**WELL RECORD**

**Quadrangle: Littleton**

**Permit No.: MARS-499**

**Company:** The Mfrs. Lt. and Mt. Co.

**Address:** 800 Union Trust Bldg., Pittsburgh 19, Pa.

**Farm:** Marie Lewis

**Acreage:** 32

**Location (wars):**

**Well No.:** 797

**Elev.:** 1049.00'

**District:** Liberty

**County:** Marshall

**The surface of the tract is owned in fee by:**

**Address:**

**Mineral rights are owned by:**

**Address:**

**Drilling commenced:** June 3, 1963

**Drilling completed:** July 16, 1963

**Date Shot:** 7/16/63

**From Maxton To Big Injun**

**With Pitot Tube**

**Open Flow:** 24 l/10th's Water in 4 1/2 Inch

**Volume:** 1/10th's Mec. in. 869,000

**Rock Pressure:** 660 lbs. 48 hrs.

**Oil:** bbls., 1st 24 hrs.

**Fresh water:** feet

**Salt water:** feet

**Formation** | **Color** | **Number** | **Thickness** | **Top** | **Bottom** | **Oil, Gas or Water** | **Depth Found** | **Remarks**
--- | --- | --- | --- | --- | --- | --- | --- | ---
Pittsburgh Coal | | | | 755 | 762 | | |
Murphy Sand | | | | 850 | 862 | | |
Big Dunkard | | | | 1245 | 1320 | | |
First Salt Sand | | | | 1435 | 1470 | | |
Third Salt Sand | | | | 1664 | 1686 | | |
Maxton Sand | | | | 1784 | 1814 | | Perf. 1784 - 1814
Lower Maxton Sand | | | | 1872 | 1975 | | |
Big Lime | | | | 1880 | 1910 | | Perf. 1934 - 1946
Big Injun Sand | | | | 1912 | 2048 | | |
Total Depth | | | | | | | 2109 |
5 1/2" Float Shoe @ 21.09 | | | | | | 1670 | 1710 |
7 3/4" Insert Check Valve | | | | 21.00 | | 1049 | 1670 |

**Casing and Tubing:** Used in Drilling | Left in Well | Packers |
--- | --- | ---
Size | Kind of Packer | Site of |
14' | | |
18' 3/8" | 33' | 33' |
10' 5/8" | 819' | 819' |
6' | Depth set. | |
5 1/2 X 2 1/2" | 2109' | 2109' |
2 | Perf. top. | |
2 | Perf. bottom | |
2 | Perf. top. | |
2 | Perf. bottom | |

**Casing Cemented** | **Size** | **No. Ft.** | **Date**
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COAL WAS ENCOUNTERED AT 755 FEET INCHES |

**State of West Virginia**

**Department of Mines**

**Oil and Gas Division**

(Over)