

LATITUDE

LONGITUDE

7'5 OGIS topo location

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

Company Dinsmoor Oil Co.

Farm Aaron Pugh 7

Quad _____

County Wood

District _____

WELL LOCATION MAP

File No. 107-70108

116 PETROLEUM AND NATURAL GAS IN WOOD COUNTY.

Sand	1000 to 1090
Slate	1090 to 1150
Sand	1150 to 1210
Slate	1210 to 1260
Sand	1260 to 1335
Slate, shell.....	1335 to 1405
Big Injun Sand.....	1405 to 1605
Black slate.....	1605 to 1615
Slate	1615 to 1705
Sand	1705 to 1717
Hard shell.....	1717 to 1719
Black shale	1719 to 1737
Berea Sand.....	1918 to 1920
Total depth.....	1948

Two miles and a half below Williamstown on the Ohio river at Pohick on the Pugh farms, a number of wells were drilled in 1901 and 1902 which are now owned by the Dinsmoor Oil Co. The record of the No 7 well was given by Dr. I. C. White in Volume I of the Survey reports (p. 289), the other records have been furnished by Mr. Aaron Pugh. The No. 7 is located on the second river terrace just east of the county road. The No. 13 is still farther east, on the highest land of the farm, while Nos. 3, 4, 8, 14, 15 are on the lower river terrace west of the railroad track.

70108 Aaron Pugh Well, No. 7 (U. S. 644 A. T).

	Thickness. Depth.	
	Feet	Feet
Drive pipe through gravel and quicksand...	107	107
Limestone	10	117
Red rock	55	172
Sand, white, coarse	35	207
Red and blue shales	468	675
First Cow Run sand, with oil	41	716

Dr. White adds the following comments on this record:
 "This well produced 30 to 40 barrels an hour when first drilled in. The white sand at 172 feet appears to be identical with the massive cliff rock which overlies the coal mined 60 to 90 feet above the river level at St. Marys, Pleasant county,
 * * * *

"In the No. 3. J. R. Uhl, near this and only a few feet lower, the Cow Run sand was struck at 705 feet, but being thin and unproductive the well was drilled on below, and

Power Oil Company No. (HC&R-525) (HNG-5700) Well.

Walker District, Wood County, W. Va.
By Hope Construction & Refining Company and Hope Natural Gas Company.

Woo-A on map.
Elevation, 1216' L.
Dry hole.

Located 5.64 mi. S. of 39° 20' and 1.19 mi. W. of 81° 15'—SE—Marietta Quadrangle.

At head of Mudlick Run.
2.16 mi. S. W. of Newlandsville; 0.35 mi. S. W. of Volcano.

WOOD-A
5000 (→)
70108

	Top.	Bottom.	Thickness.	Elevation (top)
Big Lime -----	370	400	30	+ 846
Big Injun Sand -----	400	420	20)	+ 816
	460	480	20)	
Berea Sand -----	948	950	2	+ 268
Corniferous Lime -----	4230	4420	190	-3014
Oriskany Sand -----	4420	4508+	88+	-3204

Thickness, Devonian Shales, 3280 feet. Total depth, 4520' (SLM). 485
Remarks: Completed Aug. 1, 1921. Not shot.
Fresh water, 40'. Show oil, 185' and 260'. Show gas, 580' and 950'.
Salt water, 4269-75'. (5 8" bailers per hour). Show oil, 4269'.
Water, 4380-90' (filled 8" hole 3000').
Specific gravity water, 1.2148 at 15°C. Solid content, 33.39%.
Samples from 4425' to 4508'.

DEEP WELL

70108

Walker District, Wood County, W. Va.
 Hope Construction & Refining Co. No. 525.
 Location made Jan. 7, 1920; first work done, Jan. 20, 1920.
 Rig commenced, March 1, 1920; rig completed, March 9, 1920.
 Drilling commenced, March 15, 1920; drilling completed, Aug. 10, 1921.
 Drilling contractor: H. N. G. Co. String No. 368.
 Drillers: Pearl Langfitt, J. G. Warner, Wm. O. Monroe, and James Griffin.
 Tool Dressers: Clarence Herbert, Curtis Hoyt, and James M. Nutter.
 10" casing, 1005' 8" (pulled); 8 1/4", 2245' (pulled); 6-5/8", 1446', screw and 3003' welded = 4449' (pulled out 3842' 10"; left in, 606' 2").
 10" Steel shoe, 1005' amt. above anchor, S.L.
 8 1/4" Steel shoe, 2245' amt. above anchor, S.L.
 6-5/8" Steel shoe, 4449' amt. above anchor, S.L.
 Not shot. Not cemented.

	Top.	Bottom.
Slate	12	30
Sand (2 bailers fresh water per hour, 40')	30	70
Coal	120	122
Sand	122	155
Slate	155	157
Sand (show of oil, 185' SLM)	157	210
Slate	210	235
Sand (show of oil, 260' SLM)	235	350
Slate	350	370
Lime	370	400
Sand	400	420
Slate	455	460
Sand	460	480
Slate	480	485
Sand	485	515
Slate	515	518
Sand	518	555
Slate	555	557
Sand	557	570
Slate	570	575
Sand (show of gas, 580', SLM)	575	585
Lime shell	585	948
Berea Sand (show of gas, 950', SLM)	948	950
Slate	950	1015
Dark lime	1015	1075
Light slate	1075	1150
Lime	1150	1210
Slate	1210	1240
Lime	1240	1290
Slate	1290	1320
Lime	1320	1380
Slate	1380	1590
Lime	1590	1620
Slate	1620	1740
Lime	1740	1775
Slate	1775	1840
Lime	1840	1870
Slate	1870	1900
Lime	1900	1905

WOOD A-D
 orphan
 wells?
 700 series #s
 ??

POWER OIL CO. NO. 525 WELL (Continued).

	Top.	Bottom.
Slate	1905	- 2010
Lime	2010	- 2015
Slate	2015	- 2055
Lime	2055	- 2058
Slate	2058	- 2093
Lime	2093	- 2100
Slate	2100	- 2125
Lime	2125	- 2128
Slate	2128	- 2138
Lime	2138	- 2143
Slate	2143	- 2155
Lime	2155	- 2163
Slate	2163	- 2166
Lime	2166	- 2172
Slate	2172	- 2182
Lime	2182	- 2185
Slate	2185	- 2200
Lime	2200	- 2204
Slate	2204	- 2212
Lime	2212	- 2215
Slate	2215	- 2246
Lime (SLM, 2248')	2246	- 2266
Slate	2266	- 2306
Lime	2306	- 2316
Slate	2316	- 2376
Lime	2376	- 2386
Slate	2386	- 2400
Lime	2400	- 2425
Slate	2425	- 2450
Lime	2450	- 2465
Slate	2465	- 2480
Lime	2480	- 2495
Slate	2495	- 2530
Lime	2530	- 2540
Slate	2540	- 2565
Lime	2565	- 2570
Slate	2570	- 2595
Lime	2595	- 2610
Slate	2610	- 2622
Lime	2622	- 2628
Slate	2628	- 2640
Lime	2640	- 2653
Slate	2653	- 2657
Lime	2657	- 2672
Slate	2672	- 2678
Lime	2678	- 2687
Slate	2687	- 2690
Lime	2690	- 2700
Slate	2700	- 2704
Lime	2704	- 2715
Slate	2715	- 2719
Lime	2719	- 2722
Slate	2722	- 2840
Lime	2840	- 2850
Slate	2850	- 2900
Lime	2900	- 2910
Slate	2910	- 2930

(CONTINUED ON NEXT PAGE)

70108

	Top.	Bottom.	
Lime	2930	- 2940	
Slate	2940	- 3020	
Lime	3020	- 3030	
Slate	3030	- 3130	
Lime	3130	- 3135	
Slate	3135	- 3175	
Lime	3175	- 3180	
Slate	3180	- 3250	
Lime	3250	- 3255	
Slate	3255	- 3320	
Lime	3320	- 3325	
Slate	3325	- 3425	
Lime	3425	- 3430	
Slate	3430	- 3475	
Lime	3475	- 3480	
Slate	3480	- 3520	
Lime	3520	- 3530	
Slate	3530	- 3548	
Lime	3548	- 3552	
Slate	3552	- 3565	
Lime	3565	- 3570	
Slate	3570	- 3610	
Lime	3610	- 3615	
Slate	3615	- 3710	
Lime (show of gas, 3710')	3710	- 3711	
Slate	3711	- 3800	
Lime	3800	- 3805	
Slate	3805	- 3925	
Lime	3925	- 3930	
Slate	3930	- 4100	
Lime	4100	- 4105	
Slate	4105	- 4145	
Lime	4145	- 4150	
Slate	4150	- 4160	
Lime	4160	- 4225	
Slate	4225	- 4230	
Lime, hard, Corniferous Lime (show of oil, 4269')	4230	- 4420	(SLM, 4269')
Sand, top of Oriskany (water, 4271')	4420	- 4444	
Lime	4444	- 4452	(SLM, 4449')
Sand, dark	4452	- 4462	
Sand, light	4462	- 4466	
Gritty sand	4466	- 4477	
Dark sand	4477	- 4501	
Light, coarse sand (Oriskany)	4501		
Salt water at 4271'; 5 - 8" bailers per hour.			
Total depth		4520	(SLM)

ROPER OIL CO. NO. 9700 WELL.

DEEP WELL

WOOD A

70108

Walker Drift
 Felder, Wood County, W. Va.
 By Hope Natural Gas Co.

Temperature measurements and record from M. J. Brothel, Director,
 U. S. Geological Survey, Washington, D. C., to Price, Apr. 18, 1947.

Water, 140 and 4271 feet.
 Show of gas, 580, 950, and 3710 feet.
 Show of oil, 185, 250, and 4269 feet.
 Coal, 120-122 feet.
 Sand, slate, lime, 122-948 feet.
 Barren sand, 948-950 feet.
 Lime, slate, 950-4452 feet.
 Sand, 4452-4460 feet.

Depth.		Observed temperatures.	
Meters.	Feet.	Cent.	Fahr.
0.0	0	11.8	53.2
30.5	100	12.8	55.0
152.4	500	14.4	57.9
304.8	1000	17.1	62.7
457.2	1500	20.6	69.0
609.6	2000	24.1	75.3
762.0	2500	28.4	83.1
914.4	3000	33.2	91.7
1066.8	3500	37.7	99.9
1219.2	4000	43.2	109.7
1371.6	4400	47.7	117.9