



Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W. VA.  
 Farm J. L. CALDWELL  
 Tract \_\_\_\_\_ Acres 9/3 Lease No. 45130  
 Well (Farm) No. \_\_\_\_\_ Serial No. 5914  
 Elevation (Spirit Level) 770.0  
 Quadrangle MIDKIFF  
 County LINCOLN District SHERIDAN  
 Engineer Robert A. Howell  
 Engineer's Registration No. 2529  
 File No. 32-49 Drawing No. \_\_\_\_\_  
 Date 4-18-55 Scale 1"=660'

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

**WELL LOCATION MAP**  
 FILE NO. LIN-1146-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

1421

Quadrangle Midkiff

WELL RECORD

Permit No. 146 A

Oil or Gas Well Gas  
(KIND)

Company UNITED FUEL GAS COMPANY  
Address P.O. Box 1273, Charleston 25, W. Va.  
Farm J. L. Caldwell Acres 913  
Location (waters) Guyan River  
Well No. 5914 Elev. 770'  
District Sheridan County Lincoln  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by J. L. Caldwell Estate, et al  
First Huntington Nat. Bank Bldg. Huntington, W. Va.  
Address \_\_\_\_\_  
Drilling commenced 8-10-15  
Drilling completed 9-3-15  
Date Shot From 1396 To 1426  
With 60 qts.  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 2,800,000 Cu. Ft.  
Rock Pressure 405 lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 160 feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>Special Gas</u>
13		<u>17'</u>	Size of <u>6-5/8x3x2</u>
10	<u>136'</u>		Depth set <u>1324'</u>
8 1/4		<u>1186'</u>	Perf. top _____
6 5/8		<u>132'</u>	Perf. bottom _____
5 3/16		<u>1324'</u>	Perf. top _____
3			Perf. bottom _____
2			
Liners Used			

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 155 FEET 60 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	17			
Sand			17	135			
Slate			135	155			
Coal			155	160			
Sand			160	225	Gas from Big Injun Sand		
Slate			225	260			
Sand			260	340			
Slate			340	420			
Sand			420	470	Show of gas in Salt Sand at 555'		
Black Slate			470	555	Show of oil in Big Lime 1246'		
Salt Sand			555	935	Show of gas in Big Lime 1306'		
Slate			675	677	First Big Injun gas pay 1396' 2nd		
Sand			677	935	gas pay 1421'		
Slate			935	1000			
Maxon Sand			1000	1060			
Slate			1060	1066			
Red Rock			1066	1078			
Lime Shells			1078	1090			
Slate			1090	1110			
Red Rock			1110	1120			
Slate			1120	1140			
Little Lime			1140	1181			
Big Lime			1181	1373			
Red Rock			1373	1394			
Big Injun			1394	1426	First gas 1396', 2nd 1426'		
Total depth			1456'				
Drilled Deeper 10-18-23. Casing 10" - 17', 6-5/8" - 1186". Shot 10-12-23 with 40 qts.							
Final open flow 12/10 W in 2" 146,000 cu.ft. R.P. 405 & 160 # 48 hrs.							
Slate			1456	1500			
Shells			1500	1525			
Slate			1525	1550			
Shells			1550	1600			
Slate			1600	1650			
Shells			1650	1740			
Slate			1740	1800			
Shells			1800	1825			
Slate			1825	1905			
Shale			1905	1930			
Total depth			2036'				

APR 1955  
RECEIVED  
WEST VIRGINIA  
DEPT. OF MINES  
AUG 12 1955

