

LATITUDE

39 42 30

S2 08

LONGITUDE

→ 0675
75' 100
2.415
1.67W

7'5 OGIS topo location

7.5' 100 2.415 15' 100 5.295
 1.67 (calc.) 1.67W

Company _____

Farm _____

Quad Hundred Mannington NW

County _____

District Church

WELL LOCATION MAP

File No. Wet. 44

Church District, Wetzel County, W.Va.

By The Manufacturers Light & Heat Co., 800 Union Trust Bldg.,
Pittsburgh, Pa.

On 61.5 acres, surface owned by Caleb and B. Freeland, Hundred, W. Va.,
and minerals by The Manufacturers Light & Heat Co., Pittsburgh, Pa.

Drilled under permit ~~Wet-44~~, issued Dec. 3, 1930.

Elevation, 1100' B.

16' conductor; 10" casing, 275'; 8 1/4", 1400'; 9", 6 3/8", 2084'; 3".

Coal was encountered at 500-505, 740-746, and 840-848'.

Completion reported to Dept. of Mines Feb. 26, 1931.

Well was not shot. No water. Producing hole. Gas well.

Record to RCT from Mrs. Griffith Aug. 30, 1938.

	Top.	Bottom.	Thickness.
Clay, Yellow, soft	0	20	20
Slate, white, soft	20	100	80
Lime, white, hard	100	150	50
Slate, white, soft	150	225	75
Slate, white, soft	225	460	235
Bluff Sand, white, hard	460	500	40
✓ Fairview (Waynesburg) Coal, black, soft	500	505	5
Lime and slate, white, hard and soft	505	740	235
✓ Mapletown (Sewickley) Coal, black, soft	740	746	6
Lime, white, hard	746	830	84
Slate, black, soft	830	840	10
✓ Pittsburgh Coal, black, soft	840	848	8
Slate, white, soft	848	875	27
Lime, white, hard	875	925	50
Slate, dark, soft	925	940	15
✓ Murphy Sand, white, hard	940	978	38
Pink rock, soft	978	990	12
Sand, white, hard	990	1008	18
Slate, white, soft	1008	1050	42
Red rock, soft	1050	1060	10
Slate, black, soft	1060	1100	40
Red rock, soft	1100	1135	35
Lime, white, hard	1135	1150	15
Slate, dark, soft	1150	1210	60
Pink rock, soft	1210	1220	10
✓ Little Dunkard Sand, white, hard	1220	1269	49
Slate, dark, soft	1269	1310	41
✓ Big Dunkard Sand, white, hard	1310	1365	55
Slate, white, soft	1365	1380	15
Lime, white, hard	1380	1430	50
Slate, dark, soft	1430	1465	35
✓ Gas Sand, white, hard	1465	1545	80
Slate, black, soft	1545	1645	100
✓ 1st Salt Sand, white, hard	1645	1685	40
Slate, black, soft	1685	1730	45
✓ 2nd Salt Sand, white, hard	1730	1828	98
Slate, white, soft	1828	1850	22
✓ 3rd Salt Sand, white, hard	1850	1938	88
Slate, dark, soft	1938	1940	2
✓ Merton Sand, light and hard (gas at 1942-1944')	1940	2000	60
Slate, dark, soft	2000	2003	3
✓ Lime, white, hard <i>Big Lime</i>	2003	2058	55

(OVER)

CALEB & B. FREELAND NO. 3465 WELL (Continued).

	Top.	Bottom.	Thickness.
✓ Big Injun Sand, white, hard (gas at 2059', 2132', and 2160-65')	2058	- 2300	242
Slate, white, soft	2300	- 2350	50
Lime, white, hard	2350	- 2430	80
Slate, black, soft	2430	- 2600	170
Slate and shells, white, hard and soft	2600	- 2700	100
✓ 30-Ft. Shells, white, hard	2700	- 2785	85
✓ 50-Ft. Sand, white, broken	2785	- 2840	55
Slate, black, soft	2840	- 2860	20
✓ 30-Ft. Sand, white, broken	2860	- 2890	30
Slate, black, soft	2890	- 2895	5
Red rock, soft	2895	- 2896	1
✓ Stray Sand, white, broken	2896	- 2920	24
Slate, black, soft	2920	- 2945	25
✓ Gordon Sand, white, hard (gas at 2992-2994')	2945	- 3000	55
Slate, black, soft	3000	- 3025	25
✓ 4th Sand, white, hard (gas at 3040')	3025	- 3055	30
Slate, black, soft	3055	- 3163	108
✓ 5th Sand, light, hard	3163	- 3175	12
Slate, light, soft	3175	- 3200	25
Lime and shells, dark, soft	3200	- 3337	137
Total depth			3337