

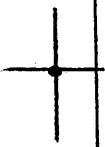
Latitude

39° 32' 30"

80° 07' 30"

Longitude

7 1/2



4.09s
2.30w

Topo Location

7.5' Loc. 1.21S 15' Loc. 4.09S
0.08W (calc.) 2.30W

666

#666 Co. REPT MAR

666. 7.5' topo-940 kla H2S/97

Company A. Bowen

A Boutlou 1

Farm _____

Blacksville

15' Quad Blacksville 32
(sec.)

7.5' Quad GRANT TOWN

District FAIRMONT

WELL LOCATION PLAT

County 049 Permit 70387
Marion

MARION

western border of Winfield district from the log of the A. Boutlou No. 1 well (666), located on the south side of the Monongahela river one mile westward from Montana Mines. This well was drilled during 1912, and the record kindly furnished the Survey by Anthony Bowen of Fairmont:

Montana Mines Section, Winfield District.

(A. Boutlou No. 1 Well Record (666).

Upper Carboniferous (1310')		Thickness.	Total.		
Monongahela Series (243')		Feet.	Feet.		
Unrecorded		235	235		
Pittsburgh coal		8	243	243'	
Conemaugh Series (607')					
Unrecorded		242	485		
Sand, (Grafton)		25	510		
Unrecorded		126	636		
Sand, Little Dunkard? (Saltsburg)		10	646		
Unrecorded		139	785		
Sand, Big Dunkard. 25'	} (Mahoning).....	65	850	204'	
Unrecorded					25
Sand					15
Allegheny Series (230')					
Unrecorded		100	950		
Gas sand (Lower Freeport)		70	1020		
Coal, (Lower Kittanning)		5	1025	175'	
Unrecorded		55	1080	55'	
Pottsville Series (260')					
Sand, First Salt? (I Cow Run) (Homewood)		30	1110		
Unrecorded		10	1120		
Sand, Second Salt? (Upper Connoquenessing)		30	1150		
Unrecorded		45	1195		
Sand, bottom streak (little water) (Lower Connoquenessing)		50	1245		
Unrecorded		10	1255		
Sand, (Sharon)		85	1340	260'	
Lower Carboniferous (683')					
Mauch Chunk Series (250')					
Unrecorded		50	1390		
Red rock		60	1450		
Limestone		20	1470		
Red rock		30	1500		
Slate		40	1540		
Limestone		15	1555		
Red rock		10	1565		
Limestone		10	1575		
Pencil cave		15	1590	250'	
Greenbrier Limestone (68')					
Big Lime		64	1654		
Red rock (not real red)		4	1658	68'	
Pocono Sandstones (365')					
Big Injun sand		107	1765		
Slate		78	1843		
Squaw sand (fairly good)		57	1900		
Slate and shale		65	1965		
Berea Grit sand (hard, limy)		35	2000		
Slate		8	2008		
Sand, hard (15 feet good sand)		15	2023		
Devonian (1484')					
Catskill Sandstones (800')					
Slate and shale (hard, limy)		112	2135		
Fifty-foot sand (very hard, show of gas at 2180')		75	2210		
Slate and shales, hard, sandy		80	2290		
Red rock and shells		15	2305		
Sand, Gordon Stray		28	2333		
Red rock		27	2360		
Gordon sand		17	2377		
Red rock (formation shelly. At Fourth sand horizon found red sandy shales, hard)		223	2600	577'	
Fifth sand		17	2617		
Slate		37	2654		
Bayard sand		52	2706		
Slate		17	2723	223'	
Chemung Series (684')					
Slate, shells and limestones, sometimes gritty, but no clear indication of sand		684	3507	684'	
10 inch casing 284'; 8¼ inch casing, 1248'; 6½ inch casing, 1697½'.					

The rock succession along the eastern border of Winfield district is well illustrated by the log of the Brent S. Jones No. 1 well (682A), published on pages 151-152 of Vol. I(A) of the State Survey reports. This well is located on the west bank of Whiteday creek, 1.5 miles due south of Whiteday (Smithtown). The Harlem coal crops in the hill to the southwest, 285 feet by aneroid above the well, and the Upper Freeport coal about 15 feet above the top of the hole; hence, the correlations of the coals as published in the reference above given should be corrected accordingly.