

Instructions: Prepare and submit the "Initial Report" on the first Wednesday after a well is spudded or workover operations are started.  
Daily work prior to spudding should be summarized on the form giving inclusive dates only.

|  |  |             |
|--|--|-------------|
| District<br>ARCO Western District              | County, parish or borough<br>COLUMBIA COUNTY | State<br>OR |
| Field<br>MIST                                  | Lease or Unit<br>CER 13-1-55                 | Well no.    |
| Auth. or W.O. no.<br>R47318--API #36-009-00265 | Title<br>NEW DRILL                           |             |

|                               |                       |               |                        |
|-------------------------------|-----------------------|---------------|------------------------|
| Operator<br>ARCO              | ARCO W.I.<br>100.0000 |               |                        |
| Spudded or W.O. begun<br>SPUD | Date<br>11/01/89      | Hour<br>11:30 | Prior status if a W.O. |

|                                   |   |
|-----------------------------------|---|
| Date and Depth<br>as of 8:00 a.m. | Complete record for each day reported<br>TAYLOR 4 |
|-----------------------------------|---|

|   |   |
|---|---|
| 11/02/89 ( 1 )<br>TD: 465' ( 425 )            | CIRC<br>MW: 8.7 VIS: 70<br>Spud 11:30 hrs, 11/01/89. Drilled 12-1/4" hole to 465'.  |
| 11/03/89 ( 2 )<br>TD: 465' ( 0 )              | DRILLING SHOE 9-5/8" @ 465' MW: 8.7 VIS: 65<br>Wiped hole. Circ for casing. Ran 11 jts 9-5/8", 36#, K-55 casing w/ shoe @465' collar @427'. Cemented w/ 250 cf G cmt + 2% CaCl2 + 1/4#/sx Flocele. Bumped plug w/ 1000 psi, floats held. Had full circ & recip thru job w/ 10 bbls cmt rtns to sfc. CIP 12:50 hrs, 11/02/89. Installed 11", 3M casing head & BOPE. Tested BOPE for DOGMI. RIH w/ 8-1/2" bit, tagged cmt @423'. Drilled cmt, plugs and shoe. |
| 11/04/89 ( 3 )<br>TD: 1080' ( 615 )           | DRILLING 9-5/8" @ 465' MW:10.4 VIS: 49<br>Drl'd FE. TFNB. Drl'd and surv to 1080'.  |
| 11/05/89 ( 4 )<br>TD: 1480' ( 400 )           | LOGGING 3-1/2" @ 1480' MW:11.0 VIS: 47<br>Drl'd to 1480. POOH. Ran DIGL/AVL/GR/SP/CAL f/1480'-465'. Ran CDL/DSN//GR/CAL f/1480'-465'. Running Dipmeter at RT.   |
| 11/06/89 ( 5 )<br>TD: 1480' ( 0 )<br>PB: 1414 | INSTALLING TREE 3-1/2" @ 1480' MW: 0.0 VIS:<br>Ran Dipmeter f/1480'-465'. RD HLS. Ran 47 jts 3-1/2" 9.3# J-55 EUE to 1480'. Cmt'd w/280 sx Cl G mixed at 14.6 ppg. Had 15 bbl rtns. Did not bump plug. Held 500 psi. Set slips and cut csg. Installing tree at RT.  |
| 11/07/89 ( 6 )<br>TD: 1480<br>PB: 1414        | RIG RELEASED 3-1/2" @ 1480' MW: 8.3 FSW<br>RIH w/2" survey tool to 1414'. Inst'd tree and tstd to 1500 psi. Rig Released 1400 hrs 11/6/89.  |

The above is correct

Signature

*R. D. Vatta*

Date

2/5/90

Title

DISTRICT DRILLING ENGINEER

For form preparation and distribution,  
see Procedures Manual, Section 10.  
Drilling, Pages 86 and 87.

Number all daily well history forms consecutively  
as they are prepared for each well.

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