



Company **UNITED FUEL GAS CO.**
 Address **CHARLESTON, WVA.**
 Farm **W.I. WADE**
 Tract Acres **63 1/2** Lease No. **71106**
 Well (Farm) No. **6, 7, 8, 9** Serial No. **1, 2, 3, 4**
 Elevation (Spirit Level) **SEE ABOVE**
 Quadrangle **MADISON**
 County **LINCOLN** District **DUVAL**
 Engineer **J.H. Moore**
 Engineer's Registration No. **662**
 File No. **44-49** Drawing No.
 Date **11-4-48** Scale **1"=400'**

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 LIN-500-A-#9 CHARLESTON LIN-509-A-#6
 LIN-503-A-#7 LIN-517-A-#8

WELL LOCATION MAP
 LIN-489-A-#3
 FILE NO. LIN-490-A-#4
 LIN-492-A-#1
 LIN-494-A-#2

+ 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.

Duval District, Lincoln County, W. Va.
Big Creek Development Co.
1/2 mi. S. W. of Snowden.
Elevation, 840'.

on plat 489A 492A

	Top.	Bottom.	Thickness.
Soil and clay	0	- 15	15
Slate	15	- 40	25
Sand	40	- 70	30
Slate	70	- 110	40
Sand	110	- 130	20
Slate	130	- 160	30
Sand	160	- 220	60
Slate	220	- 240	20
Coal	240	- 242	2
Sand	242	- 280	38
Slate	280	- 340	60
Slate, sand, and lime	340	- 820	480
Slate	820	- 860	40
Salt Sand (hole full water, 960')	860	- 1500	640
Slate	1500	- 1520	20
Lime	1520	- 1535	15
Red rock	1535	- 1550	15
Slate	1550	- 1565	15
Little Lime	1565	- 1600	35
Pencil Cave	1600	- 1605	5
Big Lime	1605	- 1800	195
Big Injun Sand	1800	- 1890	90
Slate	1890	- 2000	110
Squaw Sand	2000	- 2090	90
Slate	2090	- 2271	181
Black slate	2271	- 2291	20
Berea Sand (oil)	2291	- 2313	22
Slate	2313	- 2315	2



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

769

Permit No. Ab Ygr-A on plat 489A

WELL RECORD

Oil or Gas Well Oil Gas (KIND)

Company United Fuel Co. Address W. I. Wade Farm W. I. Wade Acres Location (waters) Well No. 1 Elev. 823 District Duval County Lincoln The surface of tract is owned in fee by Address Mineral rights are owned by Address Drilling commenced 11/8/1909 Drilling completed 1/6/1910 Date Shot From To With 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

Table with 4 columns: Casing and Tubing, Used in Drilling, Left in Well, Packers. Rows include tubing sizes (16, 13, 10, 8 1/4, 6 5/8, 5 3/16, 3, 2) and packer details (Kind of Packer, Size of, Depth set, Perf. top/bottom).

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

Geological log table with columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth Found, Remarks. Rows include Salt Sand, Little Lime, Pencil Cave, Big Lime, Big Injun, Brown Shale, Berea.

