

LATITUDE 39 3730

05 08

LONGITUDE

OGIS
75'10c

7'5 OGIS topo location

| | | | |
|----------|--------------|---------|--------------|
| 7.5' 10c | <u>1.075</u> | 15' 10c | <u>3.955</u> |
| | <u>0.51W</u> | (calc.) | <u>0.51W</u> |

Company _____

Farm _____

Quad Porters Falls NewMartinsville^c

County _____

District Magnolia

WELL LOCATION MAP

File No. Wet.101

Magnolia District, Wetzel County, W. Va.

By C. B. Lewis, New Martinsville, W. Va. (Edna Lewis).

On 200 acres, surface and minerals owned by J. P. Morgan, New Martinsville, W. Va.

Drilled under permit Wet-101, issued Sept. 24, 1935.

Elevation, 680' BB.

Conductor, 12"; 10" casing, 440'; 8 1/4", 873'; 6 3/8", 1620'. No liners used

Wall packer set at 1665'.

Coal was encountered at 427-429, blossom, and 518-520, blossom.

Completion reported to Dept. of Mines Dec. 6, 1935.

Well was shot at 1673-1690'.

Fresh water at 60'.

Keener sand Gas well. Record to RCT from Mrs. Griffith Sept. 2, 1938.

| | Top. | Bottom. | Thickness. |
|------------------------------|------|---------|------------|
| Soil | 0 | 20 | 20 |
| Pink rock | 20 | 30 | 10 |
| Slate | 30 | 50 | 20 |
| Sand (fresh water at 60') | 50 | 70 | 20 |
| Lime | 70 | 125 | 55 |
| Black slate | 125 | 135 | 10 |
| Red rock | 135 | 140 | 5 |
| Black slate | 140 | 150 | 10 |
| Lime | 150 | 160 | 10 |
| Slate | 160 | 170 | 10 |
| Red rock | 170 | 185 | 15 |
| Lime | 185 | 195 | 10 |
| White slate | 195 | 220 | 25 |
| Red rock | 220 | 225 | 5 |
| Lime | 225 | 230 | 5 |
| White slate | 230 | 275 | 45 |
| Lime | 275 | 300 | 25 |
| Red rock | 300 | 310 | 10 |
| Lime | 310 | 370 | 60 |
| White slate | 370 | 380 | 10 |
| Sand | 380 | 420 | 40 |
| Black slate | 420 | 427 | 7 |
| Mapletown (Sewickley) Coal | 427 | 429 | 2 |
| White slate | 429 | 431 | 2 |
| Lime | 431 | 436 | 5 |
| White slate | 436 | 484 | 48 |
| Lime | 484 | 488 | 4 |
| Black slate | 488 | 490 | 2 |
| Lime | 490 | 500 | 10 |
| White slate | 500 | 518 | 18 |
| Pittsburgh (SIM) <i>cont</i> | 518 | 520 | 2 |
| White slate | 520 | 555 | 35 |
| Sand | 555 | 595 | 40 |
| White slate | 595 | 615 | 20 |
| Lime | 615 | 635 | 20 |
| Pink rock | 635 | 675 | 40 |
| Lime | 675 | 690 | 15 |
| Red rock | 690 | 760 | 70 |
| White slate | 760 | 785 | 25 |
| Lime | 785 | 810 | 25 |
| White slate | 810 | 830 | 20 |
| Lime | 830 | 870 | 40 |

(OVER)

J. P. MORGAN NO. 1 WELL (Continued).

| | Top. | Bottom. | Thickness. |
|--------------------------------|------|--------------------|-----------------|
| Red rock | 870 | 890 | 20 (10?) |
| White slate (870?) | 890 | 975 | 85 (105?) |
| Black slate | 975 | 1005 | 30 |
| White slate | 1005 | 1060 | 55 |
| Lime | 1060 | 1090 | 30 |
| Black slate | 1090 | 1145 | 55 |
| Gas Sand | 1145 | 1180 | 35 |
| White slate | 1180 | 1205 | 25 |
| First Salt Sand <i>2nd CIR</i> | 1205 | 1260 | 55 |
| Black slate | 1260 | 1285 | 25 |
| White slate | 1285 | 1300 | 15 |
| Second Salt Sand <i>1st</i> | 1300 | 1405 | 105 |
| Black slate | 1405 | 1460 | 55 |
| Third Salt Sand <i>2nd</i> | 1460 | 1480 | 20 |
| Black slate | 1480 | 1525 | 45 |
| Marion Sand | 1525 | 1553 | 28 |
| Black slate | 1553 | 1618 | 65 |
| Big Lime (SLM) | 1618 | 1670 | 52 |
| Keener Sand (gas, 1673-1690') | 1670 | 1703 | 33 |
| Lime | 1703 | 1708 | 5 |
| Big Injun Sand | 1708 | 1714 | 6 |
| Slate | 1714 | 1717 | 3 |
| Sand (Big Injun) | 1717 | 1831 | 114 |
| Black slate | 1831 | 1832 $\frac{1}{2}$ | 1 $\frac{1}{2}$ |
| Total depth (SLM) | | 1832 $\frac{1}{2}$ | |