

LATITUDE 39°00'00"

00°08'30" LONGITUDE



7'5" OGIS topo location

7.5' loc 1.97 S 15' loc \_\_\_\_\_  
                  1.30 W (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad PETERSON 7 1/2'

County LEWIS

District COURT HOUSE

WELL LOCATION MAP

File No. 041-70008

PORTER ARNOLD NO. 4513 WELL

70008

Court House District, Lewis County, W. Va.

By Hope Natural Gas Co., 445 W. Main St., Clarksburg, W. Va.

At head of western branch of Rush Run, 2.6 mi. E. of Gillooly and 4.3 mi. N. of Arnold.

3.92 mi. N. of 38° 55' and 3.28 mi. E. of 89° 30' - NE - Burnsville Quad.

Elevation 1419' L.

Location made Sept. 30/16; drilling completed Jan. 25, 1917 (depth 3366')

Deepened to 5020', completed Sept. 12/18.

10" casing 168' 5"; 8 1/4", 1110'; 6 5/8", 2208' 6"; 5 3/16", 2783'.

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	Top	Bottom
Little Dunkard Sand	925	960
Big Dunkard Sand	1080	1130
Gas Sand	1180	1250
1st Salt Sand	1290	1500
2nd Salt Sand	1585	1660
Sand	1745	1808
Mutton Sand	1955	1995
Little Lime	2075	2080
Fennell Cave	2080	2088
Big Lime	2088	2166
Big Injun Sand (gas, 2212-2220', 7/10 W 1")	2166	2285
Squaw Sand	2300	2370
Gantz Sand	2390	2425
50 Ft. Sand	2570	
30 Ft. Sand	2660	2700
Gordon Stray Sand	2725	2748
Gordon Sand	2762	2790
Fourth Sand	2800	2810
Fifth Sand	2898	2913
Sand	3272	3293
TOTAL DEPTH		3366

	Reamed	
Sand	3366	3387
Slate	3387	3393
Gritty lime	3393	3450
Shells	3450	3492
Lime	3492	3516
Sand	3516	3548
Sand	3548	3650
Lime	3691	3718
Slate and shells	3718	3742
Sand	3742	3750
Slate and shells	3759	3800
Sand	3800	3810
Slate and shells	3810	3831
Sand	3831	3869
Gritty lime	3869	3897
Slate and shells	3897	3975
Lime	3975	4012
Slate and shells	4012	4051
Lime	4051	4078
Slate	4078	4088

(Over

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	Top	Bottom
Gritty lime	4088	4108
Slate and shells	4108	4151
Gritty lime	4151	4206
Slate and shells	4206	4250
Lime	4250	4281
Slate and shells	4281	4307
Sand	4307	4348
Slate and shells	4348	4383
Gritty lime	4383	4426
Slate and shells	4426	4576
Lime	4576	4592
Slate and shells	4592	4625
Lime	4625	4646
Slate	4646	4662
Gritty lime	4662	4728
Slate and shells	4728	4769
Lime	4769	4796
Slate and shells	4796	4819
Sand	4819	....
Slate and shells	4829	4858
Gritty lime	4858	4888
Slate and shells	4888	4905
Benson Sand	4905	....
Benson Sand (gas 18/10 W 1/2", 6,850 cu. ft.)	4944	4955
Slate	4955	4961
Lime, to bottom	4961	5020