

Company UNITED FUEL GAS CO.  
 Address CHARLESTON W. VA.  
 Farm PRINCE LAND & COAL CO.  
 Tract \_\_\_\_\_ Acres 1600 Lease No. 4591  
 Well (Farm) No. \_\_\_\_\_ Serial No. 459  
 Elevation (Spirit Level) 687'  
 Quadrangle CLENDENIN  
 County KANAWHA District BIG SANDY  
 Engineer Seybert R. Sherrill  
 Engineer's Registration No. 2529  
 File No. 78-67 Drawing No. \_\_\_\_\_  
 Date 3-5-54 Scale 1" = 600'

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

WELL LOCATION MAP  
 FILE NO. KAN-1016-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

WELL RECORD

1793

Permit No. 1016-A

Oil or Gas Well Gas  
(KIND)

Company UNITED FUEL GAS COMPANY  
Address P. O. Box 1273, Charleston 25, W. Va.  
Farm Prince Land Coal Co. Acres 1600  
Location (waters) Elk River  
Well No. 459 Elev. 687'  
District Big Sandy County Kanawha

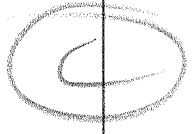
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Holley Elk Land Co. %  
Chas. National Bank Address Charleston, W. Va.

Drilling commenced 12-17-12  
Drilling completed 1-17-13  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 4,552,860 Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13		16'	Calliman
10			Size of
8 1/4		525'	3x6-5/8"x16
6 3/4		1329.7"	Depth set
5 3/16			848'
3		1487'9"	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 505 FEET 60 INCHES  
140 FEET 84 INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native Coal			140	147			Tubed & Shut in 9-25-13 3" Tubing  Test 49/10 Merc. 3" Opening             1 Gas at 1446 to 1456 2 Gas at 1460 to 1465
Sand			147	200			
Slate			200	230			
Sand			230	320			
Slate			320	380			
Slate & Shells			380	460			
Sand			460	480			
Lime			480	505			
Coal			505	510			
Lime Shells			510	660			
Salt Sand			660	1090			
Sand			1090	1097			
Lime Shells			1097	1200			
Lime & Shells			1200	1275			
Little Lime			1275	1305			
Slate			1305	1308			
Sand			1308	1316			
Pencil Cave			1316	1323			
Top of Lime			1323	1446			
Sand Injun			1446	1475			
Total depth			1480				

