



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

Stake & Pointers on Top of Ridge

Large Flat Rock on Top of Ridge

APR 26 1954

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W.VA.
 Farm SOPHIA SAMPLES
 Tract _____ Acres 105 Lease No. 4567
 Well (Farm) No. 1 Serial No. 728
 Elevation (Spirit Level) 635.00'
 Quadrangle WALTON
 County KANAWHA District BIG SANDY
 Engineer Seybert R. Shull
 Engineer's Registration No. 2529
 File No. 76-69 Drawing No. _____
 Date 4-12-54 Scale 1"=400'

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

WELL LOCATION MAP
 FILE NO. KAN-1030-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.

"IMPERIAL" TRACING CLOTH

SOPHIA SAMPLES NO. 1 (728) - U.F.G. Co. - KAN-1030-A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1794

Quadrangle Walton

WELL RECORD

Permit No. 6928

Oil or Gas Well Gas
(KIND)

Company UNITED FUEL GAS COMPANY
Address P.O. Box 1273, Charleston 25, W. Va.
Farm Sophia Samples Acres 105
Location (waters) Doctors Creek
Well No. 728 Elev. 635'
District Big Sandy County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Hattie Samples, et al
Box 78 Address Clendenin, W. Va.
Drilling commenced Oct. 20, 1915
Drilling completed Nov. 15, 1915
Date Shot _____ From _____ To _____
With _____
Open Flow 25 /10ths Water in _____ Inch
25 /10ths Merc. in _____ Inch
Volume 2,193,000 Cu. Ft.
Rock Pressure 410 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 50 feet _____ feet
Salt water 910' feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			<u>Parnaco</u>
10	<u>22'1"</u>	<u>19'7"</u>	Size of _____
8 1/4	<u>374'6"</u>	<u>374'6"</u>	<u>3x5-3/16x16</u>
6 5/8		<u>1415'7"</u>	Depth set _____
5 3/16			
3		<u>1619'</u>	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 365 FEET 84 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gravel Bed			0	20			
Sand			20	140			
Broken			140	345			Hole full water at 50'
Little Dunkard			345	365			
Coal			365	372			8-1/4x10x13 Larkin packer set at 377'
Big Dunkard			372	460			6-5/8x8-1/4x16 Parnaco Packer set at 1404 1/2'
Broken			460	824			Hole reduced to 5-3/16" at 1509'
Gas Sand			824	851			Steel Line measurements at 22' 377'
Lime			851	870			1250' 1351' 1386' 1389' 1396' 1401'
Salt Sand			870	1205			1404 1/2' 1432' 1509' 1531' 1546' 1552'
Lime			1205	1250			1661' 1565' 1615'
Maxon Sand			1250	1351			Big Water at 910'
Little Lime			1351	1386			
Pencil Cave			1386	1389			
Sand			1389	1396			
Break of Slate			1396	1401			
Big Lime			1401	1531			Gas at 1432' shows 20/10 water through 2" opening between casing & tubing
Big Injun			1531	1565			Gas at 1546' 1552' 1561'
Total depth			1615'				



