

CE

Joseph Krizan No. 10 Well

Freemans Creek District, Lewis County, W. Va.

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

Located 4.97 mi. S. of 39° 10' and 0.08 mi. W. of 80° 40' - WC - Vadio
Quadrangle.

Elevation, 1152.79' L.

Permit Lew-58.

Drilling commenced July 15, 1942; completed, Aug. 26, 1942.

Dry hole?

Pittsburgh Coal at 654 to 659'.

Section based on samples from 1580 to 2546', examined by J. H. C. Martens.

Pennsylvanian, 400+ feet

Top.	Bottom.	Thick- ness.	
1580	1585	5	Shale, gray, silty.
1585	1635	50	Siltstone, gray, shaly; contains siderite
1635	1641	6	Sandstone, light-gray, fine, 60%; gray shale and siltstone, 40%
1641	1650	9	Siltstone, gray, sandy, 80%; dark-gray shale, 20%
1650	1660	10	Shale, gray
1660	1670	10	Siltstone, gray, shaly
1670	1677	7	Siltstone, gray to light-gray with specks of siderite
1677	1696	19	Sandstone, light-gray, fine
1696	1718	22	Sandstone, white, medium-grained
1718	1725	7	Siltstone, gray, shaly
1725	1745	20	Shale, black, with some gray siltstone
1745	1765	20	Siltstone, dark-gray, shaly
1765	1792	27	Siltstone, gray, sandy
1792	1820	28	Shale, dark-gray, very silty
1820	1830	10	Shale, gray, with siderite concretions
1830	1844	14	Siltstone, gray, shaly
1844	1853	9	Shale, gray, silty
1853	1880	27	Sandstone, white, coarse

Mauch Chunk Group, 238 feet

1880	1920	40	Shale, gray, soft, distinctly laminated
1920	1935	15	Sandstone, white, with green specks, medium-grained

Top.	Bottom.	Thick- ness.	
1935	1947	12	Siltstone, light-green, with brown spots of siderite
1947	1988	41	Sandstone, light-green, very fine, with siderite in upper part
1988	1996	8	Shale, green, silty, with many small siderite spherulites
1996	2041	45	Shale, red; also some green shale and light-green, calcareous, siltstone
2041	2058	17	Siltstone, green, calcareous
2058	2070	12	Shale, red and gray
2070	2079	9	Shale, gray, soft, distinctly laminated
2079	2087	8	Shale, gray, soft, 70%; brown limestone, 30%
2087	2106	19	Limestone, brown, fossiliferous, with some gray and red shale
2106	2118	12	Shale, gray, red, and green, 70%; brownish-gray limestone, 30%

Greenbrier Limestone, 157 feet

2118	2167	49	Limestone, light-brown
2167	2177	10	Limestone, dark-brown
2177	2183	6	Limestone, brown and light-brown
2183	2205	22	Limestone, very light-brown, slightly to moderately sandy
2205	2210	5	Limestone, very light-brown, sandy, partly dolomitic
2210	2231	21	Limestone, nearly white, very sandy; may include some calcareous sandstone
2231	2236	5	Limestone, nearly white, slightly dolomitic
2236	2248	12	Limestone, nearly white, dolomitic
2248	2263	15	Limestone, brown and white, dolomitic
2263	2268	5	Limestone, very dark brown, silty
2268	2275	7	Limestone, light- to dark-brown, sandy

Pocono Formation, 245 feet

2275	2298	23	Siltstone, green, shaly, containing a few specks of siderite
2298	2332	34	Sandstone, light-gray and light-brown, very fine
2332	2339	7	Shale and siltstone, gray

Top.	Bottom.	Thick- ness.	
2339	2362	23	Siltstone, light-gray, coarse
2362	2387	25	Sandstone, light-gray, very fine; very little coarser than siltstone above and below
2387	2407	20	Siltstone, gray
2407	2426	19	Siltstone and silty shale, gray
2426	2458	32	Shale, gray, with a little siltstone
2458	2505	47	Shale, dark-gray, silty
2505	2520	15	Sandstone, white, fine; some coarse grains near bottom (Berea Sandstone; show of oil and gas at 2510')

Devonian Shales, 26+ feet

2520	2532	12	Shale, gray, silty
2532	2535	3	Siltstone, gray, shaly
2535	2546	11	Shale, gray, silty
	2546		Total depth.