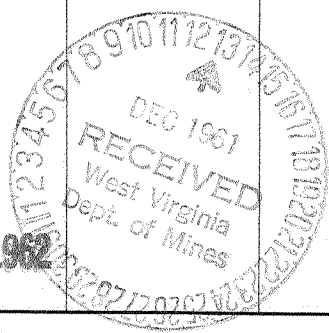
COAL WAS ENCOUNTERED AT 30 FEET 48 INCHES
413 FEET 24 INCHES FEET INCHES
FEET INCHES FEET INCHES

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	
Coal			30	34	Well drilled from 1714 to the present depth Jan. 22-1925 and Gas at 897-900 (had to ream hole and lower 6-5/8" Cas'g.)			
Coal			413	415				
Salt Sand			897	962				
Salt Sand			965	1075				
Slate & Shells			1075	1205				
Sand			1205	1220				
Slate & Shells			1220	1251				
Sand			1251	1261		Oil at 1251-1255		
Slate & Lime			1261	1335				
Red Rock			1335	1340				
Slate & Shells			1340	1450				
Pencil Cave			1450	1455				
Big Lime			1455	1651				
Big Lime			1651	1714	Gas at 1651-1661			
Red Rock			1714	1737				
Big Injun Sand			1737	1762				
Broken Sand			1762	1839				
Total Depth			1839'					



APR 6 1962

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date December 12, 1961

APPROVED UNITED FUEL GAS COMPANY, Owner

By S. R. Sumrell
(Title)

Supt., Civil Engineering Dept.