

LATITUDE

38° 30'

2.925  
2.82W



digitized

LONGITUDE 82° 00'

7.5 OGIS topo location

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

Company United Fuel Gas Co

Farm East End Land Co

Quad \_\_\_\_\_

County Putnam

District Teays Valley

WELL LOCATION MAP

File No. 079 - 70065

#57

## The H. O. Sowards Well.

Record of well No. 1 on the H. O. Sowards farm, (P-55), located in Teays Valley district, Putnam county, on Sleepy creek, N. 45° W., two miles from Hurricane; record furnished the Survey by the United Fuel Gas Company of Charleston, West Virginia:

	Thickness. Feet.	Total. Feet.
Sand, red rock, and slate .....	495	495
Sand .....	65	560
White slate .....	60	620
Water sand .....	60	680
White slate .....	15	695
Sand .....	40	735
Slate .....	5	740
Sand .....	11	751
Coal .....	5	756
White slate .....	34	790
Sand .....	35	825
Lime .....	5	830
Black slate .....	35	865
Coal .....	4	869
Slate .....	96	965
Sand .....	24	989
Coal .....	2	991
Sand .....	4	995
Slate .....	130	1125
Slate and sand shells .....	10	1135
Cap .....	3	1138
Sand, dry (gas) .....	26	1164

## The East End Land Company Well.

Record of well on the East End Land Company's farm (P-57), located in Teays Valley district, Putnam county; elevation of surface, 780' A. T. (Aneroid); record furnished the Survey by the United Fuel Gas Company of Charleston, West Virginia:

	Thickness. Total.	Total. Total.
Conductor .....	16	16
White slate .....	60	76
Red rock .....	90	166
White slate .....	115	281
Lime .....	10	291
White slate and shells .....	110	401
Red rock .....	90	491

	Thickness. Feet.	Total. Feet.
White slate and shells .....	20	511
White sand .....	50	561
White slate .....	40	601
Lime .....	10	611
Sand .....	20	631
White slate .....	15	646
Sand .....	5	651
First Cow Run sand .....	125	776
Coal and slate .....	10	786
Sand .....	29	815
White slate .....	45	860
Second Cow Run sand .....	30	890
Coal and black slate .....	76	966
Sand and lime .....	18	984
Black slate and coal .....	22	1006
White slate .....	10	1016
Black slate .....	70	1086
White slate and lime .....	10	1096
Gray sand .....	9	1105
Gas sand (gas at 1123') .....	30	1135

The several coal companies operating on the Pittsburgh coal bed along the Kanawha and Pocatalico rivers early in 1911 concluded to put down a test well to see if any coals of commercial value could be found in the Allegheny and Kanawha series at a reasonable depth beneath the surface. This core drill hole, which was finished on the 13th of August, 1911, while not developing any coal of present commercial value, is of great economic and scientific importance, since it gives accurate knowledge of the several beds at a locality where the different coal horizons are deeply buried. The Survey is under obligations to the mining companies in question and also to Hon. James H. Nash of Charleston, West Virginia, through whose courtesy this valuable record is here published:

#### The Plymouth Core Drill Hole.

Put down by the Otto Marmet Coal and Mining Company, Black Betsey Coal and Mining Company, and the Plymouth Coal and Mining Company, on the Right Hand fork of Pocatalico river, Pocatalico district, Putnam county, two miles and one-half east of Plymouth: