HISTORY OF OIL OR GAS WELL

(Day of Occurrence) OREGON NATURAL GAS DEVELOPMENT CORPORATION  INNGC  CC#10

(County of Operator) ________________________________  (Wells) ________________________________

Sec. 3  T. 6 N, R. 5 W.  W&L. Surveyed Coordinates:  FROM THE SW

CORNER OF SEC. 3; 1976' N AND 1065' EAST

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

Date:  January 15, 1989  Signature:  ________________________________  Position:  SUPERINT, DRILLING & PRODUCTION

Use this form in recording 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 as bit sizes, mud weights, casing sizes and depths set, amount of cement used, drilling depths, fishing, logging, performing, and plugging procedures, and anything else pertinent to the operation. Do not include lithology.

Date

11-1-88  RIG UP TO KILL WELL.  PUMP SALTWATER TO KILL WELL.  NIPPLE DOWN PRODUCTION TREE.  INSTALL KILL VALVE.

11-2  CIRCULATE WELL.  NIPPLE UP BOPE.  LAYDOWN HYDRAIL.  TEST PIPE RAMS AND CHoke MANIFOLD TO 700 PSI WITH STATE REPRESENTATIVE WITNESSING.  POD AND PICKUP 4'1/2" CASING SCRAPER.  RIH.

11-3  CIRCULATE AT 2672'.  POD.  RIG UP ATLAS AND RUN VERTILOG AND NEUTRON LOG.  RIH WITH 5 STD. LAND DONUT.

11-4  PICK UP 4 DRILL COLLARS AND 3 7/8" BIT.  DRILL CEMENT AND BRIDGE PLUG.  CIRCULATE.  POD AND PICKUP CASING SCRAPER.  RIH.  SHUT IN WELL FOR WEEKEND.

11-7  RUN TO BOTTOM AND CIRCULATE.  POD.  RIG UP ATLAS.  RUN VERTILOG AND NEUTRON LOG.  MAKE UP DRILLABLE BRIDGE PLUG.  RIH ON WIRELINE AND SET @ 2680'.  REPERFORATE WITH 3 1/8" CASING GUN.  4 SHOTS/FT 2668'-2678'.  PIH WITH 5 STD AND SHUT IN WELL.

11-8  CIRCULATE HOLE.  RIH.  RABBIT TUBING.  POD AND LAYDOWN SHA.  STRAP AND PICKUP PACKER ASSEMBLY (WIRELINE GUIDE, NO-GO NIPPLE, PUP JT, Packer, PUP JT, MANDREL) RIH WITH 62 JTS. (2591.60') 2 3/8" TUBING.  PRESSURE TEST AGAINST PLUG.  TEST FOILED.  SET PACKER, LAND TUBING.  TEST ANNULUS TO 400 PSI FOR 10 MINUTES.  PULL TEST PLUG.  CLEAN MUD TANK.  MIX CORROSION INHIBITOR.

11-9  DISPLACE HOLE WITH CORROSION INHIBITOR.  SET PACKER AT 2625'.  TUBING TAIL AT 2644'.  TEST ANNULUS TO 350 PSI.  NIPPLE DOWN BOPE.  NIPPLE UP TREE.  SWAB WATER FROM WELL.  BLOW WELL TO ATMOSPHERE.  RELEASE RIG.

Form 6  (9/84)