Latitude

Topo Location

7.5' Loc.\_\_\_\_ 15' Loc.\_ (calc.)

Company Quaker State Oil Ref Cep.

Farm PR Livingston #2

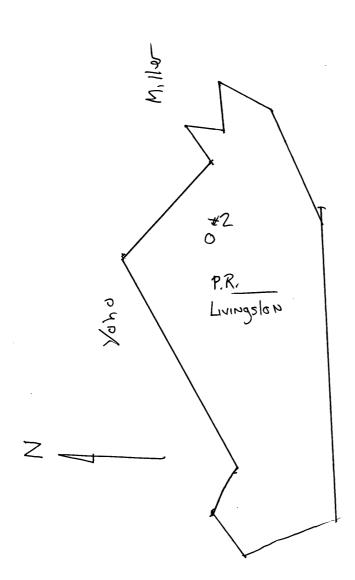
15' Quad\_ (sec.)

7.5' Quad Wileyville

District Center

WELL LOCATION PLAT

County 103 Permit 30966





## STATE OF WEST VIRGINIA DEPARTMENT OF MINES

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

QUAKER STATE OIL REFINING COWELL RECORD

| Permit No. Bex 1789 Parkersburg, W. Va. |                 |  |                          |  | Oil or Gas Well (KIND)   |                |  |  |
|---|-----------------|--|--------------------------|--|--|----------------|--|--|
| P. R. Livin                             |                 |  |                          | 1  |  | (KIND)         |  |  |
| Company Stee                            |                 |  | Casing and               | Used in  | Left in  | Packers        |  |  |
| Address 2                               |                 |  | Tubing                   | Drilling   | Well   |                |  |  |
| Farm Center                             |                 |  | Size                     | 990  |  |                |  |  |
| Location (waters)                       |                 |  | 16                       | 720  |  | Kind of Packer |  |  |
| Well No                                 |                 |  | , was a second           | 2175   | 2175   |                |  |  |
| District                                | •               |  | 13                       | 1213   | 4117   | Ci-            |  |  |
| The surface of tract is owned i         | -               |  | 10                       |  | · · · · · · · · · · · · · · · · · · ·  | Size of        |  |  |
|   |                 |  | 6%                       | (3011  | 3011   | Depth set      |  |  |
| Mineral rights are own <b>ed by</b>     |                 |  | 5 3/16                   |  |  | Deput Sea      |  |  |
| Drilling commenced                      |                 |  |                          | J  |  | Perf. top      |  |  |
| Drilling completed                      |                 |  | 2                        | - Surviva  |  | Perf. bottom   |  |  |
| Date ShotFre                            |                 |  | Liners Used              |  |  | Perf. top      |  |  |
| With                                    |                 |  |                          |  |  | Perf. bottom   |  |  |
| Open Flow 🗶 /10ths Wate                 |                 |  |                          |  | 970  |                |  |  |
| /10ths Merc                             |                 |  |                          | ENTEDS   | -  | Vo. FtDate     |  |  |
| Volume                                  |                 |  |                          |  |  |                |  |  |
| Rock Pressure                           | lbs             | hrs.   |                          |  |  |                |  |  |
| Oil                                     |                 | bbls., 1st 24 hrs.   |                          |  |  | FEETINCHES     |  |  |
| Fresh water                             | feet            | feet   | FEET                     | rINCH  | ESI  | FEETINCHES     |  |  |
| Salt water                              | feet            | feet   | FEET                     | rinch  | ES   | FEETINCHES     |  |  |
| Coal-Pittsburgh                         | Hard or<br>Soft | 970  | Bottom                   | Oil, Gas   | Depth  | Remarks        |  |  |
| Sand-Gordon                             | Soft            | 2982   | 2997                     | or Water   | Found 2982   | Show           |  |  |
|   |                 |  | 3011                     | Oil  | 2997   | Good pay       |  |  |
| Total Depth                             |                 |  | JULE                     | ULL  | 4771   | Good pay       |  |  |
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|   |                 | \$1500   | 22320                    |  |  |                |  |  |
|   |                 | Blace  | 703                      |  |  |                |  |  |
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|   |                 | 68   | 9500                     |  |  |                |  |  |
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|   |                 |  |                          |  |  |                |  |  |

| Formation | Color | Hard or<br>Soft | Тор       | Bottom | Oil, Gas<br>or Water | Depth<br>Found | Remarks |
|-----------|-------|-----------------|-----------|--------|----------------------|----------------|---------|
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|           |       |                 |           |        | Date                 |                | , 19    |

APPROVED QUAKER STATE OIL REFINING CORP

\_, Owner