STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
910 State Office Building Portland, OR 97201

HISTORY OF OIL OR GAS WELL

(In compliance with rules and regulations pursuant to ORS 520)

OREGON NATURAL GAS DEVELOPMENT CORPORATION (Company or operator) | ONGDC (Lease) | CC#3 (Well No.)

Sec. 10, T. 6 N, R. 5W W.B.&M. Surveyed Coordinates: FROM THE NE CORNER

IF SEC, 10; 1561' SOUTH AND 630' WEST

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

Date: January 15, 1989 Signature: Todd Thomas
Position: SUPT. DRILLING & PRODUCTION

Use this form in reporting the daily operations at the well. (Operator may use his own forms, but heading of this form must also be completed and submitted.) Please submit a complete history of the well. Include such information as 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	
10-24-88	RIG UP TO KILL WELL. CIRCULATION FORMATION WATER AND KILL WELL. LAY DOWN TREE. PICK UP BOP. WON'T NIPPLE UP DUE TO BAD ADAPTER FLANGE.
10-25	CHANGE RAMS IN BOP TO 2 7/8". NIPPLE UP BOPE. TEST PIPE RAMS AND HYDRIL TO 1200 PSI FOR 10 MINUTES. LAND DONUT. INSTALL KILL VALVE.
10-26	CHANGE RAMS IN BOP. POH. PICK UP DRILL COLLARS. RIH WITH 4 1/2" CASING SCRAPER. CIRCULATE. POH FOR LOGS. RIG UP ATLAS. VERTILOG TOOL WON'T GO. RIH WITH 5 STDS. SECURE WELL.
10-27	POH. RIG UP ATLAS AND RUN VERTILOG AND NEUTRON LOG. RIH WITH SCRAPER. CIRCULATE. POH. RIG UP ATLAS. PERFORATE 2305'-2268' WITH 3 1/8" CASING GUN. 4 SHOTS/FT. RIH WITH 5 STDS, SECURE WELL.
10-28	RIH WITH SCRAPER. CIRCULATE. POH AND LAYDOWN 2 3/8" TUBING. LAYDOWN DRILLCOLLARS. CHANGE OUT 2 3/8" RAMS. RIG UP ATLAS. SET DRILLABLE BRIDGE PLUG AT 2349'. PICKUP PACKER ASSEMBLY (GUIDE SHOE, NO-GO NIPPLE, PUP JT., PACKER, PUP JT, MANDREL, 2 3/8" X 2 7/8" CROSSOVER) PICKUP 69 JTS., 2 7/8", 6.5#, J-55 TUBING AND RIH. PRESSURE TEST TUBING TO 1800 PSI. RUN IN HOLE WITH SAND LINE AND FISH OUT SEATING NIPPLE PLUG. SECURE WELL.
10-31	CLEAN MUD TANK. MIX AND DISPLACE CORROSION INHIBITER. SET PACKER AND LAND TUBING. PACKER SET AT 2195'. TUBING TAIL AT 2214'. TEST PACKER TO 350 PSI. NIPPLE DOWN BOP. NIPPLE UP TREE. RIG UP TO SWAB WELL. SWAB IN WELL. FLOW WELL TO ATMOSPHERE.

Form 6
(9/84)