

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

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. 460  
 Elevation (Spirit Level) 771  
 Quadrangle CLENDENIN  
 County KANAWHA District BIG SANDY  
 Engineer Paul E. ...  
 Engineer's Registration No. 669  
 File No. 78-67 Drawing No. \_\_\_\_\_  
 Date 12-30-54 Scale 1" = 600'

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

**WELL LOCATION MAP**  
 FILE NO. KAN-1161-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.

6-6 220



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

14900

Quadrangle Clendenin

WELL RECORD

Permit No. 1161A

Oil or Gas Well Gas  
(KIND)

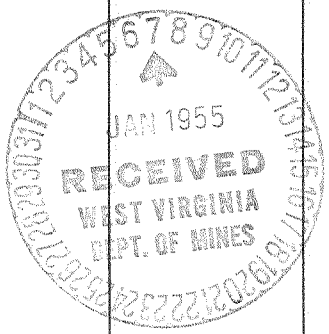
Company UNITED FUEL GAS CO.  
Address P.O. Box 1273, Charleston 25, W. Va.  
Farm Prince Land Co. Acres 1600  
Location (waters) Morris Creek  
Well No. 460 Elev. 771'  
District Big Sandy County Kanawha  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Caroline S. Hill, et al  
1233 Staunton Rd. S.S. Address Charleston, W. Va.  
Drilling commenced 1-31-13  
Drilling completed 3-24-13  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
6 /10ths Merc. in 6-5/8 Inch  
Volume 3,487,000 Cu. Ft.  
Rock Pressure 500 lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water 900 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Larkin</u>
18			Size of
10		<u>30'</u>	<u>3x6-5/8x16</u>
8 1/4		<u>420'</u>	Depth set
6 5/8		<u>1450'</u>	<u>1520</u>
5 3/16			Perf. top
3		<u>1601'8"</u>	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

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

COAL WAS ENCOUNTERED AT 180 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
Conductor				16	Salt Water	900'	
Gravel			16	30	Gas	1507'	
Slate			30	180	Gas	1539'	
Coal			180	185	Gas	1560'	
Sand			185	320			
Slate			320	430			
Shelly			430	510			
Sand			510	600			
Slate			600	730			
Salt Sand			730	1180			
Line			1180	1200			
Sand			1200	1290			
Red Rock			1290	1300			
Maxon Sand			1300	1385			
Little Lime			1385	1415			
Slate			1415	1420			
Line			1420	1425			
Pencil Cave			1425	1430			
Big Lime			1430	1557			
Injun			1557	1592			
Total depth			1592'				



JUN 17 1955

