

6-2-50
C

James Kelly No. 2 Well.

Grant District, ~~Richie~~ County, W. Va.

By West Virginia Investment Corporation, Cairo, W. Va.

Marietta Quadrangle - SE

Elevation 848'.

Permit Rit - 1294

Section based on samples from 1430 to 1631, examined by Russell R. Flowers.

Top	Bottom	Thickness	<u>Pottsville Formation, 6, plus, feet.</u>
1430	1436	6	Sandstone, very light to lightgray, fine-grained, some chlorite; some dark-gray to grayish-black shale with streaks of medium-gray siltstone; <i>GREENBRIER LIMESTONE, 36 FEET</i> small amount of dusky-brown, shaly siderite
1436	1440	4	Limestone, light brownish gray to brownish-gray, highly oolitic (oolites break free), sandy
1440	1454	14	Limestone, very pale orange to pale yellowish brown, oolitic in the upper part, very sandy in the lower part
1454	1459	5	Limestone, pale yellowish brown, highly oolitic (oolites break free), very sandy
1459	1666	7	Limestone, white to very pale orange, oolites that break free with some interstitial quartz
1466	1470	4	Limestone, grayish-orange, highly dolomitic to a calcareous dolomite
1470	1472	2	Dolomite (very silty) to dolomitic siltstone, very pale orange to pale yellowish brown, very sandy (medium to very coarse, rounded quartz grains)
1472	1473	1	<u>Pocono Formation, 159 plus, FEET</u> Siltstone, dark greenish gray
1473	1483	10	Siltstone and silty shale, medium dark gray to dark greenish gray with dark-brown (siderite) specks; some dark-gray shale; some very fine, light-gray, sideritic sandstone

1483	1497	14	Sandstone, light- to medium-gray, very fine, silty, some mica and chlorite; a large amount of medium dark gray and some dark-gray, sideritic siltstone and silty shale
1497	1508	11	Sandstone, wh light to medium light gray, very fine, silty, some mica and chlorite, somewhat sideritic
1508	1515	7	Sandstone, light-gray with medium-gray (highly mica-ceous (chloritic) streaks, very fine to fine-grained, sideritic
1515	1536	21	Sandstone, very light to light-gray with light-brown (sideritic) and light-green (chloritic) spots, fine- to medium-grained, subangular
1536	1539	3	Sandstone, light-gray to light brownish gray (highly sideritic), some medium-gray, fine to very fine, silty; some dark to dusky yellowish brown, highly sideritic shale
1539	1559	20	Shale, dark-gray to brownish-black, silty; some light- to medium-gray siltstone in the upper part
1559	1570	11	Sandstone, light-gray, fine-grained, some medium grains, somewhat sideritic; a large amount of dark-gray to brownish-black shale
1570	1583	13	Sandstone, very light gray, fine-grained, subangular to subrounded
1583	1591	8	Sandstone, light-gray, very fine to fine-grained, some medium grains
1591	1610	19	Sandstone, very light to light-gray, very fine grained, some fine to very fine at the bottom, somewhat calcareous
1610	1618	8	Siltstone, (highly sideritic) to siderite (very silty), moderate to dark yellowish brown, very sandy (fine to very coarse, rounded grains), a large amount of medium dark gray to grayish-black shale, mostly shale in the lower part
1618	1631	13	Shale, dark-gray to grayish-black, some moderate (sideritic) to dark yellowish brown (highly sideritic); some medium-gray to dark greenish gray, gray and brownish gray siltstone