

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. 24-9-64
Auth. or W.O. no. AFE: #R46958	Title DRILL	

822'N and 385'W of the S 1/4 Corner of Sec 9/T6N/R4W WB&M

Operator ARCO OIL AND GAS COMPANY	ARCO W.I. 100%
Spudded or W.O. begun SPUDDED	Date 8/28/88
	Hour 0930 hrs
	Prior status if a W.O.

Date and depth as of 8:00 a.m. Complete record for each day reported

1
8-29-88 COLUMBIA COUNTY #24-9-64 (C.C. OR) Paul Graham #4 AFE #R46958
TD: 240' (207') - Drlg
MW: 8.8 VIS: 63 (13-3/8" @ 33')
SHL: 822.64'N & 385.96'W f/ SE Corner S9/T6N/R4W
ELEV: 1524.3

Accept rig @ 1200 hrs 8/27/88. Mix spud mud. PU 7-7/8" bit on 6" motor. Drill rathole f/ 20'-40'. Re-drill rathole 9 times and sweep w/ 240 vis pill to clean out large rocks and sand. Spud 12-1/4" hole @ 0930 hrs 8/28/88. Drilled f/ 40'-53'. Flowline plugged with rocks. Drill f/ 53' - 233'. WT to bit. Drill f/ 223'-240'. Hole fell in. Work pipe free. Raise viscosity to 70+.

2
8-30-88 COLUMBIA COUNTY #24-9-64 (C.C. OR) Paul Graham #4 AFE #R46958
TD: 611' (371') - Drlg
MW: 9.4 VIS: 95 (13-3/8" @ 33')

Drill 12-1/4" hole f/ 240'-307'. CBU. Survey @ 276' (1/2°). POOH. PU new bit. TIH (15' of fill). Drill f/ 307'-557'. Lost circ. POOH to 180'. Mix LCM @ 19 ppb. Stage in hole to 557'. Circ w/ full returns. Drill f/ 557'-611'.

3
8-31-88 COLUMBIA COUNTY #24-9-64 (C.C. OR) Paul Graham #4 AFE #R46958
TD: 1015' (404') - C&C mud for casing
MW: 9.4 VIS: 104 (13-3/8" @ 33')

Drill 12-1/4" hole f/ 611'-739'. CBU. Survey (1/2°). WT to 490'. Drill f/ 739'-964'. Lost circ. Mix and pump 20 ppb LCM. Regain circ. Drill f/ 964'-1015'. CBU. WT. C&C mud for casing.

4
9-01-88 COLUMBIA COUNTY #24-9-64 (C.C. OR) Paul Graham #4 AFE #R46958
TD: 1150' (135') - Test BOPE
MW: 9.4 VIS: 60 (13-3/8" @ 33')

Circ. Survey @ 1015' (1-1/4°). Drill 12-1/4" hole f/ 1015'-1150'. CBU. WT to 822'. Circ for 7" casing. POOH. RU & ran 28 jts 7" 20# & 23# K-55 LTC casing. Shoe @ 1150'. Mix and pump 350 sx Class "G" + 12% Gel + 2% CaCl₂ + 1/4 #/sx Flocele @ 12.6 ppg. F/B 450 sx Class "G" + 2% CaCl₂ + 1/4 #/sk Flocele @ 15.8 ppg. Lost returns w/ 15 bbls of pre-flush (20 bbls total pumped) to surface. Bump plug w/ 500 psi over. Floats held. CIP @ 1745 hrs 8/31/88. Perform top job w/ 110 sx Class "G" + 2% CaCl₂ + 1/4 #/sx Flocele @

The	Date	Title
Signature <i>Statta</i>	<i>11/19/89</i>	DISTRICT DRILLING ENGINEER
For see Di:	and distribution, Section 10, 10-37	