

| | |
|-----------------|-----------------------|
| Company | Glenn Oil & Gas Co., |
| Address | Charleston, W. Va. |
| Farm | Mary Beaver |
| Acres | 108.5 |
| Well (Farm) No. | 1 |
| Elevation | 860.37 (Spirit Level) |
| Quadrangle | Kenna S.E |
| County | Kanawha |
| District | Poca |
| Engineer | Paul E. Joachim |
| Eng. Reg. No. | 669 |
| Date | June 18, 1938 |
| Scale | 1" = 200' |

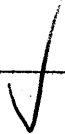
STATE OF WEST VIRGINIA
 Department of Mines
 OIL & GAS DIVISION
 Charleston

WELL LOCATION MAP

File No. Kan-556

X Denotes location of well on U. S. Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.



WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Kan-556

Gas Well

Kenna Quad.

CASING & TUBING

| | | | | |
|--------------------|---|-------------------------|------|---------|
| Company | Glenn Oil & Gas Co., | 13 | 30 | 30 |
| Address | 511 Chas. Nat'l Bk. Bldg., Charleston, W. Va. | 10 | | 500 |
| Farm | Mary Beaver ACRES 108-1/2 | 8-1/4 | | 1806 |
| Location | Leatherwood Creek | 7 OD 22# | | 5000 |
| Well No. | One ELEV. 860.37 | CASING CEMENTED: | | |
| District | Poca - Kanawha County | Size | Feet | Date |
| Surface | Clark Smith, Elkview, W. Va. | 7" | 5000 | 12/1/38 |
| Mineral | Mary Beaver, 1049 Central Ave., Charleston, W. Va. | | | |
| Drilling commenced | 7-4-38 - Completed 12-22-38 | | | |
| Date shot | 12-19-38 - Depth 5127 | | | |
| Open Flow | 70/10ths Water in - in. | | | |
| Rock Pressure | 1460 lbs. 10 hrs. | | | |
| Salt Water | 1250 - 10 blrs. hr., | | | |
| Salt Water | 1300 Hole Full | | | |

| Formation Color | | Hor | Top | Base | Result | Formation Color | | Hor | Top | Base | Result |
|--------------------|-------|-----|------|------|-------------|-----------------|-----|-----|------|----------|--------|
| Soil | | | 0 | 30 | | Lime | | | 5133 | 5142 | |
| Shale | | | 30 | 45 | | Sand | | h | 5142 | 5157 | |
| Rock Red | | | 45 | 90 | | Lime | 780 | | 5157 | 5166 | |
| Rock Red | | | 45 | 90 | | Sand | | | 5166 | 5180 | |
| Slate | white | | 90 | 120 | | Lime | | | 5180 | 5185 1/2 | T.D. |
| Rock | red | | 120 | 185 | | | | | | | |
| Slate | wh. | | 185 | 265 | | | | | | | |
| Rock | red | | 265 | 305 | | | | | | | |
| Sandy Lime | wh. | | 305 | 320 | | | | | | | |
| Slate | wh. | | 320 | 350 | | | | | | | |
| Sand | wh. | | 350 | 375 | | | | | | | |
| Slate | | | 375 | 425 | | | | | | | |
| Lime | blk. | | 425 | 435 | | | | | | | |
| Sand | pink | | 435 | 590 | | | | | | | |
| Slate | wh. | | 590 | 598 | | | | | | | |
| Sand | wh. | | 598 | 615 | | | | | | | |
| Slate | blk | s | 615 | 660 | | | | | | | |
| Sand | wh. | | 660 | 670 | | | | | | | |
| Slate | | | 670 | 710 | | | | | | | |
| Sand | | | 710 | 832 | | | | | | | |
| Sand | wh. | | 832 | 1020 | | | | | | | |
| Sand | | | 1020 | 1040 | | | | | | | |
| Salt Sand | | | 1040 | 1375 | SW 1250 | | | | | | |
| Slate, Lime Shells | | | 1375 | 1394 | HF 1300 | | | | | | |
| Sand | | | 1394 | 1580 | | | | | | | |
| Pencil Cave | | | 1580 | 1588 | | | | | | | |
| Big Lime | | | 1588 | 1753 | | | | | | | |
| Big Injun | | | 1753 | 1778 | | | | | | | |
| Lime | | | 1778 | 1830 | | | | | | | |
| Slate Shells | | | 1830 | 2240 | | | | | | | |
| Berea shells | | | 2240 | 2248 | | | | | | | |
| Dark Shells | | | 2248 | 2310 | | | | | | | |
| Slate&Shells | | | 2310 | 3160 | | | | | | | |
| Slate | | | 3160 | 3240 | | | | | | | |
| Slate&Shells | | | 3240 | 3375 | | | | | | | |
| Shells | brn. | | 3375 | 3410 | | | | | | | |
| Slate&Shells | | | 3410 | 3700 | | | | | | | |
| Shale | brn. | | 3700 | 4000 | Gas sh. | | | | | | |
| Slate | wh. | | 4000 | 4350 | @3750-60 | | | | | | |
| Slate Shells | drk. | | 4350 | 4535 | | | | | | | |
| Shale | | | 4535 | 4585 | | | | | | | |
| Slate | | | 4585 | 4615 | | | | | | | |
| Brown Shale | | | 4615 | 4690 | | | | | | | |
| White Slate | | | 4690 | 4710 | | | | | | | |
| Shale | | | 4710 | 4830 | | | | | | | |
| Slate | blk. | | 4830 | 4988 | | | | | | | |
| Corniferous Lime | | | 4988 | 5114 | | | | | | | |
| Driskany Sand | | | 5114 | 5133 | G 5128-5133 | | | | | | |

5114
 860
 4754
 5180
 860