

HISTORY OF OIL OR GAS WELL

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

OREGON NATURAL GAS DEVELOPMENT CORP. COLUMBIA COUNTY 32-10
(Company or operator) (Lease) (Well No.)

Sec. 10, T. 6N, R. 5W W.B.&M. Surveyed Coordinates: 2181' SOUTH AND
1745' WEST FROM THE NORTHEAST CORNER SEC 10' T6N; R5W WB&M

Wildcat: (or) Field Name: MIST County: COLUMBIA

Date: 5/14/86 Signature: *Bob Thomas*
Position: CONSULTANT

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	
4/22/86	RUN IN HOLE TO 2401' WITH 2-7/8" TUBING AND RIG UP TO DISPLACE WITH SALT WATER.
4/23	CIRCULATE WELL WITH SALT WATER. MIX 3 SX CAUSTIC SODA WITH 75 BBLs. FRESH WATER. PUMP INTO WELL AND LEAVE TIL MORNING.
4/24	DISPLACE CAUSTIC SODA OUT WITH 190 BBLs SALT WATER. SWABBED WELL DOWN TO 1560'. PULL OUT OF HOLE WITH 11 JTS AND LAND TUBING @ 2072'.
4/25	RIG UP WELEX AND PERFORATE FOLLOWING INTERVALS WITH 2" SSBII THROUGH TUBING GUN 4 SHOTS/FOOT. 2235'-2214', 2215'-2195', 2194'-2173', 2173'-2152', 2147'-2126'. STUCK PERFORATING GUN IN TUBING @ 817'. RUN IN HOLE WITH SINKER BAR AND TAG FISH.
4/26	FILL HOLE WITH SALT WATER. REMOVE TREE. GAS MIGRATING TO SURFACE. NIPPLE UP TREE.
4/28	FILL HOLE. NIPPLE UP BLOW AT PREVENTER. PULL OUT OF HOLE WITH 26 JTS. LAY DOWN TUBING WITH PERFORATING GUN INSIDE. RUN IN HOLE AND LAND TUBING AT 2070'.
5/1	RAN TMD LOG. ATTEMPT TO SWAB WELL IN.
5/2	ATTEMPT TO SWAB WELL IN. PULLED OUT OF ROPE SOCKET AND LOST SWAB TOOL IN HOLE. RAN IN HOLE TO 2400' WITH TOOL FOUND NO FISH. SWAB TOOL APPROXIMATELY 23' LONG. RELEASED WELEX AND CREW.

RECEIVED - PTLD
MAY 21 1986
DEPT. OF GEOLOGY
& MINERAL INDUSTRIES