

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 ONGDC CC33-3
(Company or operator) (Lease) (Well No.)
Sec. 3, T. 6 N, R. 5W W.B.&M. Surveyed Coordinates: FROM THE SOUTH
1/4 CORNER OF SEC. 3; 1669' NORTH AND 380' EAST.
Wildcat: _____ (or) Field Name: MIST - UNDERGROUND STORAGE County: COLUMBIA
Date: January 15, 1989 Signature: Jedd A. 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	
11-10-88	RIG UP TO KILL WELL. CIRCULATE WELL WITH SALTWATER, NIPPLE DOWN PRODUCTION TREE. NIPPLE UP BOPE. TEST PIPE RAMS, CHOKE AND CHECK VALVE TO 900 PSI.
11-11	CIRCULATE WELL. POH. PICK UP DRILL COLLARS, BIT AND RIH. DRILL CEMENT AND BRIDGE PLUG 2570'-2576'. RUN TO BOTTOM. CIRCULATE. SHUT IN WELL FOR WEEKEND.
11-14	CIRCULATE. POH FOR BIT #2. RIH. DRILLING CEMENT AND BRIDGE PLUG @ 2605'. SHUT IN WELL.
11-15	DRILLING CEMENT AND BRIDGE PLUG. POH. WAIT ON MILL. RIH WITH JUNK MILL. MILL BRIDGE PLUG. SHUT IN WELL.
11-16	MILLING BRIDGE PLUG FROM 2609'- 2612'. SHUT IN FOR NIGHT.
11-17	MILLING BRIDGE PLUG #2. PICK UP 2 JTS. OF TUBING AND RUN TO 2689'. BUILD VISCOSITY AND CIRCULATE WELL. SHUT IN WELL
11-18	POH. BREAK CIRCULATION ON WAY OUT TO REMOVE MILLINGS. PICK UP SCRAPER AND RIH. CIRCULATE HOLE CLEAN. POH FOR LOGS. RIG UP ATLAS AND RUN VERTILOG AND NEUTRON LOG. SHUT IN WELL FOR WEEKEND.
11-21	LAYDOWN EXTRA TUBING AND DRILL COLLARS. STRAP AND PICKUP PACKER ASSEMBLY (WIRELINE GUIDE, NO-GO NIPPLE, PUP JOINT, PACKER, PUP JOINT MANDREL) RIH WITH 75 JOINTS, 2 3/8" TUBING. TEST TUBING TO 1800 PSI. RETRIEVE WIRELINE TEST PLUG. CLEAN TANKS, MIX CORROSION INHIBITOR AND DISPLACE HOLE WITH SAME. SET PACKER AT 2416'. TUBING TAIL AT 2427'. TEST PACKER TO 400 PSI. NIPPLE DOWN BOPE. NIPPLE UP TREE. RELEASE RIG.