

Latitude

Longitude

.46s  
1.64w

Topo Location

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
(calc.) \_\_\_\_\_

Company Schenck Oil Co

Farm LF Burley #4

15' Quad \_\_\_\_\_  
(sec.)

7.5' Quad Peters Falls

District Magnolia

WELL LOCATION PLAT

County 103 Permit 70046

70046

L. F. Burley et al No. 4 Well (317-8)(283H)

Magnolia District, Wetzel County, W. Va.; on Derrick Run of Little Fishing Creek 1.2 miles north of Childs; completed April 24, 1927; authority, Silverhill Oil Company; elevation, 752' H.L.

	Top. Feet.	Bottom. Feet.
Surface, soft material .....	0	117
Coal, <u>Washington</u> .....	117	130
Red rock, lime and shells.....	130	485
Coal, <u>Mapletown, Sewickley</u> .....	485	487
Lime, hard, and shells .....	487	544
Coal, <u>Redstone</u> .....	544	545
Shells and hard lime .....	545	577
Coal, <u>Pittsburgh (steel line)</u> .....	577	579
Sand, <u>Minshall, Connellsville</u> .....	600	640
Lime, critty, and sand .....	665	695
Red rock .....	695	902
Lime .....	902	934
Sand, <u>Moundsville, Saltsburg</u> .....	934	954
Pink rock .....	1072	1080
Sand, <u>Big Dunkard, Mahoning</u> .....	1101	1109
Sand, <u>Burning Springs, Lower Freeport,</u> line .....	1168	1196
Coal, <u>Lower Freeport</u> .....	1196	1200
Coal, <u>Upper Kittanning</u> .....	1283	1287
Sand, <u>Second Cove Run, Homewood, soft</u> ....	1366	1505
Sand, <u>Salt, Upper Connoquenessing, hard</u> ..	1544	1594
Sand, <u>Warton, lime</u> .....	1644	1685
Little line .....	1681	1687
Pencil Cave .....	1687	1689
Big Line .....	1689	1735
Sand, <u>Big Indian</u> .....	1735	1977
Oil smell.....	1831	1827
Oil show, very light .....	1826	1852
Sand, <u>Weir, hard</u> .....	2085	2210
Lime, hard .....	2208	2275
Sand, <u>Berea, hard</u> .....	2335	2330
Sand, <u>Fifty-foot</u> .....	2364	2403
Red rock .....	2420	2474
Reduced hole to 3 3/16" (steel line).....		2400
Sand, <u>Thirty-foot (gas, 2531-2535')</u> .....	2526	2543
Unrecorded, no Gordon Stray or Gordon, but not drilled to Fourth .....	2543	2612
Total depth .....		2612

Conductor, 13'; 10" csg., 197'; 8" csg., 1094'; 6 5/8" csg., 1702'; 3" tubing.

Shot April 25, 1927, at 2529-2537', with 25 quarts, using an 8' x 41" shell. Test before shot, 200,000<sup>cu. ft.</sup>; blew down to 150,000 cu. ft.; test 30 minutes after shot, 20/10 Mercury in 2" - 875,000 cu. ft.

Tubed May 5, 1927, open-flow test after blowing open for 2 weeks, 300,000 ft. Rock pressure at end of 24 hours 675 pounds.

Magnolia District, Wetzel County, W. Va.

By Silverhill Oil Co.

Completed Apr. 24, 1927.

900 M. gas.; 850# R. P.

On Durigs Run.

13" conductor, 15' (wood); 10" casing, 197'; 8 $\frac{1}{2}$ ", 1094';  
6 $\frac{5}{8}$ ", 1702'; 3" tubing, 1885 $\frac{1}{2}$ '.Shot Apr. 25, 1927, 25 qts.; 8' shell - 4 $\frac{1}{2}$ " - 2529-37'.

70046

NOT LOCATED.

	Top.	Bottom.
Slate and shale (surface, soft)	0	117
Coal, native	117	120
Red rock, lime and shells	120	485
Coal, Mapletown (Sewickley)	485	487
Lime, hard, and shells	487	544
Redstone Coal	544	545
Shells and lime, hard	545	577
Coal, Pittsburgh (SLM)	577	579
Sand	600	640
Lime, gritty, and sand	865	895
Red rock	895	902
Lime	902	934
Little Dunkard Sand	934	954
Red rock	1072	1080
Big Dunkard Sand	1101	1109
Gas Sand, lime	1168	1196
Coal, Freeport	1196	1200
Coal	1283	1287
1 Salt Sand, soft	1368	1500
2 Salt Sand, hard	1544	1594
Marten Sand	1644	1665
Little Lime	1681	1687
Pencil Cave	1687	1689
Big Lime	1689	1735
Big Injan Sand (oil smell, 1821-27') (second show oil, 1828-32', very light) (oil show, 1860-62'?)	1735	1977
Sand, hard, Squaw	2085	2210
Lime, hard	2210	2275
Soft slate	2275	2325
Sand, Berea	2325	2330
Hard shaly lime	2354	2370
50-Ft. (Berea) Sand	2387	2403
Red rock (reduced hole to 5 $\frac{3}{16}$ " at 2426') (SLM - 2486')	2426	2474
L. shell, Gantz	2520	2524
30-Ft. Sand (gas, 2531-35')	2526	2543
G. Stray Sand	None	
Garden Sand	None	
Total depth		2612

Well not drilled to 4th Sand.  
Well shot in 30-Ft. SS with 25 qts.  
and tested 875 M. cu. ft. gas.  
Well tubed and shut in.  
Hole filled up with small broken  
stone from 2612 to 2549' (SLM)