

WELL HISTORY

Reichhold Energy Corporation
Well No.: DSC-COLUMBIA COUNTY, OREGON

Section 14-6N-5W, W.B. & M.
Columbia County, Oregon

July, 1978

- 7 Taylor Drilling Company moved in Rig No. 5 and rigged up.
Spudded in with 9-7/8" bit and drilled ahead.
102' Shale.
- 8 146' Shale.
- 9 366' Shale.
Survey at 366' 0°-15'
- Ran 7" 23# J-55 casing equipped with a B & W guide shoe and cemented around shoe at 331' with 140 sacks of cement treated with 2% CaCl₂. Had good cement returns at surface. Cement in place at 10:00 PM.
- 10 Landed casing and installed 6" Series 900 casing head.
Installed and tested BOP equipment. Test of BOP equipment witnessed and approved by Mr. Vernon Newton of the Department of Geology and Mineral Industries.
Ran 6-1/8" bit and found top of cement at 290'. Drilled out cement and shoe and drilled ahead.
414' Shale.
- 11 1240' Shale.
- 12 2052' Shale and sand.
- 13 2071' Sand.
Waited on testing tools.
- 14 DST NO. 1. Ran Lynes tester with no cushion and set packer at 2061' with tail to 2071'. Opened tool at 11:20 PM. Immediate moderate bubble hose blow. Built up to 10 psi surface pressure on bubble hose. Closed for initial shut in pressure at 11:33 PM. No gas to surface.

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WELL HISTORY

Reichhold Energy Corporation
Well No.: DSC-COLUMBIA COUNTY NO. 2

Section 14-6N-5W, W.B. & M.
Columbia County, Oregon

July, 1978

- 15 Opened for flow at 12:04 AM. Immediate moderate bubble hose blow, then decreasing.
Trace of lower hydro-carbons on chromatgraph. Slightly gas cut mud surfaced at 12:36 AM. Flowed weakly by heads with mud becoming watery with less gas breaking out. Essentially all water at 12:55 AM. Pulled loose at 1:03 AM. Salt water tested 14,000 ppm chloride.
- | <u>Pressures</u> | <u>Inside 2040'</u> | <u>Outside 2061'</u> |
|------------------|---------------------|----------------------|
| IHP | 1006 | 1012 |
| IF ₁ | 54 | 474 |
| FF ₁ | 363 | 474 |
| ISIP | 895 | 970 |
| IF ₂ | 585 | 695 |
| FF ₂ | 895 | 893 |
| FHP | 969 | NR |
- Ran 6-1/8" bit and drilled ahead.
2780' Sand and shale.
- 16 Ran Welex Induction electric Log from 331' to 2770'.
Ran Welex Compensated Acoustic Velocity Log from 600' to 2769'.
Waited for Dipmeter tools.
- 17 Ran Welex Dipmeter.
- 18 Plug No. 1. Hung drill pipe at 2100' and pumped in and equalized 40 sacks of cement. Calculated to fill to 1900'.
Plug No. 2. Hung drill pipe at 368' and pumped in 50 sacks of cement.
Located top of plug at 228'. location and hardness of top of plug witnessed and approved by Mr. Vernon Newton of the Department of Geology and Mineral Industries.

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