

LATITUDE

39 42 30

0 → 06'15
7.5'10c

39
42
30

LONGITUDE

7.5 OGIS topo location

7.5' loc	<u>0.22S</u>	15' loc	<u>3.10S</u>
	<u>0.65W</u>	(calc.)	<u>2.87W</u>

Company _____

Farm _____

Quad New Martinsville +15' NE

County _____

District Proctor

WELL LOCATION MAP

File No. Well 77

Proctor District, Wetzel County, W. Va.
 By The Wiser Oil Co., Sistersville, W. Va. (A.E. Freeland, Supt.)
 On 88 acres, surface owned by Sanford Woods, Proctor, W. Va.,
 and mineral rights by Sanford Woods et al., Proctor, W. Va.
 Drilled under permit Wet-77, issued Dec. 6, 1933.
 Elevation, 677.4' L.
 No conductor; 10" casing, 198'; 8 1/4", 817'; 6-5/8", 1302';
 3" tubing, 2289'.
 Anchor (ParmacO) packer, 3 x 6-5/8 x 16, set at 2213'.
 Casing perforated at 2278-2289'.
 Coal was encountered at 274-276, 565-567, and 665-667'.
 Completion reported to Dept. of Mines Feb. 24, 1934.
 Well was not shot.
 Fresh water at 40'; salt water at 1030'.
 Gas well.

	Top.	Bottom.	Thickness.
Gravel	0	14	14
Shale	14	24	10
Red rock	24	34	10
Lime shells (water, 40')	34	205	170
Mapletown (Sewickley) Coal	205	207	2
Lime	207	274	67
Coal	274	276	2
Lime	276	295	19
Pittsburgh Coal	295	297	2
Shale and shells	297	355	58
Red rock	355	360	5
Shale and shells	360	420	60
Red rock	420	430	10
Shale	430	465	35
Lime	465	475	10
Shale and shells	475	550	75
Sand (small gas) <i>Murphy</i>	550	565	15
Coal	565	567	2
Shale	567	585	18
Red rock	585	600	15
Lime	600	655	55
Shale	655	665	10
Coal	665	667	2
Shale	667	675	8
Red rock	675	685	10
Shale and shells	685	720	35
Shale, black	720	755	35
Shale, gray	755	785	30
Pink rock	785	790	5
Shale, black	790	795	5
Shale, white	795	810	15
1st Cow Run Sand (Dunkard)	810	895	85
Shale, black	895	905	10
Shale and lime shells	905	1010	105
1st Salt Sand (water, 1030'; 6 bailers per hour)	1010	1070	60
Shale	1070	1140	70
2nd Salt Sand	1140	1175	35
Shale and shells	1175	1240	65
Sand <i>3rd Sand</i>	1240	1300	60
Shale	1300	1337	37

(OVER)

SANFORD WOODS NO. 1 WELL (Continued).

	Top.	Bottom.	Thickness.
✓-Maxton Sand (small gas, gas. top sand)	1337	- 1360	23
✓ Shale <i>Dark</i>	1360	- 1365	5
✓-Big Lime	1365	- 1465	100
✓ Slate <i>Keokuk</i>	1465	- 1475	10
✓-Big Injun Sand	1475	- 1665	190
Shale and shells	1665	- 1935	270
✓-Berea Grit <i>Keokuk</i>	1935	- 1945	10
Shale and shells	1945	- 2100	155
Red rock	2100	- 2160	60
- Shale	2160	- 2212	52
✓ Facker shell (SLM)	2212	- 2216	4
Shale	2216	- 2274	58
✓ Gordon Sand (gas pay, 2275-2287')	2274	- 2287	13
Shale (SLM top of pay)	2287	- 2289	2
Total depth		2289	