

LATITUDE

39 35

05 08

LONGITUDE

→ OGIS
75' 10c

7'5 OGIS topo location

7.5' 10c 1.80S
1.34W

15' 10c 1.80S
(calc.) 1.34W

Company _____

Farm _____

Quad Big Run Littleton SE

County _____

District Grant

WELL LOCATION MAP

File No. Wet. 113

JAMES M. ALLEN NO. 7739 WELL (Continued).

	Top.	Bottom.
Lime, white	1170	1190
Red rock	1190	1200
Lime, slate	1200	1226
Lime, white	1226	1243
Slate shells	1243	1275
✓ Little Dunkard Sand	1275	1285
Slate, dark	1285	1295
Lime, white	1295	1320
✓ Big Dunkard Sand	1320	1360
Slate, white	1360	1387
Lime, white	1387	1395
Sand, white	1395	1420
Slate, dark	1420	1450
Sand, gray	1450	1485
Slate, dark	1485	1520
Sand	1520	1540
Slate	1540	1550
✓ First Salt Sand <i>Gas Sand</i>	1550	1625
Slate, dark	1625	1680
✓ Sand, white <i>1st Salt</i>	1680	1690
Slate, dark	1690	1730
✓ Sand, white <i>2nd Salt</i>	1730	1738
Slate, dark	1738	1740
✓ Sand, white (water, 1808 and 1870') <i>3rd Salt</i>	1740	1950
Slate and lime	1950	1961
Lime, hard	1961	2005
Red rock, soft	2005	2015
Lime, hard	2015	2024
Red rock, soft	2024	2080
Lime, hard	2080	2100
Slate, soft	2100	2119
✓ Little Lime, hard	2119	2128
✓ Pencil Cave	2128	2130
✓ Big Lime	2130	2200
✓ Big Injun Sand (gas, 2285')	2200	
Total depth		2285

Grant District, Wetzel County, W. Va.
 By Hope Natural Gas Co., Clarksburg, W. Va.
 On 858 acres, on North Fork of Fishing Creek.
 Drilled under permit Wet-113.

Elevation.....

Drilling commenced Aug. 18, 1936; completed, Sept. 24, 1936.

Fresh water at 163 and 215'; salt water at 1808 and 1870'.

13" casing, 228'; 10", 971'; 8 $\frac{1}{2}$ ", 1690'; 6 $\frac{5}{8}$ ", 2181'; all left in well.

Special anchor packer, 10 x 13 x 16" rubber, set at 874'.

Perf. top 912'; perf. bot. 920'.

Coal was encountered at 414-417, 668-670, 817-821, and 914-920'.

Gas well. Completion reported to Dept. of Mines Oct. 27, 1936.

	Top.	Bottom.
Soil--Surface	0 -	12
Rock, light	12 -	20
Slate, light	20 -	150
Lime	150 -	160
Slate (water at 163')	160 -	175
Red rock	175 -	190
Slate, light (water at 215')	190 -	225
Lime, gray	225 -	240
Slate, light	240 -	280
Red rock	280 -	295
Lime	295 -	350
Red rock	350 -	355
Lime	355 -	370
Slate, light	370 -	395
Lime, light	395 -	414
Coal	414 -	417
Slate, dark	417 -	430
Lime, white	430 -	470
Sand, white	470 -	480
Slate, light	480 -	485
Lime, white	485 -	495
Slate, dark	495 -	510
Sand, white	510 -	555
Slate, dark	555 -	560
Lime, white	560 -	590
Sand, white	590 -	668
Coal, soft	668 -	670
Lime, hard	670 -	817
Coal, soft	817 -	821
Lime, hard	821 -	912
Slate, soft	912 -	914
Pittsburgh Coal, soft (gas, 915-920')	914 -	920
Lime, hard	920 -	975
Red rock	975 -	980
Slate, dark	980 -	1050
Sand, white	1050 -	1075
Red rock	1075 -	1080
Lime, white	1080 -	1090
Slate, dark	1090 -	1100
Sand, white	1100 -	1115
Slate, white	1115 -	1125
Red rock	1125 -	1135
Slate, dark	1135 -	1170

(OVER)