

LATITUDE

39 40

0 → 0615
7.5' loc

5208

LONGITUDE

7'5 OGIS topo location .

| | | | |
|----------|--------------|---------|--------------|
| 7.5' loc | <u>0.13S</u> | 15' loc | <u>0.13S</u> |
| | <u>0.71W</u> | (calc.) | <u>0.71W</u> |

Company _____

Farm _____

Quad Hundred Mannington Wc

County _____

District Church

WELL LOCATION MAP

File No. Wet. 58

Church District, Wetzel County, W. Va.

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

On 130 acres, surface owned by Moses Bartrug, Burton, W. Va., and
mineral rights by MLANCo., Pgh., Pa.

Drilled under permit Wet-58, issued May 12, 1931.

Elevation, 1170' E.

1 1/2" conductor, 16'; 10" casing, 265' 5"; 8 1/2", 1270' 1"; 6-5/8",
2116' 6".

No packer. Casing not perforated. 570-3'

Coal was encountered at 420-423, 7670-673, 834-840, 935-938, 1364-1364, 1395-1395.

Completion reported to Dept. of Mines Oct. 1, 1931.

Fresh water at 100 and 165'.

Producing hole.

| | Top. | Bottom. | Thickness. |
|--|------|---------|------------|
| Clay, yellow, soft | 0 | 15 | 15 |
| Rock, gray, hard | 15 | 22 | 7 |
| Red rock, soft | 22 | 62 | 40 |
| Lime, white, hard (water at 130') | 62 | 100 | 38 |
| Lime, gray, soft | 100 | 107 | 7 |
| Slate, brown, soft | 107 | 137 | 30 |
| Lime, blue, hard (water at 165') | 137 | 165 | 28 |
| Lime, gray, soft | 165 | 170 | 5 |
| Red rock, soft | 170 | 210 | 40 |
| Slate, blue, soft | 210 | 250 | 40 |
| Lime, gray, hard | 250 | 270 | 20 |
| Red rock, soft | 270 | 300 | 30 |
| Slate, white, soft | 300 | 350 | 50 |
| Lime shells, white, hard | 350 | 375 | 25 |
| Slate, gray, soft | 375 | 420 | 45 |
| Coal, black, soft | 420 | 423 | 3 |
| Slate, brown, soft | 423 | 480 | 57 |
| Bluff Sand, gray, hard | 480 | 570 | 90 |
| ✓ Fairview (Waynesburg) Coal, black, soft | 570 | 573 | 3 |
| Sand, gray, hard | 573 | 670 | 97 |
| ✓ Coal, black, soft | 670 | 673 | 3 |
| Slate, gray, soft | 673 | 718 | 45 |
| ✓ Mapletown (Sewickley) sand, blue, gray, hard | 718 | 834 | 116 |
| ✓ Mapletown (Sewickley) Coal, black, soft | 834 | 840 | 6 |
| Lime, gray, hard | 840 | 935 | 95 |
| ✓ Pittsburgh Coal, black, soft | 935 | 938 | 3 |
| Lime, gray, hard | 938 | 973 | 35 |
| Pink rock, soft | 973 | 980 | 7 |
| Lime, gray, hard | 980 | 990 | 10 |
| Red rock, soft | 990 | 1008 | 18 |
| Lime and slate, gray, soft | 1008 | 1060 | 52 |
| Slate, gray, soft | 1060 | 1100 | 40 |
| Red rock, soft | 1100 | 1255 | 155 |
| Lime, gray, hard | 1255 | 1280 | 25 |
| Slate, gray, soft | 1280 | 1319 | 39 |
| ✓ Little Dunkard Sand, gray, hard | 1319 | 1364 | 45 |
| Slate, black, soft | 1364 | 1395 | 31 |
| Red rock, soft | 1395 | 1410 | 15 |
| ✓ Big Dunkard Sand, gray, hard | 1410 | 1505 | 95 |

(OVER)

| | Top. | Bottom. | Thickness. |
|--|------|---------|------------|
| Line shells, gray, hard | 1505 | - 1555 | 50 |
| ✓ Coal, black, soft | 1555 | - 1558 | 3 |
| Line shells, gray, hard | 1558 | - 1570 | 12 |
| ✓ Gas Sand, gray, hard | 1570 | - 1638 | 68 |
| Slate, black, soft | 1638 | - 1720 | 82 |
| ✓ 1st Salt Sand, gray, hard | 1720 | - 1765 | 45 |
| ✓ 2nd Salt Sand, gray, hard | 1765 | - 1835 | 70 |
| Line shells, gray, hard | 1835 | - 1870 | 35 |
| ✓ 3rd Salt Sand, gray, hard | 1870 | - 1923 | 53 |
| Slate, black, soft | 1923 | - 1983 | 60 |
| Red rock, soft | 1983 | - 2015 | 32 |
| Slate, gray, soft | 2015 | - 2057 | 42 |
| ✓ Harton Sand, gray, hard | 2057 | - 2067 | 10 |
| Slate, gray, soft | 2067 | - 2095 | 28 |
| ✓ Big Line, gray, hard (gas, 2135-36'; 12/10 % in 1 1/2") | 2095 | - 2148 | 53 |
| ✓ Big Injun Sand, white, hard | 2148 | - 2400 | 252 |
| Slate and shells, gray, hard | 2400 | - 2467 | 67 |
| ✓ Gantz Sand, white, hard | 2467 | - 2582 | 115 |
| Slate and shells, white, hard | 2582 | - 2710 | 128 |
| ✓ 5 1/2-Ft. Sand, white, hard | 2710 | - 2760 | 50 |
| Slate and shells, white, soft | 2760 | - 2830 | 70 |
| Shells, gray, hard | 2830 | - 2915 | 85 |
| ✓ 3 1/2-Ft. Sand, white, hard | 2915 | - 2965 | 50 |
| Pink rock, soft | 2965 | - 2975 | 10 |
| ✓ Gordon Stray Sand, gray, hard | 2975 | - 3007 | 32 |
| Slate and shells, gray, hard | 3007 | - 3032 | 25 |
| ✓ Gordon Sand, gray, hard | 3032 | - 3090 | 58 |
| Shells, gray, hard | 3090 | - 3120 | 30 |
| ✓ 4th Sand, white, hard (oil at 3131- 35'; gas, 3131-35') | 3120 | - 3142 | 22 |