

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 spudded or workover operations are started. Daily work prior to spudding should be summarized on the form giving inclusive dates only.

District ARCO Western District	County, parish or borough COLUMBIA COUNTY	State OR
Field MIST	Lease or Unit COLUMBIA COUNTY 34-28-65	Well no.
Auth. or W.O. no. R47245--API #36-009-00249	Title NEW DRILL	

Operator ARCO	ARCO W.I. 50.0000
Spudded or W.O. began SPUD	Date 10/19/89 Hour 16:30
Prior status if a W.O.	

Date and Depth as of 8:00 a.m.	Complete record for each day reported
	TAYLOR 4
10/20/89 ( 1) TD: 246' ( 206)	DIRECTIONALLY DRILLING MW: 8.6 VIS: 62 MIRU. Spud @ 16:30 hrs, 10/19/89. Drilled to 73'. Unplugged flow line 3 times. Drilled to 100'. Tripped for mud motor. Directionally drilled to 246'.
10/21/89 ( 2) TD: 453' ( 207)	WOC 9-5/8" @ 453' MW: 8.9 VIS: 74 Directionally drilled to 261'. Tripped for kick sub. Directionally drilled to 453'. POH. Laid down mud motor. RIH, reamed 210'-453'. Circ, POH. Ran 11 jts 9-5/8", 36#, K-55, STC casing w/ shoe @449', collar @403'. Pumped 250 cf G cmt + 2% CaCl2. Had full circ thru job w/ 10 bbls cmt rtns to sfc. Bumped plug. CIP 02:45 hrs, 10/21/89. WOC.
10/22/89 ( 3) TD: 455' ( 2)	RIH 9-5/8" @ 453' MW: 8.7 VIS: 43 WOC. Installed 9-5/8", SOW x 11", 3M casing head. Tested weld to 1500 psi. NU BOPE. Tested blind ram, csg & choke to 1000 psi. RIH to 380'. Tested pipe rams to 1000 psi, annular to 800 psi. Test witnessed and approved by DOGMI. RIH to 401'. Drilled cmt, plugs, FC to 430'. Retested csg to 1000 psi. Drilled 8-1/2" hole to 455'. Circ clean, unplugged flow line. Tripped for 6-1/4" building ass'y.
10/23/89 ( 4) TD: 1089' ( 634)	POH 9-5/8" @ 453' MW: 8.9 VIS: 44 RIH w/ building ass'y. Drilled 6-1/4" hole to 602'. Tripped for mud motor. Directionally drilled to 1089'. Tripped for building ass'y.
10/24/89 ( 5) TD: 1466' ( 377)	DRILLING 9-5/8" @ 453' MW:10.3 VIS: 44 POH. RIH w/ building ass'y. Reamed 540'-1089'. Drilled to 1270'. Tripped for locked BHA. Drilled to 1446'. Wiped hole to 1240', hole swabbing, circ out 29 units gas @1240'. RIH. Circ. Pumped nut-plug sweep.
10/25/89 ( 6) TD: 2240' ( 774)	WIPER TRIP 9-5/8" @ 453' MW:10.5 VIS: 45 Wiped hole f/ 1466' to shoe. 6-8M drag, slight swabbing. Circ btms up, 18 units trip gas. Drilled to 1621'. Pumped nut plug sweep. Wiped hole to 1000', 10-12M drag, slight swabbing. Circ btms up, 24 units trip gas. Drilled to 1683'. Checked for flow. Circ for loggers. Drilled to 1839'. Wiped hole to 1000'. 20 units trip gas. Drilled to 2240'. Circ nut plug sweep.

The above is correct		
Signature <i>R. D. Watts</i>	Date 2/5/90	Title DISTRICT DRILLING ENGINEER

For form preparation and distribution, see Procedures Manual, Section 10, Drilling, Pages 56 and 57.

Number all daily well history forms consecutively as they are prepared for each well.	Page no. 2 of 3
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AR#B-459-3-D

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