

# ARCO Oil and Gas Company

# Daily Well History - Final Report

Instructions: This report is the Final Report on the well. It should be prepared after the well has been abandoned or after it has been plugged and abandoned. It should be prepared by the person who supervised the well operations. It should be prepared as soon as possible after the well has been abandoned or plugged and abandoned. The Final Report form may be used for reporting the entire well history.

District <b>Western</b>	County or Parish <b>Columbia</b>	State <b>Oregon</b>	Accounting cost center code
Well No. <b>Mist</b>	County or Parish <b>Columbia County</b>	Well No. <b>31-27-65</b>	
Author, A.C. No. <b>APE - 146575</b>	Type <b>Drill</b>		

**SHL: 1842'W 762'S** of the NE Corner, S27/T6N/R5W MDB&M, Columbia County

Operator <b>ARCO Oil and Gas Co.</b>	ARCO Well <b>100</b>	Total number of wells active or inactive on this cost center prior to plugging and abandonment of this well	Prior status of a W.O.
<b>Spudded</b>	Date <b>8/19/87</b>	hour <b>1130 Hrs.</b>	

Complete records for each day recorded  
**All Measurements RKB= 10' Above GL Ground Elevation: 748**

Total Depth: 6700' PBD: 1600' Junk: None  
 Casing Detail: Set plug 1805' - 1700' 53sx "G" w/ 2% CaCl<sub>2</sub>

Casing Size	Top of Casing	Shoe Depth	Weight	Grade	Size of Hole	Cement
13 3/8"	10'	40'	68#	K-55, BTC	Conductor	
9 5/8"	10'	994'	36#	K-55, STC	12 1/2"	428sx
5 1/2"	10'	1690'	17#	K-55	8 1/2"	500sx

Formation: Clark & Wilson 1552', Clatskanie 3507'; Yamhill 6444'

Perforations: 1551' - 1554 - 4HPF

E-Logs: DIL/BHC/SP: 6702' - 994'  
 FDC/CNL/GR: 6702' - 4400'  
 Full Wave Form  
 VSP

Shot SWC - 60 Shots ( Recovered 49, 11 Misfires)

Old TD <b>N/A</b>	New TD <b>6700'</b>	PB Depth <b>None</b>
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Released by <b>1500 Hrs.</b>	Date <b>9/26/87</b>	Kind of rig <b>Rotary (Taylor #4)</b>
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Classifications (oil, gas, etc.) <b>Gas</b>	Type completion (string, dual, etc.) <b>Single</b>
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Producing method <b>Flowing</b>	Official reservoir name(s) <b>Mist - Clark &amp; Wilson</b>
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Well no.	Date	Reservoir	Producing Interval	Oil or gas	Test time	Production	
						Oil on test	Gas per day
31-27-65		Mist	1551 - 1554	Gas	1.0		301 MCFPD
		Choke size	T.P.	C.P.	Water %	GOR	Gravity corrected
			620	612			

The above is correct

Signature <i>[Signature]</i>	Date <b>3/11/88</b>	Title <b>District Drilling Engineer</b>
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For form preparation and distribution see Procedures Manual, Section 10, Drilling, Pages 86 and 87.

**ARCO Oil and Gas Co.**  
 4550 California Ave.  
 Bakersfield, CA 93309

*[Signature]*  
**Kwang U. Park**  
 District Drilling Superintendent