

Instructions: This report is to be used for reporting the daily well history of a well. It is to be completed for all wells, whether active or inactive, and for all operations, whether drilling or production. The "Final Report" form may be used for reporting the entire history of a well.

Company		County or Parish		State	
WESTERN		COLUMBIA		OREGON	
Well No.		County		Well No.	
MIST		COLUMBIA COUNTY		31-34-65	
Author's Well No.		Type			
R46541		DRILL			

Location			A.R.C. Well No.			Total number of wells (active or inactive) on this cost center prior to plugging and abandonment of this well		
1780' FEL & 886' FNL OF NE CORNER, SEC. 34			100					
Operator			Date			Hour		
ARCO OIL AND GAS COMPANY			9/29/87			1800		
Spud			Prior status if a W.C.					
SPUD								

Date and time of completion as of 9:00 a.m.

Complete record for each day reported

Ground Elevation: 902.50' All measurements KB = 10' above GL
 Total Depth: 2,344' PBD: None Junk: None
 Casing Detail:

Casing Size	Top of Casing	Shoe Depth	Weight	Grade	New/Used	Hole Size	SX/CF Cement	Cement Depth (thru perfs)
13-3/8"	10'	50'	68#	K-55 BTC	As Conductor			
9-5/8"	10'	472'	36#	K-55 STC	New 12-1/4"		250 sx	
5-1/2"	10'	2312'	17#	K-55 LTC	New 8-1/2"		785 sx	

Perforation Detail:

Casing	From	To	Perf Size/Spacing	Method
5-1/2"	1871'	1861'	Four 33" JHPF	Welex Dynastrip guns with 13 gram charges
5-1/2"	1880'	1884'	Four 33" JHPF	

E-Logs: DIL/BHC/SP/GR 472'-2336', FDC/CNL/CAL 472'-2336'
 Formations: Clark & Wilson 1,761

Old TD	New TD	PB Depth
2344	2095	
Release rig	Date	Kind of rig
2200	10/07/87	Rotary (Taylor #4)
Classification (oil, gas, etc.)	Type completion (single, dual, etc.)	
Gas	Single	
Producing method	Official reservoir name(s)	
Flowing	Mist - Clark & Wilson	

Well no.	Date	Reservoir	Producing Interval	Oil or gas	Test time	Production	
						Oil on test	Gas per day
31-34	10/19/87	Mist	1880-1884, 1861-1871	Gas	1.0		1,797 MCF
Pump size, SPM X length		Choke size	T.P.	O.P.	Water %	GOR	Gravity corrected
		24/64	640	645	0		Effective date

The above is correct

Signature	Date	Title
<i>Randy Thomas</i>	12/11/87	District Drilling Engineer

For form preparation and distribution, see Procedures Manual, Section 10, Pages 66 and 67.

RBS
 12/10/87 ARCO Oil and Gas Co.
 D.K.P. 4550 California Ave.
 Bakerfield, CA 93309

Kwang U. Park 3/11/88
 Kwang U. Park
 District Drilling Superintendent