

39° 40'

LATITUDE

79° 35'

LONGITUDE

2.49 S
3.40 W

LONGITUDE

#20 on Map II
on 1914 Preston
County Report

7'5 OGIS topo location

7.5' loc _____ 15' loc _____
(calc.) _____

Company Philadelphia Co.

Farm M A Wolfe I

LOCATION MAP

Quad Bryceton Hills

County Preston

District Pleasant

WELL LOCATION MAP

File No. 077-263

M. A. Wolfe No. 1 Well Record (20).

Pleasant district, 2.1 miles S. 5° W. of Bruceton Mills; authority, the Philadelphia Co. of West Va. Commenced March 6, 1909, and completed May 12, 1909. Elevation, 1540' B-A. T.

	Thickness Feet.	Total Feet.
Allegheny Series (120')		
Unrecorded	18	18
Coal (Lower Kittanning).....	2	20
Lime	40	60
Slate	60	120
Pottsville Series (240')		
Sand, hard (Homewood).....	45	165
Slate	30	195
Sand (water) (Upper Connoquenessing)....	95	290
Coal (Quakertown).....	4	294
Sand (water) (Lower Connoquenessing)....	46	340
Slate	20	360
Mauch Chunk Series (255')		
Lime	40	400
Slate	5	405
Red rock.....	15	420
Lime, hard.....	30	450
Red rock.....	50	500
Lime, gritty.....	55	555
Lime	5	560
Slate, red and white.....	55	615
Greenbrier Limestone (145')		
Lime	65	680
Big Lime.....	80	760
Pocono Sandstone Series (510')		
Big Injun sand (water at 930' and 1080')....	350	1110
Slate and shells.....	70	1180
Berea Grit?.....	50	1230
Slate	40	1270.
Catskill Series (910')		
Gantz sand	50	1320
Slate	5	1325
Fifty-foot sand.....	35	1360
Pink rock	5	1365
Slate and shells.....	160	1525
Red rock	5	1530
Stray sand.....	30	1560
Red lime.....	70	1630
Gordon sand.....	35	1665
Red rock.....	40	1705
Fourth sand.....	10	1715
Red rock.....	175	1890
Elizabeth? sand (Fifth).....	10	1900
Red rock and shells.....	80	1980
Slate and shells.....	60	2040
Warren? sand (Sixth or Bayard).....	40	2080
Slate and shells.....	40	2120
Second Warren? sand (pebbles; show of oil) (Seventh or Elizabeth).....	45	2165
Red rock and shells.....	15	2180

);
 Mills; authority,
 1909, and com-
 Total
 Feet.
 18
 20
 60
 120
 165
 195
 290
 294
 340
 360
 400
 405
 420
 450
 500
 555
 560
 615
 680
 760
 1110
 1180
 1230
 1270.
 1320
 1325
 1360
 1365
 1525
 1530
 1560
 1630
 1665
 1705
 1715
 1890
 1900
 1980
 2040
 2080
 2120
 2165
 2180

	Thickness Feet.	Total Feet.
Chemung Series (1122')		
Unrecorded	455	2635
Cherry Grove? sand.....	10	2645
Slate and shells.....	210	2855
Bradford? sand.....	20	2875
Slate and shells.....	60	2935
Sand	35	2970
Slate and shells.....	30	3000
Slate and shells.....	302	3302
10" casing, 240'; 8"-715'; 6 7/8"-1500'. Dry hole.		

The well starts 130 feet below the horizon of the Upper Freeport Coal and about 760 feet below the Pittsburgh bed. The correlations in parentheses are inserted by the authors. Only a slight show of oil was encountered in what appears to be the Seventh or Elizabeth sand. The Big Injun is the only sand below the Greenbrier Limestone (Big Lime) that carries water in this synclinal basin, where they all should be saturated if they were water bearing. The driller's report shows the regular sands of unusual hardness and closeness, and with no oil or gas in any formation except the slight show above mentioned.

The **Steven Tichenal No. 1 well (34)**, located in the southern point of Pleasant district, 400 to 500 feet northeast of the mouth of Muddy creek, was bored, according to R. B. Frazier of Terra Alta, a driller on the well, during 1881, who reports as follows:

"We drilled 600 feet. Could not case off the water (all fresh water). We got the best oil sand I ever saw at 347 feet. We had 14 feet of oil sand. As the hole was wet all the time we found no oil or gas and the water could not be cased off at all. We found coal at 12 feet—about three feet of it."

This well starts 30 to 40 feet below the crop of the Upper Freeport coal, so that the vein encountered at 12 feet should correlate with the Lower Freeport bed, and the good sand mentioned at 347 feet, with the Second Cow Run. The boring evidently did not quite reach down to the Maxton sand.

The **Steven Tichenal Salt Well (35)**, located 200 yards from the last well discussed, was drilled several years previous to 1881, according to the same Mr. Frazier, who reports as follows: