

ARCO Oil and Gas Company

Well History - Initial Report - Daily

Instructions: Prepare and submit the "Initial Report" on the first Wednesday after a well is drilled or a well operation is started. Daily work prior to spudding should be summarized on the form, including the cases of:

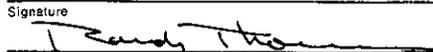
District: WESTERN	County: COLUMBIA	State: OREGON
Field: MIST	Lease or Unit: COLUMBIA COUNTY	Well no. 34-4-65
Author of W.O. no.	Title	

Operator: ARCO OIL & GAS CO.	ARCO well
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Spudded or W.O. begun 1230 hours	Date 10/10/87	Hour	Prior status if a W.O.
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Date and depth as of 8:00 a.m.	Complete record for each day reported
1	<p>10/9/87 CC #34-4-65 (Mist, OR) - Taylor #4 - AFE # R46664 TD: 40' (0') - Moving Rig (13-3/8" @ 40')</p> <p>Moving rig from CC 31-34-65.</p>
2	<p>10/12/87 CC #34-4-65 (Mist, OR) - Taylor #4 - AFE # R46664 TD: 1064' (1024') - Drilling (9-5/8 at 444') MUD: 9.2 ppg VIS: 48</p> <p>MIRU. Accept rig at 0830 hr 10/10/87. <u>Spud at 1230 hrs 10/10/87.</u> Drilled 12-1/4" hole 40'-446'. <u>Ran 10 jt 9-5/8" 36#, K-55 BTC casing (shoe at 444', float collar at 397')</u>. Cemented with 200 sx Class "C" with 2# CaCl₂, 1/4 #/sx Flocele (mixed at 15.8 ppg). Good circulation with 8 bbl cement returns. Bumped plug with 1000 psi. Floats held. CIP at 2353 hr 10/10/87. WOC. Cut casing. Welded on bradenhead. Tested to 1500 psi. NU BOPE. Tested same. CO cement and float equipment. Drilled 8-1/2" hole 446'-1064'.</p>
3	<p>10/13/87 CC #34-4-65 (Mist, OR) - Taylor #4 - AFE # R46664 TD: 1675' (611') - Drilling (9-5/8" @ 444') MUD: 10.2 ppg VIS: 44</p> <p>Drilled 8-1/2" hole 1064'-1312'. Wiper trip. Pulled tight and swabbing on 4th stand. PU kelly. CBU - 1180 units. RIH to TD. Circ and cond mud to 9.8 ppg. Wiper trip to 9-5/8" shoe. CBU at shoe 910 units. RIH to TD. CBU - 1170 units. Circ and cond mud to 10.1 ppg. POOH. Layed down balled up stabilizer. RIH. CBU - 63 units. Drilled 8-1/2" hole 1312'-1675'.</p>
4	<p>10/14/87 CC #34-4-65 (Mist, OR) - Taylor #4 - AFE # R46664 TD: 2300' (625') - Bit trip (9-5/8" @ 444') MUD: 10.4 ppg VIS: 45</p> <p>Drilled 8-1/2" hole 1675'-2300' with frequent short trips (tight hole).</p>
5	<p>10/15/87 CC #34-4-65 (Mist, OR) - Taylor #4 - AFE # R46664 TD: 3055' (755') - Drilling (9-5/8" @ 444') MUD: 10.4 ppg VIS: 45</p> <p>RIH. Drilled 8-1/2" hole 2300'-3055' with frequent wiper trips.</p>

The above is correct

Signature 	Date 1/7/88	Title District Drilling Engineer
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For form preparation and distribution, see Procedures Manual, Section 10, Drilling, Pages 86 and 87.