



Instructions: Prepare and submit this Initial Report on the day after drilling, after 3 A.M. or 5 o'clock on whichever date the well is drilled. Daily work prior to logging should be summarized on this form giving the logging dates only.

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| District CALIFORNIA | County or Parish COLUMBIA COUNTY | State OREGON |
| Field MIST | Lease or Unit COLUMBIA COUNTY | Well no 23-19 |
| Auth. or W.O. no R46028 | Title DRILL & EVALUATE | |

2097.60' E & 356.66' S OF W 1/4 CORNER, SEC 19, T6N, R5W, WB&M

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|---|----------------------------------|
| Operator ARCO Exploration Company | A.R.Co's W.I. 1.000000 |
| Spudded or W.O. begun SPUDED | Date 7-1-85 |
| | Hour 1300 Hrs |
| | Pr or status if a W.O. |

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| Date and depth as of 6:00 a.m. | Complete record for each day reported 1985 |
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7-2 COLUMBIA COUNTY #23-19 - (Mist) - Taylor #4 - AFE # R46028 AEC
 TD: 435' (415') - WOC FORMATION: Clay, Sand, Siltstone
 MUD: 9.2 ppg VIS: 48 Spud Mud CASING: 9-5/8" @ 420'
 Accept rig at 0900 hrs, 7-1-85. Notify DOGMI. Spud well at 1300 hrs, 7-1-85. Drill to 435'. Wipe hole. RU and run 10 jts of 9-5/8" 36# K-55 STC casing with shoe at 420', float collar at 376'. Circulate. Mix and pump 250 sx Class G + 3% CaCl₂ + 1/4#/sx flow seal mixed at 15.8 ppg. CIP at 0535 hrs, 7-2-85. WOC.

7-3 COLUMBIA COUNTY #23-19 - (Mist) - Taylor #4 - AFE # R46028 AEC
 TD: 439' (4') - Perform LOT FORMATION: Clay, Sand, Siltstone
 MUD: 8.7 ppg VIS: 39 Spud Mud CASING: 9-5/8" @ 420'
 WOC. Cut and land 9-5/8" casing. NU BOPE and test same. Tag plug at 373'. Drill plug and shoe. Clean out to 435'. Drill to 439'. Prepare to run LOT.

7-4,5 COLUMBIA COUNTY #23-19 - (Mist) - Taylor #4 - AFE # R46028 AEC
 TD: 2105' (1666') - Drilling FORMATION: Silt, Clay
 MUD: 10.0 ppg VIS: 42 PV/YP: 21/9 WL: 4.4 CASING: 9-5/8" @ 420'
 Run LOT, EMW = 14.9 ppg. Drill and survey to present depth.

7-6,7,8 COLUMBIA COUNTY #23-19 - (Mist) - Taylor #4 - AFE # R46028 AEC
 TD: 3435' (1330') - Wait on fishing tools FORMATION: Silt, Clay
 MUD: 10.5 ppg VIS: 49 PV/YP: 29/11 WL: 4.0 CASING: 9-5/8" @ 420'
 Drill and survey to 2580'. Trip for bit. Hole tight, ream to bottom. Raise mud weight to 10.3 ppg. Circulate hole clean. Drill and survey to 3435'. Make wiper trip, circulate hole clean. RU to run DIL/SFL/Sonic/Caliper, stuck tool. Work free and POOH with logging tools. Ream tight spots. RU to run DIL/SFL/Sonic/Caliper. Log to 2971', tool stuck. Wait on fishing tools.

7-9 COLUMBIA COUNTY #23-19 - (Mist) - Taylor #4 - AFE # R46028 AEC
 TD: 3435' (0') - RIH FORMATION: Silt, Clay
 MUD: 10.4 ppg VIS: 44 PV/YP: 25/10 WL: 4.4 CASING: 9-5/8" @ 420'
 Wait on fishing tools. RU tools. Top of fish at 2911'. RIH stripping over wireline. Tag bridge at 2564'. Attempt to circulate, tool plugged. Pull 1 stand and circulate tool clean. CBU. RIH to 2740'.

7-10 COLUMBIA COUNTY #23-19 - (Mist) - Taylor #4 - AFE # R46028 AEC
 TD: 3435' (0') - Reaming FORMATION: Silt, Clay
 MUD: 10.5 ppg VIS: 55 PV/YP: 29/17 WL: 4.0 CASING: 9-5/8" @ 420'
 Sat down on logging tool, POOH with fish. RIH and ream to bottom.

The above is correct

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| Signature B. E. DAVIS <i>B.E. Davis</i> | Date 7/10/86 | Title DISTRICT DRILLING SUPERVISOR |
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For form preparation and distribution, see Procedures Manual, Section 10, Drilling, Pages 86 and 87.

