

New Location
 Drill Deeper
 Abandonment

Company UNITED FUEL GAS
 Address CHARLESTON W. VA.
 Farm A.R. MILLER ET AL.
 Tract _____ Acres 180 Lease No. 1901
 Well (Farm) No. _____ Serial No. 649
 Elevation (Spirit Level) 1065.'
 Quadrangle SPENCER EC
 County ROANE District SPENCER
 Engineer Robert A. Howell
 Engineer's Registration No. 2529 (W. VA.)
 File No. 78-91-93 Drawing No. _____
 Date 3-21-58 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. ROA-1023-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.

A. R. MILLER NO. 1 WELL.

Spencer District, Roane County, W. Va.

By Goff & Heck.

On 163-5/16 acres.

Keller Map I-22.

Elevation.....

Completed Sept. 1, 1914.

Gas well. 22/10 Merc. in 6 $\frac{5}{8}$ " 6673 mcs

S. P. - 83 $\frac{3}{4}$ acres; S-41 - W-40.

From Heck's notes.

	Top.	Bottom.
Big Lime	2083	-
Berea Sand (gas, 2610-2622')	2602	- 2622
Total depth		2622



593

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Spencer

WELL RECORD

Permit No. 1023-A

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Co.
Address P. O. Box 1273; Charleston 25, W. Va.
Farm A. R. Miller, et al Acres 180
Location (waters) Spring Creek
Well No. 649 Elev. 1065
District Spencer County Roane
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by C.C. Rowe, Atty.-in-Fact
Address Spencer, W. Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			<u>Dresser</u>
13			Size of _____
10	<u>898</u>	<u>Pulled</u>	<u>6-5/8 x 3 x 3</u>
8 1/2	<u>1220</u>	<u>Pulled</u>	Depth set _____
6 5/8		<u>2170</u>	<u>444</u>
5 3/16		<u>2637' 7"</u>	Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

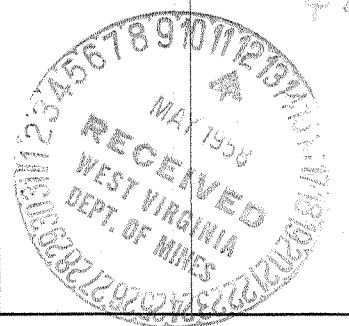
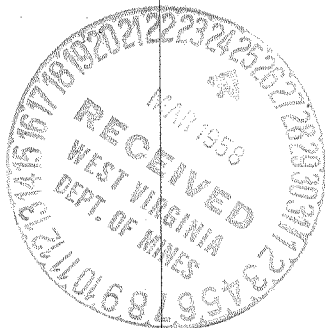
Drilling commenced July 10, 1914
Drilling completed Sept. 3, 1914
Date Shot 5-29-20 From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
22 /10ths Merc. in 6-5/8" Inch
Volume 8,682,000 Cu. Ft.
Rock Pressure 695 lbs. 30 hrs.
Oil _____ bbls., 1st 24 hrs.

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

WELL ACIDIZED _____
WELL FRACTURED _____

RESULT AFTER TREATMENT _____
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Big Dunkard			1215	1285	6-5/8" Bottom hole packer on bottom of 6-5/8" casing S. L. Measurement of 6-5/8" casing and top of sand and total depth. String 1 1/2" Tubing in hole. Well pumping. Oil 2226 Gas 2617 This well repaired and pocket drilled May, 1920.		
Gas Sand			1432	1515			
Salt Sand			1830	2052			
Oil			1837	-----			
Little Lime			2052	2070			
Pencil Cave			2080	2083			
Big Lime			2083	2180			
Keener			2180	2193			
Big Injun			2193	2226			
Berea			2607	2627			
Total Depth			2677'				



5237
2200
427

(over)

DEC 20 1958

