

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. 44-27-65
Auth. or W.O. no. AFE: #R46818	Title DRILL	

411'N and 373'W of the SE Corner of Sec 27/T6N/R5W WB&M

Operator ARCO OIL AND GAS COMPANY	ARCO W.I. 100%
Spudded or W.O. begun SPUDED	Date 6/30/88
	Hour 22:30 hrs
	Prior status if a W.O.

Date and depth as of 8:00 a.m.	Complete record for each day reported
-1 6-30-88	COLUMBIA COUNTY #44-27-65 (Columbia County, OR) Paul Graham #4 AFE #R46818 TD: MW: Moving rig.
1/4 7-01-88	COLUMBIA COUNTY #44-27-65 (Columbia County, OR) Paul Graham #4 AFE #R46818 TD: 339' (299') Drlg MW: 8.8 ppg VIS: 47 MIRU Paul Graham Rig #4. Spud 22:30 hrs 6/30/88. Drid & surv w/ one ST to 339'.
4-1/4 7-05-88	COLUMBIA COUNTY #44-27-65 (Columbia County, OR) Paul Graham #4 AFE #R46818 TD: 2,150' (1,811') Cementing 3-1/2" tubing MW: 10.0 ppg VIS: 42 Drill 12-1/4" hole f/ 339' to 460'. Circulate and survey (1-1/4" @ 460'). Wipe hole to surface. TIH (no fill). Circulate f/ casing. POOH. Ran 11 joints of 9-5/8" 36# J-55 STC w/ shoe @ 460'. Cement w/ 260 sx Class "G" + 2% CaCl ₂ + 1/4#/SK flocele (15.8 ppg). Weld on 9-5/8" x 11" 3M SOW and test to 1500 psi. NU and test BOPE (DOGMI witness). PU 8-1/2" bit and BHA. RIH and tag TOC @ 404'. Test casing to 1000 psi. Drill out shoe and drill 8-1/2" hole f/ 460' to 1848'. Survey every ± 500', wipe hole every ± 4 hours. Wipe hole to 1278' w/ 4-6K drag off bottom. Hole swabbed to 9-5/8" casing shoe. Circulate w/ full returns @ shoe. POOH f/ BHA. Stage in hole to 1246'. Circulate - max gas 2100 units. Ream f/ 1246'-1848'. Drilling f/ 1848'-2150'. CBU. Wipe hole to shoe. RIH t/ 1850'. Ream f/ 1850'-2150'. CBU. Wipe hole to 1800'. Circulate f/ logs. POOH. RU Atlas Wireline. Ran DIL/BHC/SP/GR/Caliper f/ 2142'-454', CDL/CN/GR/Caliper f/ 2125'-454'. RIH to TD (10' fill). Circulate for 3-1/2" production string. POOH. Ran 72 joints of 3-1/2" 9.3# J-55 EUE 8rd tubing w/ shoe @ 2148'. Cement w/ 10 bbls Morflo II pre flush followed by lead of 560 sx Class "G" + 5% KCl + 1% Halad 322 @ (16.4 ppg), and tail of 560 sx Class "G" + 5% KCl + 1% Halad 322 + 0.2% Super CBL (@ 16.8 ppg).

The above is correct

Signature <i>R.D. Jatta</i>	Date <i>11/1/88</i>	Title DISTRICT DRILLING ENGINEER
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For form preparation and distribution, see Procedures Manual, Section 10, Drilling, Pages 86 and 87.

Number all daily well history forms consecutively as they are prepared for each well.	Page no.
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