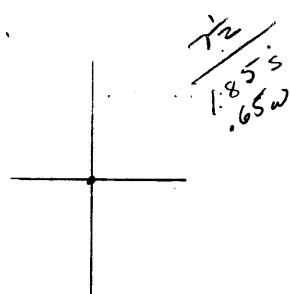


LATITUDE 38° 27' 30" (12)

80018 (12)

LONGITUDE



7 1/2 loc
 Taken from Equitable
 Resources 1929 Farm Property
 Maps J-27
 sch 3113191
 167
 ON MAP II 1917

7'5 OGIS topo location

7.5' loc _____ 15' loc _____
 _____ (calc.) _____

Company Leatherwood Oil Co.

Farm Navesport # 61071

Quad Clay (7 1/2)

County Clay

District Hancock

WELL LOCATION MAP

File No. 015-70027

Henry District, Clay County, W. Va. ²⁷

Leatherwood Oil Co. (No. 1).

On Leatherwood Creek, 400 feet below mouth of Cove Hollow Branch.

Elevation, about 700'. (2 mi. S. 20° W. from Clay C. H.)

Commenced spudding, Jan. 19, 1922; completed, April 2, 1922.

Wood conductor, 16'; 10" casing, 249'; 8", 914'; 6-5/8", 1463'.

All casing pulled from well.

Well plugged in Big Lime; also above and below oil and gas sand found at 365-375'. Cement used in plugging hole.

	Top.	Bottom.
Sand and gravel	0	16
Sand	16	31
Slate and shale	31	130
Sand, limy	130	175
Slate	175	180
Coal (Chilton)	180	182
Sand	182	210
Slate and shells	210	310
Coal, No. 2 Gas (water in coal)	310	315
Slate and shells	315	365
Sand (good show oil and gas)	365	375
Slate and shells	375	500
Gas Sand	500	590
Slate	590	600
Sand	600	645
Slate	645	680
Sand	680	723
Slate	723	743
First Salt Sand (water at 753-765')	743	826
Slate, lime, and shells	826	974
Second Salt Sand (show gas, 980')	974	1030
Slate, shells, and lime	1030	1135
Third Salt Sand (gas at 1140')	1135	1220
Red rock	1220	1223
Slate and shells	1223	1390
Little Lime	1390	1420
Slate and Pencil Cave (SLM at 1463')	1420	1463
Big Lime	1463	1625
Sandy lime (Keener) (show gas and oil at 1637-1644')	1625	1646
Sandy lime, with pebbles (Big Injun Sand)	1646	1658
Red rock	1658	1695
Slate and shells and lime	1695	2005
Brown shale, light	2005	2013
Brown shale (horizon of Berea Grit)	2013	2028
Slate, lime, and shells	2028	2304
Lime shell, hard (horizon of Gordon Stray Sand)	2304	2315
Slate, lime, and shells	2315	2465
Lime shell, hard (horizon of Gordon Sand)	2465	2470
Slate and lime shells	2470	2563
Black lime, gray and brown sand (Fifth Sand) (very strong smell oil) (Note: on washing out the pumpings from 2563 to 2581' showed scum of oil)	2563	2581
Slate, lime, and shells, to bottom	2581	2865

"This well is interesting in two particulars. The well disclosed an oil and gas sand at 365 feet. The hole was full of water at the time, and continued full (behind the 8-inch casing) until the completion of the well, and for two and one-half months the gas from this sand pushed the water, and some oil, over the top of the ten-inch casing, and the pressure was apparently as great at the completion of the well as it was when the sand was first uncovered. The second interesting fact disclosed was the discovery of the sand, with light show of oil, at 2563 feet, exactly eleven hundred feet under the top of the Big Lime. The writer showed samples of this formation to Mr. Harry Wallace, who thinks it is the Fifth, or McDonald Sand. Some twelve wells have been drilled within a radius of eight miles of this well, and none of them ever went to that depth below the top of the Big Lime, except the well on Sinnett Fork of Lilly Fork of Big Buffalo Creek, and that well showed 24 feet of lime at that depth. There were three screws of this formation, and they all had a strong petroleum smell, and washed out a dark scum of oil, but on standing a week failed to put any crude oil in the hole."....H.B.D. 4-17-22.