

WOOD AND ANDERSON LEASE. WELL #7.
NE COR. NW 11-35-2 E.,
Comm. 7/14/14.
Comp. Nov. '14.

Drilled by Frank Ritchey, Contractor.
Cleveland, Ohio.

Elev. 1197

Casing Record:

12 1/2"	530'
8 1/4"	1940'
6 5/8"	2095'
5 3/16"	2960'
10"	812'.

Plotted: L.R.

Sec. 11-T. 35-R2E.

Plotted

Depth

sandy soil 60
gravel 67
blue shale 77
brown 107
blue 120
gyp rock 123
blue shale 138
gyp rock 140
blue shale 170
gyp rock 185
blue shale 195
gyp rock 205
blue shale 220
gyp rock 224
blue shale 340
lime 353
blue shale 358
red rock 368
blue shale 390
lime 400
blue shale 430
lime 440
blue shale 455
lime 490
sand 515
red rock 530
lime 540
blue shale 557
lime 620
blue shale 630
red rock 640
blue shale 650
lime 670
blue shale 672
lime 695
blue shale 698
lime 735
white slate 745
red rock 770
lime 774
red rock 790
sand 800
grey shale 818
lime 850
blue shale 855
lime 865
blue slate 875
lime 1000
blue shale 1015
sand GAS 1040
(show water)
blue shale 1045
lime 1050
blue shale 1215
lime 1225
blue shale 1250

lime 1255
blue shale 1280
lime 1285
blue shale 1288
lime 1300
blue shale 1305
lime 1340
blue shale 1380
lime 1390
blue shale 1400
sand 1420
blue shale 1425
lime 1455
blue shale 1485
lime (water) 1490
blue shale 1495
lime 1550
blue shale 1645
lime 1690
(some gas-water)
blue shale 1705
lime 1765
blue shale 1775
lime 1845
blue shale 1885
sand 1940
blue shale 1980
lime 2000
blue shale 2020
blue shale 2200
lime 2205
blue shale 2235
sand 2265
sandy shale 2330
black slate 2335
lime 2347
blue shale 2365
sand broken 2400
sand 2460
blue shale 2470
sand 2540
blue shale 2550
sand&lime 2710
blue shale 2800
sand 2960
(little oil gas)
slate shelly 3025
lime 3133
blue shale 3135
gas sand 3200
(little gas)
lime 3287
slate 3290
lime 3315
black slate 3320
lime 3330

lime 2028
black slate 2040
lime 2045
blue shale 2065
red rock 2080
lime 2086
red rock 2095
blue shale 2115
red rock 2121
lime 2126
blue shale 2136
lime 2145
sand 2160
blue shale 2165
sand 2170
red rock 2175
blue shale 2190
lime 2196

Water record.

Sand 2BW at 500'
Sand 2 1/2 BW at 1040'
Lime 1 BW at 1490'
Lime 2 1/2 BW at 1655'
Lime 1 BW at 1740'
Water at 3538'
HFW at 2560'

black slate 3395
lime 3398
blue slate 3460
red rock 3505
Top Swenson sand
at 3505
water at 3538
bottom sand 3560
HFW at 3550
Total depth 3560

Woods & Anderson Well No. 1

12 1/2" 530', 8 1/4" 1940', 6 5/8" 2095', 5 3/16" 2960'.

Strata	Thickness	Depth.	Strata	Thickness	Depth.
Sandy Soil	60	60	Sand	20	1420
Gravel	7	67	Shale blue	5	1425
Shale blue	10	77	Lime	30	1455
Shale brown	30	107	Shale blue	30	1485
Shale blue	13	120	Lime 1 B. W.	5	1490
Gyp rock	3	123	Shale blue	5	1495
Shale blue	15	138	Lime	55	1550
Gyp rock	2	140	Shale blue	95	1645
Shale blue	30	170	Lime	45	1690
Gyp	15	185	Gas and water at 1655		
Shale blue	10	195	Shale blue	15	1705
Gyp rock	10	205	Lime water at 1740	60	1765
Shale blue	15	220	Shale blue	10	1775
Gyp rock	4	224	Lime	70	1845
Shale blue	116	340	Shale blue	40	1885
Lime	13	353	Sand	55	1940
Shale blue	5	358	Shale blue	40	1980
Red rock	10	368	Lime	20	2000
Shale blue	22	390	Shale blue	20	2020
Lime	10	400	Lime	8	2028
Shale blue	30	430	Slate black	12	2040
Lime	10	440	Lime	5	2045
Shale blue	15	455	Shale blue	20	2065
Lime	35	490	Red rock	15	2080
Sand	25	515	Lime	5	2086
Red rock 2 B. W.	15	530	Red rock	9	2095
Lime	10	540	Shale blue	20	2115
Shale	17	557	Red rock	6	2121
Lime	63	620	Lime	5	2126
Shale blue	10	630	Shale blue	10	2136
Red rock	10	640	Lime	9	2145
Shale blue	10	650	Sand	15	2160
Lime	20	670	Shale blue	5	2165
Shale blue	2	672	Sand	5	2170
Lime	23	695	Red rock	5	2175
Shale blue	3	698	Shale blue	15	2090
Lime	37	735	Lime	6	2196
Slate white	10	745	Shale blue	4	2200
Red rock	25	770	Lime	5	2205
Lime	4	774	Shale blue	30	2235
Red rock	16	790	Sand	30	2265
Sand	10	800	Sandy Shale	65	2330
Shale grey	18	818	Slate black	5	2335
Lime water & 1/2 m' gas	32	850	Lime	12	2347
Shale blue	5	855	Shale blue	18	2365
Lime	10	865	Sand broken	35	2400
Slate blue	10	875	Sand	60	2460
Lime	25	1000	Shale blue	10	2470
Shale blue	15	1015	Sand	70	2540
Sand 2.5 B. W.	25	1040	Shale blue	10	2550
Shale blue	5	1045	Sand & lime	160	2710
Lime	5	1050	Slate blue	90	2800
Shale blue	165	1215	Sand	160	2960
Lime	10	1225	Slate shelly	65	3025
Shale blue	25	1250	Lime	108	3133
Lime	5	1255	Shale blue	2	3135
Shale blue	25	1280	GAS SAND	65	3200
Lime	5	1285	Lime	87	3287
Shale blue	3	1288	Slate	3	3290
Lime	12	1300	Lime	25	3315
Shale blue	5	1305	Slate black	5	3320
Lime	15	1320	Lime	10	3330
Shale blue	60	1380	Slate black	65	3395
Lime	10	1390	Lime	4	3399
Shale blue	10	1400	Slate blue	61	3460
			Red rock	45	3505
			SWINSON SAND top 3505 botm		3560
			Initial prodn, dry.		