

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building Portland 1, Oregon

LOG AND CORE RECORD OF OIL OR GAS WELL
(Submit in duplicate)

In compliance with rules and regulations pursuant to ORS 520.095 (Chapter 667 OL 1953).

Operator V. V. Erntson Field Marion area
Well No. Schermacher No. 1 , Sec. 27 , T. 9 S. , R. 2 W. , W.M. W. B. & M.

FORMATIONS PENETRATED BY WELL

| Depth to Top of Formation | Bottom of Formation | Thickness | Drilled or Cored | Recovery | Description |
|---------------------------------|------------------------|-----------|---------------------|----------|--|
| 0 | 190 | 190 | Drilled | | Coarse gravel - water bearing. |
| 190 | 355 | 165 | Drilled | | Volcanics. |
| 355 | 385 | 30 | Drilled | | Broken basalt. |
| 385 | 495 | 110 | Drilled | | Basalt with some large fractures. |
| 495 | 730 | 235 | Drilled | | Andesite (Some of this may be tuffaceous sediments?) |
| 730 | 738 | 8 | Drilled | | Soft blue shale. |
| 738 | 744 | 6 | Cored | 6 | Shale. |
| 744 | 774 | 30 | Drilled | | Shale. |
| 774 | 782 | 8 | Cored | 8 | Shale. |
| 782 | 860 | 78 | Drilled | | Shale and interbedded sands. Fast drilling. |
| 860 | 1065 | 205 | Drilled | | Hard shale. |
| 1065 | 1249 | 184 | Drilled | | Shale. |
| 1249 | 1269 | 20 | Drilled | | Black sand. |
| 1269 | 2030 | 761 | Drilled | | Silty shale. |
| 2030 | 2080 | 50 | Drilled | | Chalky shale with a few thin sand interbeds. |
| 2080 | 2419 | 339 | Drilled | | Silty shale. |
| 2419 | 2426 | 7 | Cored | | Fine silty sandstone. |

Note: Descriptions were taken from the driller's notes by V. C. Newton, Petroleum Engineer, State of Oregon Department of Geology and Mineral Industries.