

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. 12-15-64
Auth. or W.O. no. AFE: *R46940	Title DRILL	

2667'S and 328'E of the NW Corner of Sec 15/T6N/R4W WB&M

Operator ARCO OIL AND GAS COMPANY	ARCO WI 100%
Spudded or W.O. begun SPUDDED	Date 8/17/88
	Hour 1800 hrs
	Prior status if a W.O.

Date and depth as of 8:00 a.m.	Complete record for each day reported
-1 8-17-88	CLARUTH-FRANBEA-WILLNA (C.C. OR) Paul Graham #4 AFE *R46940 Move rig off of Longview Fibre #32-20-65R location. MIRU.
1/4 8-18-88	CLARUTH-FRANBEA-WILLNA #12-15-64 (C.C. OR) TD: 282' (242') - Drlg MW: 8.7 VIS: 42 SHL: S 0° 25' 21" E 1999.27' N 89° 34' 39" E 350.38' f/ NW Corner of S15/T6N/R4W Elev: 1363.1' MIRU. Accept rig @ 1600 hrs 8/17/88. Drill 12-1/4" hole f/ 40' - 253'. CBU. WT 253' to bit. Drill f/ 253' - 282'.
1-1/4 8-19-88	CLARUTH-FRANBEA-WILLNA #12-15-64 (C.C. OR) Paul Graham #4 AFE *R46940 TD: 668' (386') - Running 9-5/8" surface casing. MW: 9.1 VIS: 86 Drd 12-1/4" hole f/ 282'-361'. Lost circulation (100 bbls.) POOH. LD bit and stabilizers. Mix 15# bbl LCM pill. Stage in hole. Pump LCM pill. Plugged DC's. POOH. Unplug DC's. Stage in hole. Circulate w/ full returns. POOH. PU bit & stabilizer. RIH t/ 361'. CBU w/ full returns. Drill 12-1/4" hole f/ 361'-668'. CBU. Survey @ 668' (0° 45'). WT to bit. RIH (no fill). CBU. POOH. RU & run 9-5/8" casing.
4-1/4 8-22-88	CLARUTH-FRANBEA-WILLNA #12-15-64 (C.C. OR) Paul Graham #4 AFE *R46940 TD: 1445' (777') - RD Atlas MW: 10.2 VIS: 45 Ran 17 jts 9-5/8" 36" K-55 LTC surface casing. Shoe @ 668'. Mix and pump 100 sx G + 2% CaCl ₂ FB 150 sx G + 2% CaCl ₂ + 1/4 #/SX Flocele mixed @ 14.0 ppg F/B 100 sx G + 2% CaCl ₂ + 1/4 #/SK Flocele mixed @ 15.8 ppg. Preceded w/ 20 bbls of fresh water, displaced w/ 40 bbls 9.1 ppg mud. Full returns until pre-flush reached 358', then returns varied from 0-100%, no cement to surface. Floats held. WOC. Perform top job w/ 110 sx G + 3% CaCl ₂ . 1/2 bbl cement returns to surface. Cut off 9-5/8" and weld on 9-5/8" SOW x 11" 3M casing head. Test to 1,500 psi. NU and test BOPE (witnessed by DOGMI). Drill 6-1/4" hole f/ 668'-1190'. Lost returns. Pump 10 sx mica pill. POOH to change jets. Circ & mix LCM. Wt up to 10.5 ppg. Circ w/ full returns. Drill 6-1/4" hole f/ 1190'-1307'. Lost returns. Cut MW to 9.6 ppg. POOH. LD excess DP. PU 8-1/2" bit. Open hole f/ 668'-1307' w/ full returns. Build MW to 10.5 ppg. Drill 8-1/2" hole f/ 1307'-1445'. Lost

The above is correct		
Signature <i>R. D. Jettis</i>	Date <i>11/14/88</i>	Title DISTRICT DRILLING ENGINEER

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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