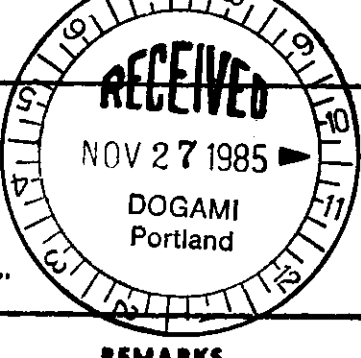


WELL CROWN ZELLERBACH #41-2
 COMPANY ARCO EXPLOR. & TECH.
 AREA MIST FIELD (SOUTH)
 LOCATION S 0°4'29"E 581.64'
 S 89°48'31"W 771.56' FROM
 NE CORNER, SEC 2 T5N R5W
 COUNTY, STATE COLUMBIA COUNTY, OREGON
 API #36-009-00174

- W E G E -
WESTERN GEO-ENGINEERS
 "A SERVICE TO THE OIL AND GAS INDUSTRY"



LITHOLOGY SYMBOLS
 Sand, Clay, Silt, Shale, Lignite, Vol, Intra, etc.

MUD DATA
 W WEIGHT
 V VISCOSITY
 F FILTRATE
 FC FILTER CAKE
 SO SAND IN %

LEGEND
 S SALINITY
 R RESISTIVITY
 RF FILTRATE RESISTIVITY
BIT DATA
 NB NEW BIT
 RRB RERUN BIT

OTHER DATA
 CB CORE BIT
 WLCB WIRE LINE CB
 CR CIRCULATE RETURNS
 NR NO RETURN
 DST DRILL STEM TEST
 [] CORE INTERVAL

REMARKS
 WELL ELEV. GL. 977.32'
 KB. 989.32'
 SALINITY IN PPM CL
 FILTRATE IN CC/30 MIN.
 GAS TRAP AGITATOR TYPE
 MUD LIGNOSULFONATE
 MAGCOBAR
 TAYLOR DRILG. RIG #4
CASING
 9-5/8" TO 417'
 TO
 TO

DATE 11/6/85 TO 11/10/85 DEPTH 40' TO 2110' ENGINEERS R. BUTLER
 F. MCGRATH
 B. THOMAS

