HISTORY OF OIL OR GAS WELL

(Company or operator) OREGON NATURAL GAS DEVELOPMENT CORPORATION

(Lease) DNGDC

(WELL No.) DM 12D-10

Set. 10, T. 6N, R. 5W W.B.M. Surveyed Coordinates: 234°N AND 975°E

FROM THE WEST 1/4 CORNER OF SEC. 10, T6N, R5W, W.B.M.

Wildcat: (or) Field Name: MIST-UNDERGROUND STORAGE County: COLUMBIA

Date: 3/21/87

Signature

Position: FIELD OPERATIONS SUPERINTENDENT

Use this form in reporting the daily operations at the well. (Operator may use his own form, but heading of this form must also be completed and submitted.) Please submit a complete history of the well. Include such information at bit sizes, mud weights, casing sizes and depths set, amount of cement used, drilling depths, fishing, logging, perforating, and plugging procedures, and anything else pertinent to the operation. Do not include lithology.

Date

11-22-86 DRILLING 12 1/4" SURFACE HOLE TO 430'  
11-23-86 RUN 10 JOINTS OR 416' B 5/8" K-55, 32 LB. CASING AND SET AT 425', CEMENT WITH 225 SACKS CLASS 'G' MIXED WITH 2% CACL. WOC.

11-24-86 CUT OFF CONDUCTOR, WELD ON WELLHEAD AND TEST. NIPPLE UP BOPE AND TEST WITH STATE REPRESENTATIVE WITNESSING. DRILL FLOAT.

11-25-86 DRILLING FLAT, CEMENT AND S-COE. DRILLING 7 7/8" HOLE TO 1080.

11-26-86 DRILLING TO 1145', WIPER TRIP. DRILLING TO 1207'. SURVEY 1°30' DRILLING TO 1328. SURVEY 1°45', DRILLING TO 1515'. WIPER TRIP. DRILLING TO 1916.

11-27-86 SURVEY AT 1916' 1°30', WIPER TRIP. DRILLING TO 2133'. TRIP FOR BIT. DRILLING TO 2433'.

11-28-86 DRILLING TO 2790'.

11-29-86 DRILLING TO 2805 OR TD. SURVEY 1°45'. WIPER TRIP. LOGGING WITH DRESSER-ATLAS.

11-30-86 RUN WIRE LINE LOGS, RIM AND CIRCULATE. PUMP LAY DOWN DRILL PIPE AND DRILL COLLARS. RUN 67 JOINTS OR 2794', 5 1/2" K-55, 15.5 LB CASING AND SET AT 2792'. CEMENT WITH 625 SACKS CLASS 'G' MIXED WITH 1% CACL, 3% KCL, 1% CFRS, 1% HALAD 4. GOOD CEMENT RETURNS. SET SLIPS. WOC.

12-1-86 WOC. CUT OFF CASING, NIPPLE UP TREE AND TEST. RUN CEMENT BOND LOG. RELEASE RIG. BRING IN DRESSER-ATLAS AT A LATER DATE TO PERFORATE.