

New Location
 Drill Deeper
 Abandonment X

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W.VA.
 Farm M.A. & CLARA HIVELY
 Tract Acres 152 Lease No. 2822
 Well (Farm) No. 1 Serial No. 594
 Elevation (Spirit Level) 950 BAROMETER
 Quadrangle WALTON C
 County ROANE District WALTON
 Engineer H. D. Cunningham
 Engineer's Registration No. 659
 File No. 76-77 Drawing No.
 Date JAN. 2, 1944 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. ROA-374-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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

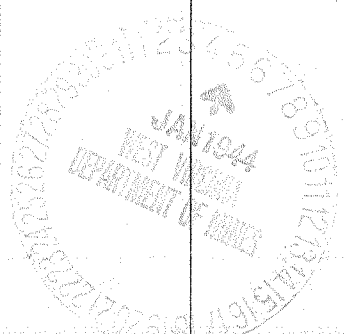
Permit No. 374-A Oil or Gas Well Gas
(KIND)

Company UNITED FUEL GAS COMPANY
Address Box 1273, Charleston, W. Va.
Farm M. A. Hively Acres 152
Location (waters) McGowan Creek
Well No. 594 Elev. 950
District Walton County Roane
The surface of tract is owned in fee by _____
Mineral rights are owned by Luella Hively, et al
Hamilton, Ohio
Address April 18, 1914
Drilling commenced _____
Drilling completed _____
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 978,000 _____ Cu. Ft.
Rock Pressure 360 _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 1/4	585	Pulled	Depth set
6 3/8	1820	1820	
5 3/16			Perf. top
3			Perf. bottom
2		1984	Perf. top
Liners Used			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
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 Found	Remarks
Soil			0	14			
Sand			205	215			
Slate			215	240			
Sand			240	260			
Red Rock			260	440			
Slate			440	460			
Red Rock			460	490			
Slate			490	500			
Sand			500	515			
Slate			515	550			
Sand			550	560			
Slate			560	580			
Sand			580	590			
Line			590	615			
Slate			615	625			
Line			625	645			
Little Dunkard			645	670			
Slate			670	750			
Sand			750	800			
Slate			800	860			
Big Dunkard			860	950			
Slate			950	1040			
Sand			1040	1060			
Slate			1060	1070			
Sand			1070	1100			
Slate			1100	1150			
Line			1150	1175			
Gas Sand			1175	1220			
Slate			1220	1280			
Line			1280	1290			
Slate & Shells			1290	1450			
1st Salt Sand			1450	1680			
Break			1680	1683			
2nd Salt Sand			1683	1720			
Maxon Sand			1720	1745			
Break			1745	1753			
Little Lime			1753	1775			
Break			1775	1780			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line			1780	1790			
Pencil Cave			1790	1796			
Big Lime			1796	1930			
Streak of sand in Big Lime 1890-1895							
Oil in Big Lime			1890	1895			
Big Injun			1930	1969			
Oil & Gas			1932	1935			
Oil & Gas			1950	1955			
Total Depth				1969			
Wm.S. Edwards Oil Co. drilled 2' making total depth				1971			

Date December 21, 1943

APPROVED UNITED FUEL GAS COMPANY, Owner

By G.A. Cunningham
(Title) Chief Engineer