

**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 34-8-75	Well no.
Auth. or W.O. no. R47296--API #36-009-00261	Title NEW DRILL	

Operator ARCO	ARCO W.I. 100.0000	
Spudded or W.O. begun SPUD	Date 09/21/89	Hour 20:15
		Prior status if a W.O.

Date and Depth as of 8:00 a.m.	Complete record for each day reported TAYLOR 4
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09/22/89 ( 1 )  
TD: 348' ( 308)

DRILLING 9-5/8" @ 468' MW: 8.9 VIS: 85  
MIRU. Spud @ 2015 hrs, 9/21/89. Drilled 12-1/4" hole to 55'.  
Lost circ. Mixed LCM. Drilled to 138' w/ full returns,  
shakers bypassed. Drilled to 348' w/ full returns across  
shakers.

09/23/89 ( 2 )  
TD: 470' ( 122)

LAY DOWN DC 9-5/8" @ 468' MW: 0.0 VIS:  
Drilled 12-1/4" hole to 360'. Wiped hole, checked bit, OK.  
Drilled to 470'. Surveyed. Wiped hole. POH. Ran 11 jts  
9-5/8", 36#, K-55, LTC casing w/ float shoe @468', float  
collar @424'. Howco cmt'd w/ 250 cf G cmt + 2 1/2 CaCl2 + .25  
#/sx Flocele. Displaced w/ 33.4 bbls. Bumped plug w/ 800  
psi. Had full recip & circ thru job w/ 5 bbls cmt rtns to  
surface. CIP 1525 hrs 9/22/89. WOC. Installed 9-5/8", SOW x  
11", 3M psi casing head. Tested weld to 1500 psi for 15 min.  
NU BOPE. Tested blind rams & csg to 1000 psi for 10 min. Lay  
down 6-1/8" DC & 4-1/2" DP.

09/24/89 ( 3 )  
TD: 841' ( 371)

POH 9-5/8" @ 468' MW: 8.9 VIS: 45  
Lay down 4-1/2" DP. RIH w/ 8-1/2" bit, 4-3/4" DC & 3-1/2"  
DP. Tested BOPE to 800 psi for DOGMI. C/O cmt 420' thru shoe  
@468'. Drilled to 558'. Tripped for mudmotor. Directionally  
drilled to 841'. Tripped for BHA.

09/25/89 ( 4 )  
TD: 1182' ( 341)

DRILLING 9-5/8" @ 468' MW: 9.0 VIS: 46  
POH. RIH w/ building ass'y. Reamed 550' to 841'. Drilled &  
surveyed to 960'. Wiped hole three stands. Tripped for mud  
motor. Directionally drilled to 1112' Tripped for locked  
BHA. Reamed 960' to 1112'. Drilled to 1182'.

09/26/89 ( 5 )  
TD: 1905' ( 723)

DRILLING 9-5/8" @ 468' MW: 9.4 VIS: 47  
Drilled & surveyed 6-1/4" hole to 1275'. Wiped hole to 570',  
pulled 4-10K over w/ a little swabbing. Held BOP drill.  
Drilled & surveyed to 1460'. Wiped hole to 969', pulled 4-6K  
over. Drilled to 1647'. Wiped hole, pulled 2-6K over.  
Drilled to 1835'. Swept hole w/ nut plug. Tripped for bit.  
Drilled to 1905'.

The above is correct	Date	Title
Signature <i>R. D. Watts</i>	9/5/89	DISTRICT DRILLING ENGINEER

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