

New Location,   
 Drill Deeper,   
 Abandonment,

Company	<u>UNITED FUEL GAS CO.</u>		
Address	<u>CHARLESTON, W.VA.</u>		
Farm	<u>C. ENGLE</u>		
Tract	Acres <u>20</u>	Lease No. <u>1570</u>	
Well (Farm) No.	Serial No. <u>1109</u>		
Elevation (Spirit Level)	<u>1050.0</u>		
Quadrangle	<u>WALTON</u>		
County	<u>ROANE</u>	District	<u>GEARY</u>
Engineer	<u>Paul E. [Signature]</u>		
Engineer's Registration No.	<u>669</u>		
File No.	<u>80-73</u>	Drawing No.	
Date	<u>12-28-54</u> Scale <u>1" = 400'</u>		

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

**WELL LOCATION MAP**  
 FILE NO. ROA-910-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.

Latitude 38° 35'

Longitude 81° 15'



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

490

Quadrangle Walton

WELL RECORD

Permit No. 910A Oil or Gas Well Gas  
(KIND)

Company UNITED FUEL GAS CO.  
Address P.O. Box 1273, Charleston 25, W. Va.  
Farm C. Engle Acres 20  
Location (waters) Br. of Big Sandy  
Well No. 1109 Elev. 1050'  
District Geary County Roane

The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_

Mineral rights are owned by J. Milton Geary, et al  
Address Clendenin, W. Va.

Drilling commenced 1-30-20  
Drilling completed 4-13-20

Date Shot 4-14-20 From 1880 To 1910  
With 30 qts.

Open Flow 3 /10ths Water in 5/10 Inch  
/10ths Merc. in \_\_\_\_\_ Inch

Volume 884,000 Cu. Ft.  
Rock Pressure 300 lbs. \_\_\_\_\_ hrs.

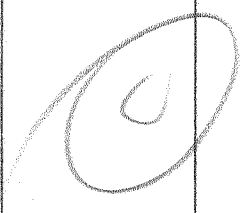
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 1400' feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Anchor</u>
13			Size of
10		<u>19'8"</u>	<u>3x5-3/16x16</u>
8 1/4		<u>580'0"</u>	Depth set
6 1/2		<u>1802'6"</u>	<u>2086</u>
5 3/16			Perf. top
3		<u>1979'7"</u>	Perf. bottom
2		<u>4500</u>	Perf. top
Liners Used	<u>lost</u>	<u>4792"</u>	Perf. bottom

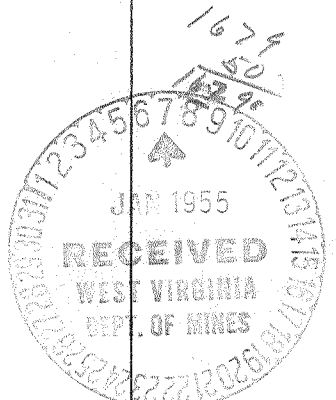
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

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	5			
Red Rock			5	75			
Lime			75	100			
Sand			100	135			
Red Rock			135	300			
Slate			300	350			
Sand			350	400			
Lime			400	415			
Red Rock			415	460			
Lime			460	500			
Slate			500	600			
Sand			600	650			
Slate			650	700			
Sand			700	825			
Slate			825	900			
Sand			900	950			
Lime			950	980			
Sand			980	1100			
Slate			1100	1115			
Lime			1115	1140			
Slate			1140	1150			
Gas Sand			1150	1220			
Slate			1220	1225			
1st Salt Sand			1225	1400			
Water Sand			1400	1430	Water 1400'		
2nd Salt Sand			1430	1550			
Lime			1550	1625			
Slate			1625	1630			
Lime			1630	1637			
Slate			1637	1657			
Lime			1657	1690			
Maxon Sand			1690	1711			
Little Lime			1711	1743			
Brake			1743	1746			
Big Lime			1746	1841	Reduced hole at 1806'		
Keener			1841	1870			
Big Injun			1870	1920	Gas 1880-1883', 1892-1893', Gas 1908-1910'		
Brake			1893	1898			
Lime Shells			1920	1957			



1679  
10  
45  
25  
1719



JUN 17 1950

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1957	2120			
Lime Shell			2120	2129			
Slate			2129	2220			
Total depth			2220'				
Filled up to 1961'	390' 166'						

Date January 6, 1955

APPROVED UNITED FUEL GAS CO., Owner

By S. H. Farrell  
(Title)

Mgr. Civil Engineering Dept.