

Daily Well History - Final Report

Instructions: Prepare and submit the "Final Report" on the first Wednesday after allowable 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		State OR		Accounting cost center code																									
Field MIST		Lease or Unit LONGVIEW FIBRE		Well no. 24-8-75																											
Auth. or W.O. no. API #009-00248		Title NEW DRILL																													
Operator ARCO OIL AND GAS COMPANY		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 2200 hrs		Prior status if a W.O. ---																									
Spudded or W.O. begun SPUDED		Date 10/20/88		Hour 2200 hrs																											
Date and depth as of 8:00 a.m.		Complete record for each day reported																													
		<p>ALL MEASUREMENTS KB = 10' GROUND ELEVATION: 731'</p> <p>Original: 2814'</p> <p>TOTAL DEPTH: Sidetrack: 3039' PBD: Surface JUNK: None</p> <p>CASING DETAIL:</p> <table border="1"> <thead> <tr> <th>Casing Size</th> <th>Top of Casing</th> <th>Shoe Depth</th> <th>Weight</th> <th>Grade Connection</th> <th>New/Used</th> <th>Hole Size</th> <th>SX/CF Cement</th> </tr> </thead> <tbody> <tr> <td>13-3/8"</td> <td>10'</td> <td>40'</td> <td>45.5#</td> <td>K-55</td> <td>New</td> <td>Conductor</td> <td></td> </tr> <tr> <td>9-5/8"</td> <td>10'</td> <td>855'</td> <td>36#</td> <td>K-55</td> <td>New</td> <td>12-1/4"</td> <td>480 sx</td> </tr> </tbody> </table> <p>E-Logs: (Original) DIFL/BHC/GR/SP/CAL: 2808'-854' CDL/CN/GR/CAL: 2798'-854' Diplog/CAL: 2725'-860' VSP: 2750'-854'</p> <p>(Sidetrack) DIFL/BHC/SP/GR/CAL: 3039'-854'</p> <p>Plugs: 192 sx - 1235'-950' 111 sx - 950'-720' 15 sx - Surface</p>						Casing Size	Top of Casing	Shoe Depth	Weight	Grade Connection	New/Used	Hole Size	SX/CF Cement	13-3/8"	10'	40'	45.5#	K-55	New	Conductor		9-5/8"	10'	855'	36#	K-55	New	12-1/4"	480 sx
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9-5/8"	10'	855'	36#	K-55	New	12-1/4"	480 sx																								
Old TD N/A		New TD ORIG: 2814'; S/T: 3039'		PB Depth Surface																											
Released rig 2400 hrs		Date 11/1/88		Kind of rig Rotary (Paul Graham #4)																											
Classifications (oil, gas, etc.) N/A		Type completion (single, dual, etc.) Plugged to Abandon		Official reservoir name(s) N/A																											
Producing method N/A		Potential test date																													
		Well no.		Date		Reservoir																									
		Producing interval		Oil or gas		Test time																									
		Production		Oil on test		Gas per day																									
Pump size, SPM X length		Choke size		T.P.		C.P.																									
		Water %		GOR		Gravity corrected																									
		Allowable		Effective date																											
The above is true		Signature <i>D. Statta</i>		Date 3/3/89		Title District Drilling Engineer																									

For form and distribution, see Procedure Manual, Section 10, Drilling, Pages 25 and 27.

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

(805)321-4000

AR3B-459-3-D

Kwang U. Park 2/03/89
 Kwang U. Park
 District Drilling Superintendent

Number all daily well history forms consecutively as they are prepared for each well. Page no. **124**
 Division of Atlantic Richfield Company

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 WESTERN		County, parish or borough COLUMBIA		State OR		Accounting cost center code	
Field MIST		Lease or Unit LONGVIEW FIBRE		Well no. 24-8-75			
Auth. or W.O. no. API: #009-00248		Title NEW DRILL					
Operator ARCO OIL AND GAS COMPANY		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		Prior status if a W.O.	
Spudded or W.O. begun SPUDED		Date 10/20/88		Hour			
Date and depth as of 8:00 a.m.		Complete record for each day reported					
		<p>-2 10-17-88 LONGVIEW FIBRE #24-8-75 (C.C., OR) Paul Graham #4 R47024 Location: 1195'N & 93'W E/ S 1/4 Corner S8/T7N/R5W GLE: 731'</p> <p>Set 13-3/8" conductor @ 30' and dug rat hole. Set anchors. Plan to move rig on location 10/18/88.</p> <p>-3 10-18-88 TD: 30' MIRU Plan to move rig on location today.</p> <p>-4 10-19-88 TD: 30' (0') MIRU Move rig onto location. Broke drive lines on drawworks. Plan to repair lines today and finish move.</p> <p>-5 10-20-88 TD: 30' (0') MIRU Move rig onto location. Repairing right angle drive on drawworks. (13-3/8" @ 40')</p> <p>1/2 10-21-88 TD: 257' (217') WT to surface MW: 8.8 VIS: 70 Location: 1195.1'N & 93.43'W E/ S 1/4 Corner Sec 8/T7N/R5W</p> <p>3-1/2 10-24-88 TD: 1818' (1561') Drlg MW: 9.3 VIS: 40 (9-5/8" @ 855')</p> <p>Drill 12-1/4" hole f/ 257' to 855'. WT to surface. CBU. POOH. RU and ran 21 jts of 9-5/8" 36# K-55 LTC & STC casing. FS @ 855'. Mix and pump 480 sx C1 "G" + 2% CaCl2 + 1/4 #/SK Flocele @ 15.8 ppg. Lost returns after 1/2 bbl cmt to surface. CIP @ 0450 hrs 10/22/88. WOC. Cut off 13-3/8" and 9-5/8" casing. Weld on 9-5/8" x 11" 3M SOW. Test weld to 1500 psi. NU BOPE. Test to 1000 psi (DOGMI witness). MU 8-1/2" bit. TIH to TOC @ 810'. Drill cmt to 832'. Test casing to 1000 psi. Drill 8-1/2" hole f/ 855'-1113'. WT to shoe. Drill f/ 1113'-1400'. CBU. Survey. POOH. PU mud mtr and 2°KS. TIH. Orient mtr. Drill and survey f/ 1400'-1818'. Surveys: 1400'- 0°30' S28E, 1424'- 1°30' S12E, 1456'- 2°30' S10E, 1487'- 3°15' S05W, 1519'- 3°30' S21W, 1550'- 3°55' S38W, 1582'- 5°00' S44W, 1613'- 5°45' S48W, 1644'- 7°00' S48W, 1625'- 8°15' S48W, 1706'- 9°30' S50W, 1737'- 10°45' S50W</p>					
The above is true		Signature <i>D. Statta</i>		Date 3/3/89		Title DISTRICT DRILLING ENGINEER	

For form and distribution, see Procedure Manual, Section 10, Drilling, Pages 25 and 27.

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