



Company UNITED FUEL GAS CO.
 Address CHARLESTON, WVA.
 Farm B.F. CURNES
 Tract _____ Acres 108 Lease No. 71101
F9697 F-9686 F9692
 Well (Farm) No. 2, 8, 10, 12, 13 Serial No. F-9694 F9696
 Elevation (Spirit Level) SEE ABOVE
 Quadrangle ST. ALBANS
 County LINCOLN District DUVAL
 Engineer [Signature]
 Engineer's Registration No. 662 SW
 File No. 44-51 Drawing No. _____
 Date 6-2-49 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. LIN-664-A-#10
LIN-665-A-#12
LIN-679-A LIN-669-A-#13
#2 LIN-678-A-#8

+ 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.

B. F. CURNES NO. 13 WELL.

669A
(see plat 664A)

Duval District, Lincoln County, W. Va.
By United Fuel Gas Co., Box 1273, Charleston, W. Va.
Abandoned under permit Lin-.....-A?
On.....acres.
Elevation, ' L.
Drilling commenced June 9, 1916; completed July 18, 1916.
Shot July 20, 1916, with 80 qts.
6 $\frac{5}{8}$ " casing, 1770'; 5 $\frac{3}{8}$ " 1810'; all left in.
Oil well. Record to Dept. of Mines not dated or stamped.
Record to RCT from Mrs. Griffith Aug. 10, 1949. Old File No. 958.

	Top.	Bottom.
Salt Sand	1090	- 1690
Little Lime	1730	- 1760
Pencil Cave	1760	- 1765
Big Lime	1765	- 1955
Big Injun Sand	1955	- 2020
Brown shale	2429	- 2449
Berea Sand	2449	- 2470
Total depth		2470



958

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 669-A *on Plat 664-A*

Oil or Gas Well _____ (KIND)

Company United Fuel Gas Company
 Address P. O. Box 1275 - Charleston, W. Va.
 Farm R. F. Curran Acres _____
 Location (waters) _____
 Well No. 13 Elev. 972.6
 District Boval County Lincoln
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced June 9, 1916
 Drilling completed July 18, 1916
 Date Shot 7/20/1916 From _____ To _____
 With 80 gts.
 Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4			
6 5/8	<u>1770</u>	<u>1770</u>	Depth set
5 3/16	<u>1810</u>	<u>1810</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Salt Sand			1090	1090			
Little Lino			1730	1700			
Fencil Cove			1760	1765			
Big Lino			1765	1955			
Big Injun			1955	2020			
Brown Shale			2429	2449			
Berea Sand			2449	2470			
Total Depth				2470'			

AUG 10 1916