

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

AUG 2 1954

3.3 W
 009 A

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm ANNIE OSBORN
 Tract _____ Acres 50 Lease No. 4604
 Well (Farm) No. _____ Serial No. 819
 Elevation (Spirit Level) 913.00'
 Quadrangle CLENDENIN
 County KANAWHA District BIG SANDY
 Engineer Seibert R. Ferrell
 Engineer's Registration No. 2529
 File No. 78-69 Drawing No. _____
 Date 7-15-54 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. KAN-1051-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

1842

Quadrangle Clendenin

Permit No. 157A

WELL RECORD

Oil or Gas Well Gas
(KIND)

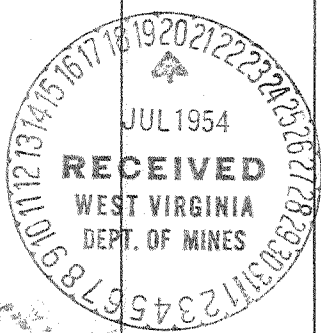
Company UNITED FUEL GAS CO.
 Address P.O. Box 1273, Charleston 25, W. Va.
 Farm Annie Osborne Acres 50
 Location (waters) Broad Run
 Well No. 819 Elev. 913'
 District Big Sandy County Kanawha
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by Lunda Osborne, Gdn. et al
 Address Clendenin, W. Va.
 Drilling commenced 8-25-16
 Drilling completed 10-26-16
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
10 /10ths Merc. in _____ 2" _____ Inch
 Volume 554,000 Cu. Ft.
 Rock Pressure 435 lbs. 48 hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water 1100 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Parmaco</u>
13			Size of
10		<u>14'9"</u>	<u>2x5-3/16x16</u>
8 1/4	<u>449'</u>		Depth set
6 5/8		<u>1592'3"</u>	<u>1666</u>
5 3/16			Perf. top
3			Perf. bottom
2		<u>1773'</u>	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	10	Small show oil at 935'		
Sand & Lime			10	560	Small show gas at 1022'		
Slate			560	680	Hole full water at 1100'		
Sand			680	715	Smell gas at 1652'		
Slate & Shells			715	935	Gas 1706' to 1716'		
Maxon Sand			935	1423	Hole reduced to 5-3/16" at 1644 1/8'		
Maxon Sand			1423	1523	6-5/8 Shoe set at 1580'		
Little Lime			1523	1551			
Pencil Cave			1551	1575			
Big Lime			1575	1696			
Big Injun			1696	1720			
white Slate			1720	1740			
Red Rock			1740	1766			
Total depth			1766'				



JAN 7 1955

