

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 <small>(Company or operator)</small>	ONGDC <small>(Lease)</small>	CC#6 RD #2 <small>(Well No.)</small>
Sec. <u>10</u> , T. <u>6 N</u> , R. <u>5 W</u> W.B.&M. Surveyed Coordinates: <u>FROM THE CENTER OF</u> <u>SEC. 10; 689' SOUTH AND 66' WEST</u>		
Wildcat: _____ (or) Field Name: <u>MIST-UNDERGROUND STORAGE</u> County: <u>COLUMBIA</u>		
Date: <u>January 15, 1989</u>	Signature: <u><i>Yada Ghone</i></u> Position: <u>SUPT. DRILLING &amp; PRODUCTION</u>	

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	Operations
11-28-88	RIG UP TO KILL WELL. CIRCULATE GAS FROM WELL. NIPPLE DOWN PRODUCTION TREE. NIPPLE DOWN PRODUCTION TREE. NIPPLE UP AND TEST BOP WITH STATE REPRESENTATIVE WITNESSING.
11-29	CIRCULATE GAS FROM WELL. POH WITH TUBING. PICK UP MILL, DRILL COLLARS, AND 2 3/8" WORK STRING. RIH AND CIRCULATE OUT SAND AND CEMENT. MILL ON TOP PLUG @ 2296'. CIRCULATE OUT CUTTINGS AND SHUT IN WELL.
11-30	MILL OUT BRIDGE PLUG #1. CIRCULATE GAS FROM WELL. MILL ON BRIDGE PLUG #2 AT 2324'. SHUT IN WELL.
12-1	MILL BRIDGE. PLUG #2. SHUT IN WELL.
12-2	CIRCULATE GAS FROM WELL. POH TO CHECK MILL. LAYDOWN MILL AND BHA. RIH WITH 20 STD. SHUT IN WELL FOR WEEKEND.
12-5	POH 20 STDS. PICK UP MAGNET AND RIH. POH AND LAYDOWN MAGNET. PICK UP MILL AND RIH. MILL ON BRIDGE PLUG #2. SECURE WELL FOR NIGHT.
12-6	MILLING BRIDGE PLUG #2. SHUT IN WELL FOR NIGHT.
12-7	LAYDOWN TOP JT. OF TUBING. PICKUP 1 JT. MILLING BRIDGE PLUG #2. MILL OUT BRIDGE PLUG #2. CIRCULATE GAS FROM WELL. CLEAN MILLINGS FROM FLOW LINE. RAISE VISCOSITY. RUN TO BOTTOM. TAG BRIDGE PLUG #3 AT 2337'. MILL ON BRIDGE PLUG #3. SECURE WELL FOR NIGHT.
12-8	MILL ON BRIDGE PLUG #3. SHUT IN WELL. WAIT ON NEW MILL.
12-9	POH. PICK UP NEW MILL. RIH. MILL ON BRIDGE PLUG #3. CIRCULATE AND SHUT IN WELL.
12-10	POH WITH MILL. PICK UP MAGNET AND RIH. POH AND LAY DOWN MAGNET. RIH WITH MILL. MILL ON BRIDGE PLUG #3. SHUT IN WELL.

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Date	Description
12-11	POH. PICK UP MAGNET. TRIP IN AND OUT. PICK UP REFACED MILL. RIH. MILLING WITH NO PENETRATION. POH. RIH WITH 10 STDS, AND SECURE FOR NIGHT.
12-12	WAIT ON NEW MILL. POH AND PICK UP NEW MILL. RIH. MILL OUT BRIDGE PLUG #3. CIRCULATE. RIH WITH 2 STDS TO BOTTOM. POH LAYING DOWN WORK STRING. SECURE WELL.
12-13	LAY DOWN WORK STRING. PICK UP SCRAPER. RIH AND CIRCULATE. POH. LAY DOWN 2 STDS TUBING AND DC'S. RIG UP ATLAS AND RUN VERTILOG. TOOL FAILED COMING OUT OF HOLE. TEAR UP TOOL. RIG DOWN LOGGERS. PICK UP DC'S AND RIH WITH MILL AND SCRAPER. CIRCULATE WELL. SECURE FOR NIGHT.
12-14	CIRCULATE. POH. THIN MUD BACK AND CIRCULATE WELL. POH. RIG UP ATLAS AND RUN VERTILOG AND NEUTRON LOG. LAY DOWN DC'S. PICK UP AND RIH WITH PACKER ASSEMBLY. TEST TUBING TO 1800 PSI. PULL WIRELINE TEST PLUG. CIRCULATE HOLE. LAND DONUT. CLEAN MUD TANKS.
12-15	MIX CORROSION INHIBITOR, KCL. DISPLACE HOLE WITH SAME. NIPPLE DOWN BOPE. SET PACKER AND LAND DONUT. PACKER SET AT 2104 WITH TUBING TAIL AT 2123'. TEST PACKER AND DONUT TO 350 PSI. NIPPLE UP TREE. RELEASE RIG.