



## Goshorn No. 20 Well Record (712).

Located in Elk district on divide between waters of Falling Rock Creek and Laurel Fork of Blue Creek, 2.3 miles east of Carpenter's station. Completed June 7, 1913. Authority, O'Connell Oil Company. Elevation 1230'.

	Thickness Feet.	Total Feet.
Unrecorded .....	480	480
Coal, Stockton-Lewiston .....	5	485
Unrecorded .....	745	1230
Salt sand .....	430	1660
Red rock .....	140	1800
Little Lime .....	35	1835
Pencil Cave .....	5	1840
Lime .....	15	1855
Pencil Cave .....	5	1860
Big Lime .....	160	2020
Slate .....	7	2027
Red rock .....	38	2065
Sand, Big Injun .....	35	2100
Sand and breaks of slate .....	110	2210
White sand, "Weir," oil.....	35	2245
Slate to bottom .....	3	2248

10" casing, 20 feet; 8" casing, 160 feet; 6½" casing, 1806 feet; first oil at 2231 feet; gas at 2237 feet; second oil at 2237-2241 feet; oil well."

## Goshorn No. 19 Well Record (737).

Located in Elk district on divide between waters of Falling Rock Creek and Laurel Fork of Blue Creek, 3 miles northeast of Carpenter station. Completed May 19, 1913. Authority, O'Connell Oil Company. Elevation, 1130' B.

	Thickness Feet.	Total Feet.
Soil, black shale, and shells.....	1080	1080
Salt sand .....	245	1325
Slate .....	15	1340
Lime .....	10	1350
Slate .....	10	1360
Hard, gritty lime .....	20	1380
Sand .....	100	1480
Lime .....	20	1500
Red rock .....	5	1505
Lime .....	60	1565
Slate .....	10	1575
Lime .....	5	1580
Red rock .....	45	1625
Slate and lime shells .....	50	1675
Hard sandy lime .....	10	1685
Slate and shells .....	35	1720
Little Lime .....	30	1750
Pencil Cave .....	5	1755
Lime .....	30	1785

	Thickness Feet.	Total Feet.
Pencil Cave .....	5	1790
Big Lime .....	155	1945
Red rock and slate .....	30	1975
White sand, Big Injun .....	55	2030
Red sand .....	5	2035
Hard white sand .....	30	2065
Sand and lime shells .....	45	2110
Sand, "Weir," oil .....	65	2175

"10" casing, 17 feet; 8" casing, 800 feet; 6 $\frac{5}{8}$ " casing, 1789 $\frac{1}{2}$  feet; half enough water to drill with at 100 feet; hole filled up with water in a rush at 1200 feet; gas at 1820 feet; first oil, 2148 feet; second oil, 2162 feet and 2165 feet."

Goshorn No. 17 Well Record (714).

Located in Elk district, on divide between waters of Falling Rock Creek and Laurel Fork of Blue Creek, 3 miles northeast of Carpenter station. Completed March, 1913. Elevation, 1070' B.

	Thickness Feet.	Total Feet.
Unrecorded .....	18	18
Sand .....	182	200
Slate .....	70	270
Coal, Stockton .....	5	275
Sand .....	5	280
Coal, Stockton .....	5	285
Sand .....	20	305
Coal, Coalburg .....	5	310
Shells .....	190	500
White sand .....	80	580
Slate .....	120	700
Sand .....	25	725
Shells .....	355	1080
Salt sand .....	420	1500
Slate .....	10	1510
Red rock .....	60	1570
Lime shells .....	55	1625
Sand, Maxton .....	20	1645
Slate .....	15	1660
Little Lime .....	25	1685
Pencil Cave .....	5	1690
Big Lime .....	175	1865
Slate .....	10	1875
Red rock .....	35	1910
Sand .....	90	2000
Slate .....	40	2040
Sand, "Weir," oil .....	40	2080
Slate to bottom .....	5	2085

"10" casing, 18 feet; 8" casing, 720 feet; 6 $\frac{5}{8}$ " casing, 1705 feet; water at 1150 feet and 1400 feet; "break" of 2 feet in Big Lime at 1700 feet; gas at 1850 feet; first oil, 2075 feet; gas at 2076 feet; second oil, 2076-2080 feet; oil well."