

LATITUDE 39° 27' 30''

LONGITUDE 80° 20' 00''



1.70 D  
1.01 W

T'S OGIS topo location

7.5' loc \_\_\_\_\_ 15' loc \_\_\_\_\_  
\_\_\_\_\_ (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm ELIZA ROBINSON

Quad SHINNASTON 7 1/2

County HARRISON

District EAGLE

WELL LOCATION MAP

File No. 033 - 70164

Plotted

Eliza Robinson No. 4291 Well.

\_\_\_\_\_ District, \_\_\_\_\_ County, W. Va.;

completed June 29, 1917; authority, Hope Natural Gas Co.;  
elevation, \_\_\_\_\_.

70164

	Top Feet	Bottom Feet
Coal, Pittsburgh .....	141	149
Sand, Moundsville (Saltsburg) .....	510	542
Sand, Little Dunkard (water, 515' - 1/2 bailer) .....	550	580
Sand, Big Dunkard .....	602	672
Gas Sand .....	780	885
Sand, First Salt .....	905	973
Sand, Second Salt .....	1003	1018
Sand, Third Salt .....	1048	1196
Sand, Maxton .....	1220	1240
Little Lime .....	1428	1440
Pencil Cave .....	1440	1445
Big Lime .....	1445	1510
Sand, Big Injun (gas, 1610') .....	1510	1631
Sand, Gantz .....	1986	2010
Sand, Fifty-foot .....	2050	2110
Sand, Thirty-foot .....	2116	2165
Sand, Gordon Stray .....	2205	2245
Sand, Gordon .....	2295	2375
Sand, Fifth .....	2502	2514
Shale, light .....	2514	2531
Lime (sand?) hard .....	2531	2539
Lime (shale?) soft .....	2539	2552
Slate .....	2552	2805
Pink Rock .....	2805	2825
Shale, dark .....	2825	2882
Sand .....	2882	2889
Shale .....	2889	2945
Lime (sandy shale?) .....	2945	2958
Shale .....	2958	2965
Lime (sandy shale?) .....	2965	2972
Shale .....	2972	2989
Lime (sandy shale?) .....	2989	3004
Shale .....	3004	3060
Lime shells .....	3060	3105
Shale .....	3105	3240

above?

	Top Feet	Bottom Feet
Lime shells .....	3240	3260
Shale .....	3260	3325
Lime (sand?) hard .....	3325	3370
Shale, black .....	3370	3396
Lime shells .....	3396	3398
Slate and shells (light gas at 3398' in Speechley Sand?) .....	3398	3695
Lime (sandy shale?) .....	3695	3755
Slate and shells .....	3755	3850
Lime shells .....	3850	3960
Lime (sandy shale?) .....	3960	3980
Slate .....	3980	4060
Lime (sandy shale?) dark .....	4060	4150
Slate, white .....	4150	4210
Lime (sand?) hard .....	4210	4270 ?
Lime (sandy shale?) .....	4275	4390
Lime (shale?) black .....	4390	4430
Slate .....	4430	4455
Lime (sandy shale?) .....	4455	4465
Slate .....	4465	4500
Lime (sandy shale?) .....	4500	4560
Slate .....	4560	4685
Slate and shells .....	4685	4908
Lime (shale?) black, to bottom .....	4908	4920
Well abandoned.		

13" casing, 205'; 10" csg., 1479'; 8 $\frac{1}{4}$ " csg., 2535'.

70164

Eagle District, Harrison County, W. Va.

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

On south hillside of Bingamon Creek, 0.85 mi. W. of Wyatt and 1.6 mi. N. W. of Peora.

1.17 mi. N. of 39° 25' and 2.50 mi. E. of 80° 25' - NC - Clarksburg Quadrangle. Commenced May 27, 1916; completed drilling April 27, 1917. Plugged and abandoned June 29, 1917.

Temperature measurements to 2000' by C. E. Van Orstrand and partial record published on pp. xcvi-xcvii of Barbour-Upsur County Report. Temperature at 2000' was 74.1° F.

13" casing, 205'; 10", 1479'; 8¼", 2535'.

Elevation, 1110' L.

141 - 149	Pittsburgh Coal	2989 - 3004	Lime
510 - 542	Sand	3004 - 3060	Shale
550 - 580	Little Dunkard Sand	3060 - 3105	Lime shells
	(½ bailer water at 515')	3105 - 3240	Shale
602 - 672	Big Dunkard Sand	3240 - 3260	Lime shells
680 - 885	Gas Sand	3260 - 3325	Shale
905 - 973	1st Salt Sand (top, 902'?)	3325 - 3370	Hard lime
1003 - 1018	2nd Salt Sand	3370 - 3396	Black shale (slate)
1048 - 1196	3rd Salt Sand	3396 - 3398	Lime shells (hard lime)
1220 - 1240	Maxton Sand	3398 - 3695	Slate and shells (light gas at 3398') (slate and lime)
1428 - 1440	Little Lime		
1440 - 1445	Pencil Cave		
1445 - 1510	Big Lime	3695 - 3755	Lime, hard
1510 - 1631	Big Injun Sand (gas, 1610')	3755 - 3850	Slate and shells (lime)
1986 - 2010	Gantz Sand	3850 - 3960	Lime shells
2050 - 2116	Fifty-foot Sand	3960 - 3980	Lime
2116 - 2160	Thirty-foot Sand	3980 - 4060	Slate
2205 - 2245	Gordon Stray Sand	4060 - 4150	Dark lime
2294 - 2375	Gordon Sand	4150 - 4210	White slate
2502 - 2514	Fifth Sand	4210 - 4275	Hard lime
2514 - 2531	Light shale	4275 - 4390	Soft lime
2531 - 2539	Hard lime	4390 - 4430	Hard lime
2539 - 2552	Soft lime	4430 - 4455	Slate
2552 - 2805	Slate	4455 - 4550	Lime
2805 - 2825	Pink rock	4550 - 4640	Slate
2825 - 2882	Dark shale	4640 - 4645	Hard lime
2882 - 2889	Sand	4655 - 4705	Hard white lime
2889 - 2945	Shale	4705 - 4800	White lime
2945 - 2958	Lime	4800 - 4908	Slate and lime
2958 - 2965	Shale	4908 - 4920	Black lime, to bottom
2965 - 2972	Lime	4905	Total depth
2972 - 2989	Shale		

Hole was caving badly at bottom and making 1½ bailers water per hour and found impossible to keep on bottom. There was some water below 4200' some place which filled up 2000' in hole, with hole bridged at 2550'.