



New Location
 Drill Deeper
 Abandonment

Company Israel H. Beren
 Address Marietta Ohio
 Farm J. J. Ferrell
 Tract Acres 1.16 Lease No. 17926
 Well (Farm) No. Three Serial No. 5347
 Elevation (Spirit Level) 1105.0
 Quadrangle Littleton
 County Wetzel District Clay
 Engineer C. O. Newwig
 Engineer's Registration No. 611
 File No. _____ Drawing No. _____

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

WELL LOCATION MAP
 FILE NO. WET-318A

+ 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

WELL RECORD

193

Permit No. 11

Oil or Gas Well Oil
(Kind)

Company Israel H. Beren
Address Marietta, Ohio
Farm J. J. Farrell Acres 116
Location (waters) Littleton N/E. 2-4
Well No. 5347 Elev. 1133'
District Clay County Wetzel
The surface of tract is owned in fee by J. J. Farrell
R. F. D. 1 Address Fairmont, W. Va.
Mineral rights are owned by A. J. Stantz, Fish Creek Coal Co
Address Uniontown, Penna.
Drilling commenced October 11, 1923
Drilling completed November 3, 1923
Date shot 5-3-1927 Depth of shot 2995-2999
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			
16			Kind of Packer
13			
10	209	209	Size of
8 1/4	1398	1398	
5/8	2141	2141	Depth set
5 3/16			
3			Perf. top
2	3073		Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
COAL WAS ENCOUNTERED AT 580 FEET 48 INCHES
800 FEET 48 INCHES 900 FEET 84 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Clay		Soft	0	10			
Slate & Lime		Hard and Soft	10	100			
Red Rock		Soft	100	130			
Slate-Shell		Hard and Soft	130	250			
Slate & Lime		Hard and Soft	250	400			
Slate-Shell		Hard and Soft	400	580			
Fairview Coal		Soft	580	584			
Slate-Shells		Hard and Soft	584	690			
Lime		Hard	690	800			
M.T. Coal		Soft	800	804			
Lime		Hard	804	900			
Pgh. Coal		Soft	900	907			
Slate-Lime		Hard and Soft	907	1015			
Murphy Sand		Hard	1015	1040			
Red Rock		Soft	1040	1095			
Slate & Lime		Hard and Soft	1095	1170			
Red Rock		Soft	1170	1205			
Slate & Shells		Hard and Soft	1205	1280			
Red Rock		Soft	1280	1300			
Little Dunkard		Hard	1300	1335			
Slate		Soft	1335	1390			
Big Dunkard		Hard	1390	1440			
Slate & Shells		Hard and Soft	1440	1560			
Lime		Hard	1560	1575			
Slate & Shells		Hard and Soft	1575	1675			
1st Salt Sand		Hard	1675	1750			
Slate		Soft	1750	1785			
2nd Salt Sand		Hard	1785	1825	Gas	1815-18'	
Slate		Soft	1825	1840			
3rd Salt Sand		Hard	1840	1950	Gas	1845-48'	
Slate		Soft-Open	1950	1972	Water	1873'	2 bailers Hr.
Red Rock		Soft-Open	1972	2023			
Limestone		Hard-Close	2023	2033			
Slate		Soft-Open	2033	2050			
Little Lime		Hard-Close	2050	2075			
Pencil Cave		Soft-Open	2075	2085			
Big Lime		Hard-Close	2085	2146			
Big Injun		Hard	2146	2395			
Slate		Soft	2395	2430			
Lime & Slate		Hard and Soft	2430	2870			
Fifty Foot Shells		Soft-Open	2870	2905			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate		Soft	2905	2925			
Thirty Foot Shells		Soft-Open	2925	2945			
Slate		Soft	2945	2962			
Gordon Stray		Hard-Close	2962	2975			
Red Rock			2975	2979			
Gordon Sand		Hard-Close	2979	3022	Oil	2996'-98'	
Un-recorded			3022	3058			
4th Sand		Hard-Close	3058	3073	Gas	3060-68'	
Total Depth				3073			

Date **March 4**, 19 **40**

APPROVED *J. M. Beiler*, Owner

By _____ (Title)