

Duval District, Lincoln County, W. Va.

By United Fuel Gas Co.

312A

Elevation, 1000'.

Drilling commenced Nov. 29, 1909, and completed Jan. 14, 1910.

Contractor, United Fuel Drilling Co.

Driller: J. A. Black.

Shot Jan. 14, 1910, with 90 qts.

Examined and approved by E. B. South, Foreman.

	Top.	Bottom.	Thickness.
Coal	360	- 365	5
Slate	365	- 480	115
Sand	480	- 520	40
Slate	520	- 580	60
Sand	580	- 610	30
Slate	610	- 650	40
Sand	650	- 680	30
Slate	680	- 760	80
Sand	760	- 800	40
Slate	800	- 900	100
Sand	900	- 960	60
slate	960	- 1140	180
Salt Sand (hole full water, 1230')	1140	- 1790	650
Break	1790	- 1822	32
Big Lime	1822	- 2000	178
Big Injun Sand	2000	- 2060	60
Slate	2060	- 2200	140
Sand and shell	2200	- 2280	80
Slate	2280	- 2500	220
Berea Sand (oil)	2500	- 2522	22

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. CIN-312-A

Oil or Gas Well Oil well
(KIND)

Company Frick-Reid Supply Corporation
Address Drawer 2481, Tulsa, Okla.
Farm Emily Morrison Acres 115
Location (waters) Bear Fork, Mud River
Well No. Seven Elev. 1017
District Duval County Lincoln
The surface of tract is owned in fee by Robert Wade
Address Yawkey, W. Va.
Mineral rights are owned by A. L. Morrison
Address Milton, W. Va.
Drilling commenced November 29, 1909
Drilling completed January 14, 1910
Date Shot 1-14-1910 From 2502 To 2522
With 90 lbs. Nitro-glycerine

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 <u>Wood</u>	<u>16'</u>	<u>16'</u>	Size of
8 1/4			
6 5/8	<u>1822</u>	<u>1822</u>	Depth set
5 3/16			
3			Perf. top
2		<u>2522</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil No record _____ bbls., 1st 24 hrs.
Fresh water No record feet _____ feet
Salt water 1230 feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 360 FEET _____ INCHES
365 FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			360	365			
Slate			365	480			
Sand			480	520			
Slate			520	580			
Sand			580	610			
Slate			610	650			
Sand			650	680			
Slate			680	760			
Sand			760	800			
Slate			800	900			
Sand			900	960			
Slate			960	1140			
Salt sand			1140	1790	Water	1230	Hole full.
Brake			1790	1822			
Big lime			1822	2000			
Big Injun			2000	2060			
Slate			2060	2200			
Sand & shells			2200	2280			
Slate			2280	2500			
Berea sand			2500	2522			



