

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 <b>CALIFORNIA</b>	County or Parish <b>COLUMBIA COUNTY</b>	State <b>OREGON</b>
Field <b>MIST</b>	Lease or Unit <b>COLUMBIA COUNTY</b>	Well no. <b>44-21</b>
Auth. or W.O. no. <b>R45951 API #: 36-009-00137</b>	Title <b>DRILL</b>	
271.72' NORTH & 472.19' WEST OF SE CORNER, SEC 21, T6N, R5W		
Operator <b>ARCO EXPLORATION COMPANY</b>		ARCO's W.I. <b>1.000000</b>
Spudded or W.O. begun <b>SPUD</b>	Date <b>1-24-85</b>	Hour <b>1100 HOURS</b>
Date and depth as of 8:00 a.m. <b>6:00 a.m.</b>		Prior status if a W.O.

Date and depth as of 8:00 a.m.	Complete record for each day reported
6:00 a.m.	1985
1-25	COLUMBIA COUNTY #44-21 - (Exp) - Taylor #4 - AFE # R45951 16" @ 25' TD: 380' (355') - Drilling FORMATION: Clay MUD: 8.8 ppg VIS: 40 PV/YP: 12/5 WL: 6.0 MIRU 1-15-85. Wait on weather from 1-17-85 to 1-24-85. Spud well at 1100 hrs, 1-24-85. Drill to 380'.
1-26, 27, 28	COLUMBIA COUNTY #44-21 - (Exp) - Taylor #4 - AFE # R45951 9-5/8" @ 990' TD: 1005' (625') - NU BOPE FORMATION: Clay, Siltstone MUD: 9.9 ppg VIS: 50 PV/YP: 24/18 WL: 8.0 Drill and survey to 1005'. Make wiper trip. Attempt to run IP log, no success. Rerun IP log from 997' - 25'. Make clean out run. RU and run 24 jts of 9-5/8" 36# K-55 STC casing with shoe at 990', float collar at 946'. Mix and pump 600 sx Class G + 3% CaCl <sub>2</sub> + 1/4#/sx Flo-Seal mixed at 15.8 ppg. CIP at 0850 hrs, 1-27-85. WOC. Cut and dress 9-5/8" casing. Weld and test wellhead. NU BOPE.
1-29	COLUMBIA COUNTY #44-21 - (Exp) - Taylor #4 - AFE # R45951 9-5/8" @ 990' TD: 1390' (385') - Drilling FORMATION: Clay, Volcanic MUD: 11.6 ppg VIS: 63 PV/YP: 50/20 WL: 5.6 NU and test BOPE. Run leak-off test, EMW = 16.6 ppg. Drill 8-3/4" hole to present depth.
1-30	COLUMBIA COUNTY #44-21 - (Exp) - Taylor #4 - AFE # R45951 9-5/8" @ 990' TD: 1924' (534') - Drilling FORMATION: Sand, Clay, Silt MUD: 11.0 ppg VIS: 53 PV/YP: 37/18 WL: 4.8 Drill 8-3/4" hole and survey to present depth.
1-31	COLUMBIA COUNTY #44-21 - (Exp) - Taylor #4 - AFE # R45951 9-5/8" @ 990' TD: 2228' (304') - Drilling MUD: 11.5 ppg VIS: 53 PV/YP: 34/18 WL: 4.8 POOH. RIH with core barrel. Core from 1924' - 1954', recover 5'. Drill and survey to present depth.
2-1	COLUMBIA COUNTY #44-21 - (Exp) - Taylor #4 - AFE # R45951 9-5/8" @ 990' TD: 2880' (652') - Drilling FORMATION: Clay, Silt MUD: 11.5 ppg VIS: 46 PV/YP: 32/14 WL: 4.4 Drill 8-3/4" hole and survey to present depth.
2-2, 3, 4	COLUMBIA COUNTY #44-21 - (Exp) - Taylor #4 - AFE # R45951 9-5/8" @ 990' TD: 4084' (1204') - Drilling FORMATION: Clay, Basalt MUD: 11.6 ppg VIS: 46 PV/YP: 22/12 WL: 6.8 Drill 8-3/4" hole and survey to present depth.
2-5	COLUMBIA COUNTY #44-21 - (Exp) - Taylor #4 - AFE # R45951 9-5/8" @ 990' TD: 4326' (242') - Drilling FORMATION: Clay, Tuff MUD: 11.6 ppg VIS: 46 PV/YP: 26/16 WL: 6.0 Drill 8-3/4" hole to 4131'. Trip for bit. Drill from 4131' - 4326'.

The above is correct

Signature <b>B. E. DAVIS</b> <i>B. E. Davis</i>	Date <b>3-12-85</b>	Title <b>DISTRICT DRILLING SUPERVISOR</b>
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For form preparation and distribution, see Procedures Manual, Section 10, Drilling, Pages 86 and 87.