WELL FAUL 34/32 RD#2

COMPANY KEITCHOLD ENERGY CORP.

AREA NIST NEHALEM BASIN

LOCATION 741.75'N & 255.60'E of SE CRN., Sec.32 17N R5W WMBM

COUNTY, STATE Columbia Co., OREGON

- WEGE -

WESTERN GEO-ENGINEERS

"A SERVICE TO THE OIL AND GAS INDUSTRY"

DEC 3 1984

DIVISION OF OIL & GAS

LITHOLOGY SYMBOLS

Sand | Silt | Shale | Lime | Dolo | Anhy | Salt | Coal | Chert | Basalt | Igneous | Granite | Metamorphic | Conglomerate

REMARKS

WELL ELEV. GL 674.75'
KB 687.75'

SALINITY IN PPM CL

FILTRATE IN CC'S 30 MIN.

GAS TRAP AGITATOR TYPE

MUD CLASSIFICATE (BEAVEN DRILLING FLUIDS)

TAYLOR DRILLING RIG #4

CASING

8 5/8" to 497'

" to "

" to "

LEGEND

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

S SALINITY
R RESISTIVITY
PF FILTRATE RESISTIVITY

BIT DATA
NB NEW BIT
RRB RERUN BIT

CR CORE BIT
M CB WIRE LINE CB
OTHER DATA
TG TRIP GAS
CG CONNECTION GAS
C CARBIDE GAS

CR CIRCULATE RETURNS
NR NO RETURNS
DST DRILL STEM TEST
[DST INTERVAL
] CORE INTERVAL

DATE 9/20/84 to 9/24/84 DEPTH 710' to 2719' ENGINEERS P.LITTLETON M.THOMAS

- WEGE -
WESTERN GEO-ENGINEERS

Drilling Rate in FT/HR
Bit Data

DEPTH

SAMPLE LITHOLOGY

OIL IN MUD or CUTTINGS Tr.= Fair.ex Good xxx VGd xxxx

MUD ANALYSIS
TOTAL DITCH GAS _____
PIT. VAR. - - - -
BLENDER GAS
10 20 30 40 50 75 100 125 150 175 200

CUTTING ANALYSIS
TOTAL GAS _____
PIT. VAR. - -
25 50 75

REMARKS
Mud Data
Formation Tests
Core Analysis
Surveys
E. Logs

Set 8 5/8" CASING @ 497'. DRILL AHEAD w/ 7 7/8" BIT.

NOTE: ALL DRIFT ANGLES, DIRECTIONS, COORDINATES, ETC. ARE HEAL- RO AVERAGES.

K.O.P. @ 710' w/ 7" KICK ROS. DRILL AHEAD w/ 7 7/8" BIT.

2°45 N16E
1.47'N .34'E
TVD=738.98' (cm=.02')

▼ 9.0 x 40 PV 10
YP 10 pH 12 x 900
sd 2 SOL 9

5° N21E
6.40'N 1.09'E
TVD=835.40' (cm=.2')

5° N21E
14.02'N 4.91'E
TVD=929.44' (cm=.56')

5° N18E
19.11'N 6.84'E
TVD=991.20' (cm=.80')

5° N17E
25.92'N 8.36'E
TVD=1048.98' (cm=1.02')

4°45' N6E
28.61'N 8.76'E
TVD=1110.28' (cm=3.72)

▼ 9.6
60

Cw37@ vis 60
Lagoon 1368PPM
100cc gun 2x5mm
A.v.m=1.32°/STA

4°30' N7E
30.40'N 9.12'E
TVD=1200.47' (cm=4.41)

▼ 9.6 x 50 PV 16
YP 10 pH 12 x 900
sd 2 SOL 11

3°15' N6E
32.16'N 9.56'E
TVD=1278.64' (cm=3.16)

▼ 9.7
42

1°45' N20E
32.64'N 9.71'E
TVD=1360.64' (cm=1.16)

1°30' N35E
32.76'N 9.91'E
TVD=1436.02' (cm=1.16)

▼ 9.6
50

1°15' NOTE: D.H.T. ONLY

1°15' N42W
32.64'N 8.56'E
TVD=1611.72' (cm=1.25')

1°15' ▼ 9.6 x 49

▼ 10.0 x 39 PV 25
YP 15 pH 9.0 x 900
sd 1.0 SOL 12

1°30' N43W
30.25'N 4.07'E
TVD=1797.93' (cm=1.27)

1°15' ▼ 9.8
48

0°45' N39W
29.42'N 3.42'E
TVD=1877.93' (cm=1.31)

0°30' ▼ 9.8
51

1°00' N26W
29.49'N 3.06'E
TVD=1964.93' (cm=1.31)

▼ 9.8
50

1°00' N26W
29.49'N 3.06'E
TVD=2055.70' (cm=1.41)

▼ 10.0 x 51 PV 9.0
YP 6 pH 9.0 x 900
sd 1 SOL 12

0°45' N17W
29.36'N 2.82'E
TVD=2135.70' (cm=1.41)

1°00' N26W
29.49'N 3.06'E
TVD=2226.49' (cm=1.31)

▼ 9.9
56

Cw10@ vis 56
Lagoon 1368PPM 1175PM
100cc gun 5MM gun 5MM
0°30' N16E (cm=1.31) ONLY

▼ 9.9
54

0°45' ▼ 10.0
56
s 250

▼ 10.2 x 52

▼ 10.3
54
PV 30
YP 18
pH 8.5
s 1200
sd 1.0
SOL 15

AN SCHLUMBERGER
1°00' N26W
29.49'N 3.06'E
TVD=2719.66' (cm=1.34)

DRILLERS TOTAL DEPTH 2719'

IGNITE SCAN

KELLY TO GROUND
ABOVE GL
2.25'

DUB 12/14,000
SPM 130
PP 600
PPM 100

T4 RD 1
T405'/S15-KS