

Company UNITED FUEL GAS CO.
 Address CHARLESTON W. VA.
 Farm SUNDAY CREEK CO.
 Tract _____ Acres 4770 Lease No. PT. 9279
 Well (Farm) No. 21 Serial No. 1014
 Elevation (Spirit Level) 1370
 Quadrangle CLENDENIN
 County KANAWHA District CABIN CK.
 Engineer Seybert R. Howell
 Engineer's Registration No. 2529
 File No. 74-53 Drawing No. _____
 Date JAN. 7, 1959 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. KAN-1279-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.

6-6214



7282

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Clendenin

Permit No. WPA

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Company
 Address P.O. Box 1273; Charleston 25, W. Va.
 Farm Sunday Creek Coal Co. Acres 4770
 Location (waters) Kelly Creek
 Well No. 1014 Elev. 1370'
 District Cabin Creek County Kanawha
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by Kanawha & Hocking Coal & Coke Company
800 Western Reserve Bldg. Cleveland 13, Ohio
 Address _____
 Drilling commenced 6-17-1918
 Drilling completed 8-31-1918
 Date Shot _____ From _____ To _____
 With _____
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume 4,881,600 Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED _____
 WELL FRACTURED _____

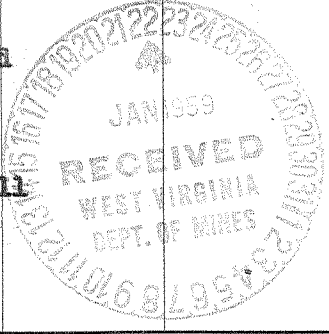
Casing and Tubing	Used in Drilling	Left in Well	Packers
Conductor		16	
Size			
16			Kind of Packer
13			<u>B. H. Pmc</u>
10		780	Size of
8 1/4		<u>1344-1445</u>	<u>6-5/8 x 8-1/4</u>
8 5/8	8" Pulled-1800		Depth set
5 3/16			<u>132'</u>
6 x 5/8		2144	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

COAL WAS ENCOUNTERED AT 320 FEET 60 INCHES
685 FEET 36 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
Formation							
Surface			0	16	Water 1350		
Sand			16	100	Hole Full 1370		
Slate			100	140	Light Gas 2235		
Sand			140	290	Gas 2479		
Flint			290	300	Gas 2543		
Slate			300	320			
Coal			320	325			
Sand			325	500			
Slate			500	525			
Sand			525	660			
Slate			660	685			
Coal			685	688			
Slate & Shell			688	800			
Sand			800	970			
Slate & Shell			970	1100			
Sand			1100	1170			
Slate			1170	1210			
1st Salt			1210	1610	Gas 14/10 M thru 6-5/8" opening		
Slate			1610	1630	2515-2535		
2nd Salt			1630	1720	Gas 9/10 M thru 6-5/8" opening at		
Slate & Sand			1720	1780	2562 total depth of well		
R. Rock			1780	1795			
Line			1795	1810			
R. Rock			1810	2000			
Slate & Shell			2000	2065			
Little Line			2065	2100			
Pencil			2100	2109			
Big Line			2109	2300			
Slate			2300	2305			



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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Injun			2305	2350			
Slate & Shell			2350	2390			
Weir <i>junk</i>			2390	2543			
Slate			2543	2562			
Total Depth				2562'			

Date January 21, 19 59

APPROVED UNITED FUEL GAS COMPANY, Owner

By S. K. Farrell
(Title)

Supt., Civil Engineering Dept.