



Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm H. W. TOWNSEND
 Tract _____ Acres 300 Lease No. 3144
 Well (Farm) No. 1 Serial No. 1111
 Elevation (Spirit Level) 836.60
 Quadrangle OTTER
 County ROANE District GEARY
 Engineer Seibert A. Jewell
 Engineer's Registration No. 2529
 File No. 62-73 Drawing No. _____
 Date 1-21-55 Scale 1"=800'

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

WELL LOCATION MAP
 FILE NO. ROA-923-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

502

Quadrangle Otter

WELL RECORD

Permit No. 9-3-A

Oil or Gas Well Gas
(KIND)

Company UNITED FUEL GAS CO.
Address P.O. Box 1273, Charleston 25, W. Va.
Farm H. W. Townsend Acres 300
Location (waters) Big Pigeon Run
Well No. 1111 Elev. 836.6'
District Geary County Roane
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Sallie King, et al %
Traders Trust & Banking Co. Address Spencer, W. Va.
Drilling commenced 11-13-19
Drilling completed 12-21-19
Rate Shot _____ From _____ To _____
With _____
Open Flow 3 /10ths Water in 3 Inch
_____ /10ths Merc. in _____ Inch
Volume 685,000 Cu. Ft.
Rock Pressure 325 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 200 feet _____ feet
Salt water 1040' feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Parmaco Anchor</u>
13			Size of
10	<u>9'</u>		<u>3x5-3/16x16</u>
8 1/4	<u>461'</u>	<u>304'1"</u>	Depth set
6 3/4		<u>1458'8"</u>	<u>1527'</u>
5 3/16			Perf. top
3		<u>1578'10"</u>	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

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

COAL WAS ENCOUNTERED AT 400 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
Sand			0	100			
Slate			100	180			
Sand			180	265			
Slate			265	300			
Sand			300	315			
Slate			315	335			
Sand			335	365			
Slate			365	375			
Sand			375	400			
Slate			400	440			
Coal			440	445			
Slate			445	480			
Sand			480	525			
Slate			525	550			
Sand			550	575			
Slate			575	635			
Sand			635	665			
Slate			665	685			
Sand			685	720			Hole full water 200'
Slate			720	760			Oil 640'
Sand			760	800			Gas 1533' Hole full water 1040'
Slate			800	835			
Sand			835	850			
Slate			850	885			
Lime			885	905			
Slate			905	945			
Sand			945	960			
Slate			960	985			
Sand 1st Salt			985	1090			
Slate			1090	1115			
Salt Sand			1115	1310			
Slate			1310	1317			
Lime			1317	1355			
Maxon Sand			1355	1395			
Little Lime			1395	1420			
Slate			1420	1425			
Lime			1425	1437			
Pencil Cave			1437	1452			
Big Lime			1452	1530			

RECEIVED
WEST VIRGINIA
DEPT. OF MINES
FEB 1955
JUN 17 1955

