

D. W. and I. O. Reynolds No. 29 Well

McKin District, Pleasants County, W. Va.

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

Located 4.32 mi. W. of 81°05' and 2.0 mi. S. of 39°25' - C - St. Marys Quadrangle.

Elevation, 910.55' L.

Permit Pleas-218

Completed Dec. 1943.

Gas well in Big Injun Sand.

Section based on samples from 1326 to 1800', examined by J.H. C. Hartens.

Top Bottom Thickness

Pennsylvanian, 263 + feet

Top	Bottom	Thickness	Description
1326	1332	6	Sandstone, nearly white, fine
1332	1341	9	Sandstone, white, medium-grained
1341	1351	10	Sandstone, white, medium-grained, 90%; black silty shale with a little coal, 10%
1351	1361	10	Sandstone, nearly white, fine, with considerable amount of clayey material between the grains
1361	1370	9	Sandstone, white, medium-grained, nearly pure quartz; many grains have crystal faces
1370	1374	4	Siltstone, light-gray, with siderite spherulites
1374	1405	31	Sandstone, light-gray, fine; contains some siderite, mica, and clayey material
1405	1416	11	Shale and siltstone, gray
1416	1455	39	Sandstone, light-gray, fine; contains some mica, chlorite, clayey material, and very thin streaks of coal
1455	1460	5	Shale, gray, 50%; light-gray, fine, sandstone, 50%
1460	1470	10	Sandstone, white, fine
1470	1475	5	Shale, black, 50%; white sandstone, 30%; gray to brown siltstone, with much siderite, 20%
1475	1480	5	Shale, dark-gray, very silty
1480	1486	6	Shale, black, 70%; white to gray siltstone and fine sandstone, 30%
1486	1491	5	Sandstone, nearly white, fine
1491	1495	4	Siltstone, gray, shaly
1495	1800	35	Sandstone, white, medium-grained to fine-grained; mostly contains some mica, chlorite, siderite and clayey material.

Top	Bottom	Thickness	
1530	1535	5	Siltstone, gray
1535	1553	23	Sandstone, white to light-gray, fine to very fine
1553	1570	12	Sandstone, white, fine, nearly all quartz; crystal faces on many grains
1570	1580	10	Sandstone, white, medium-grained to coarse-grained
1580	1584	4	Sandstone, white to light-gray, very fine
1584	1589	5	Shale, brown to light-green, sandy, with many siderite spherulites
<u>Greenbrier Limestone, 20 feet</u>			
1589	1592	3	Shale, light-gray and light-green, soft, partly sandy, 30%; dark-brown siderite, 30%; very light brown, partly sandy limestone, 20%; white, very fine sandstone, 20%
1592	1598	6	Sandstone, white, fine, calcareous; many of grains are rounded and frosted
1598	1601	3	Limestone, light-brown; also much sand similar to that in interval above
1601	1609	8	Limestone, nearly white, oolitic and sandy
<u>Pocene Formation, 195+ feet</u>			
1609	1621	12	Sandstone, very light green, very fine, calcareous
1621	1645	24	Sandstone, light-green, very fine with spherulites and larger lumps of siderite
1645	1650	5	Sandstone, like that above, 60%; grayish-green siltstone and shale, 40%
1650	1660	10	Sandstone, white, coarse
1660	1669	9	Sandstone, white, fine, nearly all quartz
1669	1678	9	No sample
1678	1727	49	Sandstone, white to light-gray, fine-to medium-grained
1727	1730	3	Sandstone, white, medium-grained, 60%; gray shaly siltstone, 40%
1730	1735	5	Siltstone and silty shale, gray, 70%; coarse white sandstone, 30%
1735	1756	21	Sandstone, white, medium-to fine-grained
1756	1761	5	Siltstone, gray, shaly

Top	Bottom	Thickness	
1761	1769	8	Sandstone, light-gray, fine
1769	1775	6	Sandstone, white, coarse
1775	1784	9	Shale, gray, silty
1784	1790	6	Shale, gray, silty, 60%; light-gray, very fine sandstone, 40%
1790	1795	5	Shale, gray and brown, 60%; gray, somewhat calcareous siltstone and very fine sandstone, 40%
1795	1800	5	Sandstone, white, coarse
	1804		Total depth