

ARCO Oil and Gas Company

Daily Well History - Final Report

Instructions: Prepare and submit a "Final Report" on the well immediately after a well has been assigned or well is Plugged, Abandoned, or Sold. "Final Report" should be submitted also when operations are suspended for an indefinite or appreciable length of time. On workovers when an official test is not required upon completion, report completion and representative test data in blocks provided. The "Final Report" form may be used for reporting the entire operation if space is available.

District Western		County or Parish Columbia County	State Oregon	Accounting cost center code
Field Mist	Lease or unit Columbia		Well no. 21-35-65	
Auth. or W.O. no. R46702	Title Drill			

1570'E and 1344'S of the NW Corner, S35/T6N/R5W, MBD & M, Columbia County

Operator ARCO	A.R.Co. W.I. 100	Total number of wells (active or inactive) on this cost center prior to plugging and abandonment of this well	
Spudded or W.O. begun Spudded	Date 11/07/87	Hour 1510 Hrs.	Prior status if a W.O.

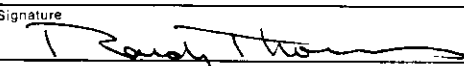
Date and depth as of 8:00 a.m.	Complete record for each day reported						
	Ground Elevation: 672' All Measurements RKB= 10' Above GL.						
	Total Depth: 1924'		PBD: 1599'		Junk: None		
	Casing Detail:		Plugged 1830' - 1700' 60sx "G" w/ 2% CaCl ₂				
	Casing Size	Top of Casing	Shoe Depth	Weight	Grade	Size of Hole	Cement
13 3/8"	10'	40'	54.5#	H-40,PE	Conductor		
9 5/8"	10'	475'	36#	K-55,STC	12 1/2"	250sx	
5 1/2"	10'	1691'	17#	K-55,LTC	8 1/2"	494sx	
Formations: Clark and Wilson @ 1525'							
Perforations: 1523' - 1527' 4 1/2 holes per ft.							
E-Logs: DIL/BHC/SP - 1922' - 425'							

Old TD N/A	New TD 1924'	PB Depth 1599'
Released rig 0400 Hrs.	Date 11/13/87	Kind of rig Rotary (Taylor #4)

Classifications (oil, gas, etc.) Gas	Type completion (single, dual, etc.) Single
Producing method Flowing	Official reservoir name(s) Clark & Wilson

Well no.	Date	Reservoir	Producing Interval	Oil or gas	Test time	Production			
						Oil on test	Gas per day		
21-35-65		Mist	1523' - 1527'	Gas	1.0		326 MCF		
Pump size, SPM X length		Choke size	T.P.	C.P.	Water %	GOR	Gravity corrected	Allowable	Effective date
		24/64	535	535	0				

The above is correct

Signature 	Date 3/11/88	Title District Drilling Engineer
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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

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