

LATITUDE

39 47 31

001000

LONGITUDE

→ 0010
15

7.5 OGIS topo location

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

Company _____

Farm _____

Quad Alameda _____

County _____

District North _____

WELL LOCATION MAP

File No. U.S. 29

Shaded District, Steel County, Pa.

By the Manufacturers Light & Heat Co., 8-C Union Trust Bldg., Pittsburgh, Pa.

On 15 wires, surface owned by Henry A. Potlitz, Scranton, Pa., and minerals by The Manufacturers Light & Heat Co., 8-C Union Trust Bldg., Pittsburgh, Pa.

Drilled under permit 1st-77, issued May 26, 1938.

Elevation, 1830' ±.

1" conductor, 14'; 1 1/2" casing, 20' 7"; 2" casing, 150'; 6" casing, 210'; 8" casing and encumbers at 174-175, 176-177, 178-179, and 175-176'. Correlation reported to Dept. of Mines Aug. 17, 1938.

Well was not shot. Fresh water at 133'. Salt water at 170'.

See well. Report to Mr. F. W. Griffith Aug. 30, 1938.

	Top	Bottom	Thickness
slate, yellow, soft	0	10	10
slate, white, hard	10	30	20
slate, dark, soft	30	105	75
slate, white, hard	105	110	5
slate, black, soft (over, 113')	110	120	10
limestone, white, hard	120	130	10
slate, white, hard	130	140	10
slate, black, soft	140	150	10
slate, dark, soft	150	160	10
buff sand, white, hard (over, 163')	160	165	5
limestone (Snyderburg) hard, black, soft	165	170	5
limestone, white, hard	170	175	5
red rock, soft	175	176	1
limestone, white, hard	176	177	1
limestone (Snyderburg) hard, black, soft (over, 177')	177	178	1
limestone, white, hard	178	179	1
limestone hard, black, soft	179	180	1
limestone, white, hard	180	181	1
slate, dark, soft	181	182	1
red rock, soft	182	183	1
clayey sand, white, hard	183	184	1
red rock, soft	184	185	1
limestone, white, hard	185	186	1
red rock, soft	186	187	1
limestone, white, hard	187	188	1
red rock, soft	188	189	1
little lateral sand, white, hard	189	190	1
slate, dark, soft	190	191	1
slate (under) sand, white, hard and soft	191	192	1
slate, dark, soft	192	193	1
slate, white, hard	193	194	1
slate, dark, soft	194	195	1
slate, white, hard	195	196	1
slate, dark, soft	196	197	1
slate, white, hard	197	198	1
slate, dark, soft	198	199	1
slate salt sand, white, hard (over, 175, 176, and 177'; little water)	199	200	1
slate and shells, dark, hard and soft	200	201	1
slate salt sand, white, hard	201	202	1
slate, black, soft	202	203	1
red rock, soft	203	210	7

(over)

	Top.	Bottom.	Thickness.
Blue, white, hard	2162	2167	10
White, black, soft	2167	2169	12
Little fine, white, brown	2169	2170	6
Pencil lines, black, soft	2170	2173	3
Blue line, white, hard	2173	2196	75
Blue paper band, white, hard (gas at 2196, 2198, and 2199)	2196	
Total depth			2754