

Company UNITED FUEL GAS COMPANY
 Address CHARLESTON, W. VA.
 Farm MARY E. CLERC
 Tract _____ Acres 53 Lease No. Pt. 1517
 Well (Farm) No. _____ Serial No. 603
 Elevation (Spirit Level) 840.0
 Quadrangle WALTON
 County ROANE District GEARY
 Engineer Paul E. Joachims
 Engineer's Registration No. 669
 File No. 80-77 Drawing No. _____
 Date 5-13-59 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Rea-105B-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.



625

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Walton

Permit No. 10381A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Co.
 Address P. O. Box 1273; Charleston 25, W. Va.
 Farm Mary E. Clerc Acres 335
 Location (waters) Little Left Hand Run
 Well No. 603 Elev. 840.0
 District Geary County Roane
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by B. H. Groves, et al
 Address Clio, W. Va.
 Drilling commenced May 15, 1914
 Drilling completed June 26, 1914
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
23 /10ths Merc. in 3 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			
16			Kind of Packer _____
13			<u>Callanan</u>
10		<u>205'4"</u>	Size of _____
8 1/4		<u>1519'7"</u>	<u>3 x 6-1/4 x 20</u>
6 5/8		<u>1639.8"</u>	Depth set _____
5 3/16			
3		<u>1794'5"</u>	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

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

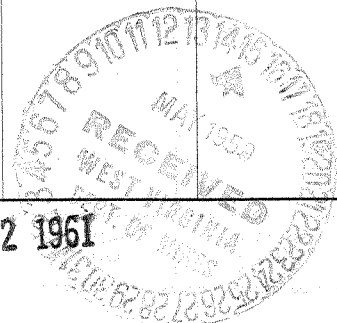
COAL WAS ENCOUNTERED AT 340 FEET 60 INCHES
660 FEET 24 INCHES 868 FEET 36 INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

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
Red Rock			16	70			
Sand			70	85			
Red Rock			85	180			
Sand			180	208			
Red Rock			208	250			
Slate			250	285			
Sand			285	290			
Slate			290	305			
Sand			305	335			
Slate			335	340			
Coal			340	345			
Slate			345	365			
Sand			365	445			
Slate			445	475			
Sand			475	540			
Slate			540	660			
Coal			660	662			
Slate			662	800			
Sand			800	855			
Slate			855	868			
Coal			868	871			
Slate			871	890			
Lime Sand			890	925			
Slate			925	935			
Sand			935	978			
Slate			978	1010			
Sand			1010	1060			
Slate			1060	1077			
Sand			1077	1150			
Slate			1150	1200			

(over)

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Salt Sand			1200	1515			
Slate			1515	1520			
Lime			1520	1542			
Slate			1542	1548			
Little Lime			1548	1578			
Pencil Cave			1578	1584			
Lime Shells			1584	1590			
Pencil Cave			1590	1604			
Big Lime			1604	1712			
Big Injun			1712	1734			
Slate			1734	1746			
Injun Sand			1746	1777			
Slate			1777	1783	Gas in	Big Lime at	1690 to 1700
Total Depth			1783'				

Date May 12, 19 59

APPROVED UNITED FUEL GAS COMPANY, Owner

By S. R. Ferrell
(Title)

Supt., Civil Engineering Dept.