



Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm LEVI DEEL
 Tract _____ Acres 30 Lease No. 4473
 Well (Farm) No. _____ Serial No. 645
 Elevation (Spirit Level) 759'
 Quadrangle CLENDENIN
 County KANAWHA District BIG SANDY
 Engineer Seibert R. Herrell
 Engineer's Registration No. 2529
 File No. 74-67 Drawing No. _____
 Date 7-20-54 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. KAN-1054-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

1806

Quadrangle Clendenin

WELL RECORD

Permit No. 10547 Oil or Gas Well Gas
(KIND)

Company UNITED FUEL GAS CO.
Address P.O. Box 1273, Charleston 25, W. Va.
Farm Levi Deel Acres 30
Location (waters) Big Creek
Well No. 645 Elev. 759'
District Big Sandy County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by S. E. Blackwell, et al
Address Sybil, W. Va.
Drilling commenced 7-6-14
Drilling completed 8-11-14
Date Shot _____ From _____ To _____
With _____
Open Flow 2 /10ths Water in 6-5/8 Inch
_____ /10ths Merc. in _____ Inch
Volume 600,000 Cu. Ft.
Rock Pressure 410 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 970 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16		16'	Anchor
13			Size of
10			2x6-5/8"
8 1/4		48 1/4'	Depth set
6 5/8		1527' 8"	
5 3/16			Perf. top
3			Perf. bottom
2		1671'	Perf. top
Liners Used			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 450 FEET 36 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Conductor			0	16			
Slate & Red Rock			0	360			
Sand			360	450			
Coal			450	453			
Slate & Lime			453	940			
Salt Sand			940	1390			Hole full water at 970'
Slate & Shells			1390	1420			
Maxon Sand			1420	1460			
Little Lime			1460	1495			
Slate			1495	1500			
Lime Shell			1500	1510			
Pencil Cave			1510	1515			
Big Lime			1515	1630			
Show of gas at			1570				
Big Injun			1630	1660			Not enough to test
Gas			1630	1640			Not enough to test
Break			1642	1644			
Injun			1644	1660			
Gas			1644	1650			
Total depth			1662'				

