

ARCO Oil and Gas Company

Well History - Interim - Report - Daily

Instructions: This form is used during drilling or workover operations. If testing, logging, or perforating, show formation name in describing work performed. Number all drill stem tests sequentially. Attach description of all cores. Work performed by producing section will be reported on "Interim" sheets until final completion. Report official or representative test on "Final" form. Submit "Interim" sheets when filled out but not less frequently than every 30 days, or (2) on Wednesday of the week in which oil string is set. Submit weekly for workovers and following setting of oil string until completion.

District ARCO Western District	County, parish or borough COLUMBIA COUNTY	State OR
Field MIST	Lease or Unit COLUMBIA COUNTY 34-28-65	Well no.

Date and Depth as of 8:00 a.m.	complete record for each day reported
10/26/89 (7) TD: 2240' (0)	<p>TAYLOR 4</p> <p>WAIT ON LOGGERS 9-5/8"@ 453' MW:10.6 VIS: 44 Wiped hole, pulled 4 stds, swabbed, pulling 8-10M, circ. RIH. Wiped hole to sfc. RIH, circ btms up, 10 units. POH. RIH w/ DIL/Sonic. Found bad spot in wireline between 8000'-9000'. Rig down loggers. RIH. Circ btms up, 4 units. Pull to shoe. WO loggers.</p>
10/27/89 (8) TD: 2240' (0)	<p>LOGGING 9-5/8"@ 453' MW:10.7 VIS: 46 WO loggers. RIH w/ bit, hole free. Circ & cond mud. POH. RIH w/ DIL/sonic. Tool stopped @530'. POH. RIH w/ bit. Hole slick. RIH w/ DIL/sonic. Tool stopped @530'. POH.</p>
10/28/89 (9) TD: 2240' (0) PB: 2077'	<p>PREP TO SET SLIPS 3-1/2"@ 2235' MW:10.7 VIS: 44 Ran DIL f/2230'-448', CAV f/2229'-448', & Density/DSN f/2226'-448'. RIH and cond. LD DP and BHA. Ran 72 jts 3-1/2" 9.3# J-55 EUE to 2235'. Cmt'd w/ 423 sx C1 G w/add. Had 9 bbls cmt rtns. Prep to set slips.</p>
10/29/89 (10) TD: 2240 PB: 2077	<p>RIG RELEASED 3-1/2"@ 2235' MW: 8.3 FSW Set slips. Installed tree. Cleaned pits. RR 1400 hrs 10/28/89.</p>
11/09/89 (11) TD: 2240 PB: 2077	<p>PREP TO PERF 3-1/2"@ 2235' MW: 8.3 FSW Tstd tee to 900 psi. Swab well to 875'. Ran CCL/GR/Neutron f/2075'-850'. SDON.</p>
11/10/89 (12) TD: 2240' PB: 2077'	<p>SHUT IN GAS WELL 3-1/2"@2235' MW: 0.0 GAS Installed lubricator. Tested tree to 950 psi w/ N2. Shot four HPF 1717'-1732' w/ 2" SSB III scallop carrier. Had 325 psi sfc press when guns fired. POH. ISIP 535 psi. Flowed well to clean up. Final FTP 455 psi w/ 12/64" choke & 1/2" orifice, 506 MCFPD. Shut well in @ 14:15 hrs, 11/09/89. Rigged down & moved out.</p>

The above is correct		
Signature <i>A. E. Hatt</i>	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. Page no. 3 of 3

AR#B-459-2-C

