

MAY 18 1954

PRUDENCE McCOY No. 1 WELL

By Lynn Creek Gas Co., 1019 Seventh Avenue, Huntington, W. Va.  
 Union District, Wayne County, W. Va.  
 Located 3.36 mi. W. of 82° 25' Longitude and 2.02 Mi. S. of 38° 20' Latitude.  
 Guyandot Quadrangle - SW.  
 Elevation 650'.

Permit - Wayne 901.

Drilling commenced December 10, 1953; completed February 15, 1954.

Shot with 3700 lbs. Gelatin on Feb. 15, 1954 from 2092 to 2575.

Fresh water 420' salty.

Salt water 1050' hole full.

Gas well; Volume 60M cu. ft. Rock pressure 535 lbs. in 3 days.

Casing 10" 30'; 8-1/4", 298'; 6-5/8", 1258'; 5-3/16", 2154'; 8" and 0" pulled.  
 Section based on samples from 1110 to 2095 feet; examined by Russell R Flowers.

Top	Bottom	Thickness	
1110	1120	10	Siltstone to Shale, dark gray <i>small amt of grayish black</i>
1120	1136	16	Shale, dark gray to grayish black, to black (carbonaceous); small amount of dusky yellowish brown siderite; some light gray siltstone to very fine sandstone at the bottom
1136	1150	14	Shale and siltstone, medium dark to dark gray, some grayish black; siltstone (coarse) to sandstone (very fine), very light to medium gray; small amount of dusky yellowish brown silty and shaly siderite
1150	1160	10	Sandstone, very light to light gray, very fine grained; some dark gray to grayish black shale
1160	1166	6	Sandstone, as above with some yellowish brown sideritic sandstone; shale dark gray to grayish black, carbonaceous <i>some sideritic sandstone</i>

MAUCH CHUNK, 69g Feet.

1166	1170	40	Sandstone, white to very light gray, fine to medium grained, some coarse grains, large grains rounded; a very small amount of greenish gray, brownish and dark gray SHALE
1170	1175	5	Sandstone, (sideritic) to siderite (very sandy), pale to dark yellowish brown, fine to medium grained, some coarse grains, rounded
1175	1185	10	Clay, medium dark gray, small amount of grayish red, contains many dark yellowish brown siderite spherules; trace of light olive gray limestone
1185	1235	00	No sample

GREENBRIER LIMESTONE 265 (plus ?) FEET

1235	1280	45	Limestone, pale yellowish brown, some dark yellowish brown to olive gray, oolitic in part, somewhat cherty; a very small amount of greenish gray shale
1280	1312	32	Limestone, pale to dark yellowish brown; trace of greenish gray shale
1312	1350	38	Limestone, pale yellowish brown to light olive gray, oolitic, contains forams
1350	1365	15	Limestone, light olive gray, oolitic, contains forams

1365 1400 35 Dolomite, light olive gray, highly calcareous; siltstone, very light gray; a very small amount of dark yellowish brown dolomite at the bottom

POCONO SERIES, 629 feet + to top

1400 1445 45 Siltstone, light to medium gray, coarse; ~~much light dice gray dolomite in the middle part (avings?)~~

1445 1545 100

No sample

1545 1555 10 Siltstone, light to medium gray, coarse; some dark gray siltstone (shaly) to silty shale

1555 1565 10 Sandstone, medium to medium dark gray and dark greenish gray, argillaceous, kaolinitic, sideritic in part, slightly calcareous, very fine grained; some dark gray shale

1565 1586 21 Sandstone, light gray to brownish gray (sideritic), some dark gray to dark greenish gray, somewhat argillaceous, very fine grained

1586 1655 69 Shale, dark gray, silty; a moderate amount of medium to medium dark gray, some dark yellowish brown (sideritic) siltstone; small amount of highly sideritic shale

1655 1945 290

Not described

1945 1960 15 Siltstone, light to medium gray, contains some carbonaceous streaks; shale, medium dark to dark gray, silty in part

1960 1975 15

Shale and some siltstone, medium dark gray; some dark gray to grayish black, somewhat carbonaceous shale; small amount of dark yellowish brown shale (highly sideritic)

1975 2005 30

Shale, dark gray to grayish black, somewhat carbonaceous; shale, medium to medium dark gray, some dark yellowish brown (highly sideritic); small amount of medium to medium dark gray siltstone

2005 2017 12

Shale, dark gray to grayish black, small amount of medium to medium dark gray, somewhat pyritic

2017 2029 12

Shale, grayish black to black, carbonaceous, somewhat pyritic (Sunbury shale)

BEREA SANDSTONE, 42 Feet.

2029 2042 13

Sandstone, white to light gray, very fine grained to coarse siltstone, pyritic

2042 2071 29

Siltstone (coarse) to very fine grained sandstone, white to light gray, pyritic in part; some dark gray shale and siltstone

2071 2095 24

DEVONIAN SHALES, 24 (plus), Feet

2071 2095 24

Shale, dark gray, silty in part; a moderate amount of light to medium gray siltstone