

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 OREGON
Field MIST	Lease or Unit WILDCAT	Well no. 12-19-65
Auth. or W.O. no. AFE: #R47008	Title DRILL	

1825'S and 1263'E of the NW Corner of Sec 19/T6N/R6W WB&M

Operator ARCO OIL AND GAS COMPANY	ARCO WI 100%
Spudded or W.O. begun SPUDED	Date 9/18/88
	Hour 1530 hrs
Prior status if a W.O.	

DATE and depth as of 8:00 a.m.	Complete record for each day reported
1/2 9-19-88	<p>COLUMBIA COUNTY #12-19-65 (C.C., OR) Paul Graham #4 R47008 TD: 334' (294') Drlg MW: 8.7 ppg VIS: 52 (13-3/8" @ 40') SHL: S0°8'19"E 1844.34' N89°51'41"E 1209.68' BHL: 192' N59°49'W 2,895' ELEV: 937' KOP: 1,750'</p> <p>Accept rig @ 1000 hrs 9/18/88. Spud @ 1530 hrs 9/18/88. Drill 12-1/4" hole f/ 40' to 183'. Partial returns @ 183'. Mix 10% LCM. Drill f/ 183'-334' w/ full returns.</p>
1-1/2 9-20-88	<p>COLUMBIA COUNTY #12-19-65 (C.C., OR) Paul Graham #4 R47008 TD: 735' (401') Drlg MW: 9.0 ppg VIS: 40 (13-3/8" @ 40')</p> <p>Drill 12-1/4" hole f/ 334'-735'. Survey @ 464'0930' S25E.</p>
2-1/2 9-21-88	<p>COLUMBIA COUNTY #12-19-65 (C.C., OR) Paul Graham #4 R47008 TD: 789' (54') Nipple up MW: 9.0 ppg VIS: 39 (13-3/8" @ 40')</p> <p>Drill 12-1/4" hole f/ 735'-789'. CBU. Wiper trip to bit. CBU. POOH. LD Monel. 12-1/4" stabs and (2) 6" DC's. RU and ran 20 joints 9-5/8" 36# LTC csg. Shoe @ 789'. Mix and pump 440 sx "G" + 2% CaCl₂ + 1/4 #/sx Flocele @ 15.8 ppg. 21 bbls cmt returns to surface. CIP @ 1836 hrs 9/20/88. WOC. Cut off conductor & 9-5/8" csg. Weld on 9-5/8" x 11" SOW. Test to 1,500 psi. NU 11" 3M BOPE.</p>
3-1/2 9-22-88	<p>COLUMBIA COUNTY #12-19-65 (C.C., OR) Paul Graham #4 R47008 TD: 1,110' (321') Drlg MW: 9.0 ppg VIS: 40 (9-5/8" @ 789')</p> <p>NU BOPE. Test blind rams to 1,000 psi. MU 8-1/2" bit. TIH. Tag FC @ 746'. Test BOPE to to 1,000 psi (DOGMI witness). Drill FC & cmt to 766'. Test csg to 1,000 psi. Drill FS and 8-1/2" hole to 794'. CBU. POOH. PU 6-1/4" bit. TIH. Drill 6-1/4" hole f/ 794' to 1,110'. Survey @ 1,038' (1-1/2° S44W).</p>

The above is correct

Signature <i>R. D. Jette</i>	Date <i>11/12/88</i>	Title DISTRICT DRILLING ENGINEER
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For form preparation and distribution, see Procedures Manual, Section 10, Drilling, Pages 86 and 87.