

Company UNITED FUEL GAS CO.

Address CHARLESTON, W. VA.

Farm CLARINDA HILL

Tract _____ Acres 100 Lease No. 11910

Well (Farm) No. _____ Serial No. 1235

Elevation (Spot Level) 1050'

Quadrangle OTTER

County ROANE District GEARY

Engineer Sybert R. Sherrill

Engineer's Registration No. 2529

File No. 84-71 Drawing No. _____

Date 10-23-57 Scale 1" = 400'

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

WELL LOCATION MAP
FILE NO. ROA-1020-B

+ 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.



590

1457 2

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Otter

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. 1020-A

Company United Fuel Gas Co.
Address P.O. Box 1273; Charleston 25, W. Va.
Farm Clarinda Hill Acres 100

Location (waters) Pigeon Run
Well No. 1235 Elev. 1050'
District Geary County Roane

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by Adrian E. Hill, et al
Address Procious, W. Va.

Drilling commenced Aug. 25, 1921
Drilling completed Oct. 15, 1921

Date Shot _____ From _____ To _____
With _____

Open Flow 7 /10ths Water in _____ 3 Inch
_____ /10ths Merc. in _____ Inch

Volume 284,040 Cu. Ft.

Rock Pressure 440 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Parmaco Anchor</u>
13			Size of
10		<u>41'</u>	<u>3" x 5-3/16"</u>
8 1/4	<u>447'10"</u>	<u>Pulled</u>	Depth set
6 5/8		<u>1550'1"</u>	<u>1609'</u>
5 3/16			Perf. top
3		<u>1786'6"</u>	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

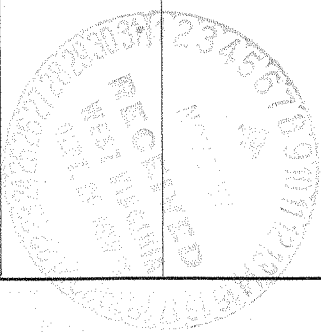
COAL WAS ENCOUNTERED AT 130 FEET 60 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet _____ Salt Water 1110 Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	8	Water at 1110		
Sand			8	30	Reduced Hole 1590		
Slate			30	45			
Sand			45	72			
Slate			72	90			
Sand			90	130	Gas at 970		
Coal			130	135	Oil " 976		
Slate			135	145	Gas " 1616		
Sand			145	160	Gas " 1656		
Slate			160	185			
Lime			185	235			
Slate			235	250			
Sand			250	330			
Slate			330	340			
Sand			340	360			
Slate			360	385			
Lime			385	400			
Sand			400	530			
Slate			530	540			
Sand			540	615			
Slate			615	660			
Lime			660	720			
Sand			720	745			
Slate			745	765			
Sand			765	790			
Slate			790	825			
Sand			815	850			
Lime			850	870			
Sand			870	900			



DEC 20 1958

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			900	930			
Lime			930	945			
Sand			945	980			
Slate			980	990			
Salt Sand			990	1319			
Lime			1319	1350			
Red Rock			1350	1370			
Lime			1370	1390			
Red Rock			1390	1405			
Maxon			1405	1460			
Lime			1460	1470			
Slate			1470	1480			
Little Lime			1480	1500			
Shell			1500	1505			
Pencil Cave			1505	1520			
Big Lime			1520	1615			
Injun			1615	1676			
Slate			1676	1690			
Sand			1690	1695			
Slate			1695	1720			
Sand			1720	1730			
Slate			1730	1775			
Total Depth			1775'				

Date November 7, 1957

APPROVED UNITED FUEL GAS CO., Owner

By J. R. Farrell
 (Title)
 Supt., Civil Engineering Department