

Instructions: This form is used during drilling or workover operations. Testing, logging or setting of a string is not to be recorded on this form. Testing with identified numbers and pressure tests sequentially. Attach description of all logs. Work performed by Producing Section will be recorded on Interim sheets until final completion. Report official or representative test on "Final" form. 1) Submit "Interim" sheets when filed out but not less frequently than every 30 days, or 2) on Wednesday of the week in which oil string is set. Submit weekly for workovers and following setting of oil string until completion.

District: WESTERN	County or Parish: COLUMBIA COUNTY	State: OREGON
Field: MIST	Lease or Unit: COLUMBIA COUNTY	Well no.: 32-32

Date and depth as of 8:00 a.m. 6:00 a.m. Complete record for each day while drilling or workover in progress 1985

11-9	COLUMBIA COUNTY #32-32 - (Mist) - WellTech #451 - AFE # R46079 AET PBD: 2185' - POOH CASING: 9-5/8" @ 419' Shot 58 SWC, recovered 54. RIH open ended to 2381'. Circulate and condition mud. Mix and pump 75 sx Class G cement + 3% CaCl <sub>2</sub> . CIP at 1642 hrs, 11-8-85. Pull 4 stands. Circulate and condition mud. POOH. RIH and tag TOC at 2170'. Polish plug to 2185'. POOH.
11-10	COLUMBIA COUNTY #32-32 - (Mist) - WellTech #451 - AFE # R46079 AET PBD: 2081' - WOC CASING: 5-1/2" @ 2174' RU and run 51 jts of 5-1/2" 17# K-55 LTC casing with shoe at 2174', float collar at 2081'. Mix and pump 440 sx Class G + 4% gel + 3% KCl + .75% D-65 + 1% D-127 mixed at 14.5 ppg, followed by 140 sx Class G + 3% KCl + .75% D-65 + 1% D-127 mixed at 16.5 ppg. CIP at 1830 hrs, 11-9-85. Land casing. NU tubing head and test to 3000 psi. WOC.
11-11	COLUMBIA COUNTY #32-32 - (Mist) - WellTech #451 - AFE # R46079 AET PBD: 2057' - Logging CASING: 5-1/2" @ 2170' Test casing to 1500 psi. RIH with bit and scraper, tag TOC at 2057'. (Note: 5-1/2" shoe depth at 2170', depth was moved up hole 4' when setting slips.) POOH. RU and run CBL/Neutron from 2057' - 300'; run CET/GR from 2057' - 300'. RU and run 57 jts of 2-3/8" tubing with tail at 1858'. POOH with tubing. Re-run CBL and CET from 2057' - 1700'.
11-12	COLUMBIA COUNTY #32-32 - (Mist) - WellTech #451 - AFE # R46079 AET PBD: 1986' - Prepare to squeeze CASING: 5-1/2" @ 2170' NU BOP and test casing to 1500 psi. RIH with 2-3/8" tubing. Change hole over to mud. Test BOP to 1500 psi. POOH. RU and perforate four 1/2" JHPF at 1994'. Establish injection rate of 2 BPM at 1000 psi. Set Baker Model K-1 retainer at 1986'. Test retainer and casing to 1500 psi. Sting into retainer. Preparing to squeeze.
11-13	COLUMBIA COUNTY #32-32 - (Mist) - WellTech #451 - AFE # R46079 AET PBD: 1986' - RU Schlumberger CASING: 5-1/2" @ 2170' Reverse circulate on top of retainer. Sting into retainer. Established injection rate of 2 BPM at 1000 psi. Mix and pump 50 sx Class G + 2% CaCl <sub>2</sub> mixed at 15.8 ppg. CIP at 0815 hrs, 11-12-85. Sting out of retainer. Reverse out. POOH with stinger. WOC. RU and re-run 57 jts of 2-3/8" 4.7# J-55 EUE 8rd tubing, bottom of tubing at 1870'. Land tubing. NU tree and test to 3000 psi. Prepare to test well.

The above is correct

Signature B. E. DAVIS <i>B. E. Davis</i>	Date 2/13/86	Title DISTRICT DRILLING SUPERVISOR
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For form preparation and distribution see Procedures Manual Section 10, Drilling, Pages 86 and 87