

ARCO Oil and Gas Company

Well History - Final Report

District WESTERN	County, or Parish COLUMBIA	State OR
Field MIST	Lease or Unit COLUMBIA COUNTY	Well no. 34-28-65
Auth or W. O. no. API # 36-009-00249	Title NEW DRILL	
Location: SHL: 2849' W'y & 1004' N'y @ right angles f/SE CORNER SECTION 28, TOWNSHIP 6 NORTH, RANGE 5 WEST, WWM BHL: 2548' W'y & 620' N'y @ right angles f/SE CORNER SECTION 28, TOWNSHIP 6 NORTH, RANGE 5 WEST, WWM		
Operator ARCO OIL AND GAS COMPANY	ARCO W.I. 100%	
Spudded or W.O began SPUD	Date 10/19/89	Hour 1630 HRS
ALL MEASUREMENTS KB= 11'		GROUND ELEVATION: 743'

JUNK: None

CASING DETAIL:

Casing	Top of Casing	Shoe Depth	Weight	Grade	New/Used	Hole Size	*Cement
13-3/8"	Surface	40'	54.5#	K-55	Conductor		
9-5/8"	Surface	453'	36#	K-55	New	12-1/4"	250 cf
3-1/2"	Surface	2235'	9.3#	J-55	New	6-1/4"	423 sx

E-Logs: DIL f/2230'-448'; CAV f/2229'-448' & Density/DSN f/2226'-448'

Gravel Pack: N/A

Slotted Liner: N/A

Perforations: 4 HPF 1717'-1732' w/2" SSB III scallop carrier

Plugs: N/A

S.W.S: N/A

Geological Markers: Top Cowlitz = 766'MD; Top C&W Sands = 1716'MD; Gas/Water Contact = 1757'MD; Top N-Shale = 2122'MD

***Depth of Cementing (if through perforations):** N/A

Old TD	New TD 2240'	PB Depth 2077'
Released 1400 HRS	Date 10/28/89	Kind of Rig ROTARY (TAYLOR #4)
Classification (oil, gas, etc.) GAS	Type of completion (single, dual, etc.) SINGLE	
Producing Method SHUT-IN -- AWAITING PIPELINE	Official Reservoir name(s) CLARK & WILSON SANDS (Eocene)	
Initial Production	Oil Rate	Gravity
Production After 30 Days	Oil Rate	Gravity
Signature <i>L.D. Shatts</i>	Date 2/5/90	Title DISTRICT DRILLING ENGINEER

Arco Oil and Gas Company
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Edward P. ... 2/06/90
Kwang U. Park
District Drilling Superintendent