

New Location...
 Drill Deeper.....
 Abandonment.....

APR 26 1954

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W.VA.
 Farm UNITED FUEL GAS CO. FEE
 Tract _____ Acres 1576 ^{Deed} ~~lease~~ No. 27466
 Well (Farm) No. 24 Serial No. 3960
 Elevation (Spirit Level) 1150'
 Quadrangle CHARLESTON
 County KANAWHA District ELK
 Engineer Seibert R. Howell
 Engineer's Registration No. 2529
 File No. 68-59 Drawing No. _____
 Date 4-7-54 Scale 1"=400'

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

WELL LOCATION MAP
 FILE NO. KAN-1029-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

1884

Quadrangle Charleston

WELL RECORD

Permit No. 1077-A

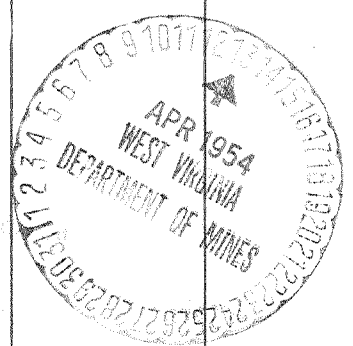
Oil or Gas Well Gas
(KIND)

Company UNITED FUEL GAS COMPANY
Address P.O. Box 1273, Charleston 25, W. Va.
Farm U. F. G. Co. Fee Acres 1576
Location (waters) Mill Creek
Well No. 3960 Elev. 1150'
District Elk County Kanawha
The surface of tract is owned in fee by United Fuel Gas
Address _____
Mineral rights are owned by United Fuel Gas
Address _____
Drilling commenced July 2, 1929
Drilling completed August 15, 1929
Date Shot _____ From _____ To _____
With _____
Open Flow 8 /10ths Water in _____ 2 Inch
_____ /10ths Merc. in _____ Inch
Volume 134,400 Cu. Ft.
Rock Pressure 300 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 163 feet 558' feet
Salt water 1165 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>O.W.S.</u>
13			Anchor
10			Size of _____
8 1/4		<u>680'</u>	<u>3"x5-3/16"x16"</u>
6 5/8		<u>183'</u>	Depth set _____
5 3/16			<u>1928'</u>
3		<u>2218'</u>	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 558 FEET 60 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			
Lime			14	50			
Slate			50	158			
Sand			158	250			1 bailer water per hour at 163'
Slate			250	310			
Sand			310	558			
Coal S.L.M.			558	563			2 bailer water per hr. at 558 to 563
Slate & Shell			563	608			
Lime			608	808			
Sand			808	888			
Slate			888	914			
Sand			914	980			
Slate			980	990			
Sand			990	1052			
Slate			1052	1057			
Sand			1057	1085			
Slate			1085	1087			
Salt Sand			1087	1305			Show of gas 1091, Hole full water 1165'
Slate			1305	1311			
Salt Sand			1311	1575			
Slate			1575	1580			
Salt Sand			1580	1592			
Slate			1592	1598			
Lime			1598	1610			
Slate			1610	1615			
Lime			1615	1640			
Slate			1640	1645			
Lime			1645	1670			
Slate			1670	1685			
Red Rock			1685	1690			
Maxon Sand			1690	1740			
Slate			1740	1744			
Little Lime			1744	1794			
Pencil Cave			1794	1800			
Big Lime SLM			1800	1963			Hole reduced at 1894 SLM
6-5/8" Casing set on 6-5/8" x 8-1/4" x 10" Paramaco B.H. Packer at 1808' S.L.M.							
Show of gas 1924 and 1926'							
Keener Sand			1963	1990			



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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Injun SLM			1990	2020			
Slate & Shell			2020	2043			
Weir Sand SLM			2043	2190			
Gas pay SLM			2077	2079	20/10 Water	2"	
Slate			2190	2200			
Total Depth			2200 SLM				

Date April 12, 19 54

APPROVED UNITED FUEL GAS CO., Owner

By S. R. Ferrell
(Title)

Mgr. Civil Engineering Dept.