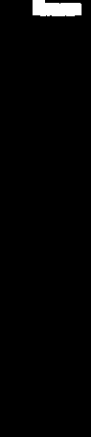


2" BHC SONIC



COMPANY: REICHHOLD ENERGY CORPORATION

WELL: "COLUMBIA COUNTY" #33-8

FIELD: WEST NEHALEY BASIN

STATE: OREGON

NATION: U.S.A.

LOCATION: S88W41.4' N 217S.14' E S1D18.1' E

SEC: 33

469.86' FR E 1/4 CNR

TMF: 6N

RF: 5N

PERMANENT DATUM: GL

ELEV. OF PERM. DATUM: 733.4 F

LOG MEASURED FROM: KB

DRG. MEASURED FROM: KB

ELEVATIONS - KB: 744.8 F

GL: 733.4 F

DATE: 12 MAY 85

RUN NO: 1

DEPTH-DRILLER: 3612.0 F

DEPTH-LOGGER: 3609.0 F

BIT LOG INTERVAL: 395.0 F

TOP LOG INTERVAL: 436.0 F

CASING-DRILLER: 436 F

CASING-LOGGER: 436 F

CASING: 9 5/8"

BIT SIZE: 7 7/8"

BIT DEPTH: 3612 F

OTHER SERVICES - DIL HDI

TYPE FLUID IN HOLE: GEL/LIGNO
 DENSITY: 10.8 LB/G
 VISCOSITY: 65.0 S
 PH: 9.5
 FLUID LOSS: 4.5 CC
 SOURCE OF SAMPLE: MUDDPIT
 RMF: 2.550 DHMM AT 62.0 DEGF
 RMF: 2.620 DHMM AT 50.0 DEGF
 RMC: 2.960 DHMM AT 50.0 DEGF
 SOURCE RMF/RMC: MEASURED/MEASURED
 RM AT BHT: 1.659 DHMM AT 99.0 DEGF
 RMF AT BHT: 1.408 DHMM AT 99.0 DEGF
 RMC AT BHT: 1.591 DHMM AT 99.0 DEGF

TIME CIRC. STOPPED: 10:00 5-11
 TIME LOGGER ON BTH: 03:05 5-12

MAX. REC. TEMP: 99.0 DEGF

LOGGING UNIT NO: 8128
 INDUCTION AND SONIC RAN IN COMBINATION
 RECORDED BY: FILCH
 WITNESSED BY: THOMAS

REMARKS:

700 PPM CHLORIDES

INDUCTION AND SONIC RAN IN COMBINATION.

CHE-Z AND STANDOFFS USED FOR CENTRALIZATION.

EQUIPMENT NUMBERS-

DIS-EC 567 DIC-DA 552 MCD-DA 1237 SLS-RC 252

SLC-FA 1321 IEM-BD 304 SLM-CA 138

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

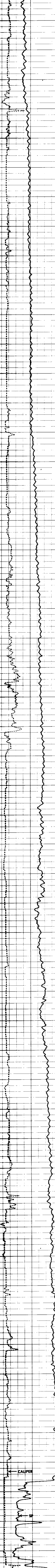
FILE 3 12-MAY-85 04:05
 DATA ACQUIRED 12-MAY-85 03:52

CALIBRATION: 6.0000 SP (MV) 16.0000

-100.0 0.0

DT (US/F) 150.00 50.000

FILE 3 12-MAY-85 04:02
 DATA ACQUIRED 12-MAY-85 03:52



FILE 3 12-MAY-85 03:58
 DATA ACQUIRED 12-MAY-85 03:03

CALIBRATION: 6.0000 SP (MV) 16.0000

-100.0 0.0

DT (US/F) 150.00 50.000

SENSOR MEASURE POINT TO TDDL ZERO

CBL 43.9 FEET
 TT3 40.1 FEET
 TT1 42.9 FEET
 CALI 31.8 FEET
 SFL 6.4 FEET
 SP 2.5 FEET
 TENS 2.5 FEET
 NOIS 35.6 FEET

AMPL 43.9 FEET
 TT4 39.1 FEET
 TT2 43.9 FEET
 SRAT 41.4 FEET
 ILD 9.4 FEET
 ILH 5.7 FEET
 SPAR 2.5 FEET

PARAMETERS

NAME VALUE UNIT
 MSV1 HF1
 DSIN 5 US
 CDTF 100.000
 DT 189.000 US/F
 SBR 1.00000 DHMM
 FPHI SPHI
 BS 7.87500 IN
 PP NDRM

NAME VALUE UNIT
 DHS 16
 DDEL 200 US
 DDCM 512
 DTH 56.0000 US/F
 DSEC 8.60000 MMHD
 MSEC 7.20000 MMHD
 BSEC 0.0
 DD 0.0 F

TAPE NOT MADE