

Lloyd Bailey No. 17 Well

Washington District, Pleasants County, W. Va.

By South Penn Natural Gas Company, Parkersburg, W. Va.

Located 4.35 mi. N. of 81°05' and 2.45 mi. S. of 39°25' - C - St. Marys

Quadrangle.

Elevation, 973.20' L.

Permit 10325-217

Completed Oct. 1943.

Section based on samples from 834-870' and 1500-1739' examined by J. H. C.

Martens.

| Top                                  | Bottom | Thickness |  |
|--------------------------------------|--------|-----------|--|
| 834                                  | 846    | 12        | Sandstone, white to light-gray, fine, micaceous  |
| 846                                  | 870    | 24        | Sandstone, white, medium- to coarse-grained  |
| 870                                  | 1500   | 630       | No samples   |
| 1500                                 | 1505   | 5         | Siltstone, gray, shaly, 70%; sandstone, light-brown, very fine                               |
| 1505                                 | 1510   | 5         | Siltstone, gray, shaly   |
| 1510                                 | 1515   | 5         | Shale, gray  |
| 1515                                 | 1520   | 5         | Siltstone, light-gray  |
| 1520                                 | 1553   | 33        | Sandstone, white, fine- to medium-grained; crystal faces on many grains                      |
| 1553                                 | 1557   | 4         | Sandstone, light-gray, very fine   |
| 1557                                 | 1592   | 35        | Sandstone, white, fine- to medium-grained  |
| 1592                                 | 1605   | 13        | Shale, and siltstone, dark-gray  |
| 1605                                 | 1610   | 5         | Siltstone, black, sandy  |
| 1610                                 | 1630   | 20        | Shale, black, silty  |
| 1630                                 | 1634   | 4         | Shale, nearly white, micaceous, 40%; black silty shale, 40%; white, very fine sandstone, 20% |
| <u>Greenbrier Limestone, 54 feet</u> |        |           |  |
| 1634                                 | 1669   | 35        | Limestone, very light-brown to nearly white  |
| 1669                                 | 1676   | 7         | Sandstone, white, fine, calcareous   |
| 1676                                 | 1679   | 3         | No sample  |

| Top  | Bottom | Thickness |  |
|------|--------|-----------|--|
| 1679 | 1686   | 9         | Limestone, nearly white, colitic   |
|      |        |           | <u>Socono Formation, 51+ feet</u>  |
| 1686 | 1697   | 9         | Sandstone, white to slightly greenish, fine, somewhat calcareous; all of the highly calcareous material seems to be from the limestone above |
| 1697 | 1731   | 34        | Sandstone, white, very fine, with abundant brown siderite (one sample)   |
| 1731 | 1733   | 2         | Shale, light-gray, silty   |
| 1733 | 1739   | 6         | Sandstone, white medium-grained; some grains are well rounded  |
|      | 1739   |           | Total depth  |