CC 64

WELL Columbia County #4

COMPANY REICHHOLD ENERGY CORP.

AREA Newberg Basin

LOCATION 560'FS & 1140'FW OF NE COR. Sec 15, T4N, R2W, WM

COUNTY, STATE Columbia Co., Oregon

DATE 5/8/79 to 5/15/79 DEPTH 601' to 2956' ENGINEERS RADM REAY

- WEGE -
WESTERN GEO-ENGINEERS
"A SERVICE TO THE OIL AND GAS INDUSTRY"

LITHOLOGY SYMBOLS

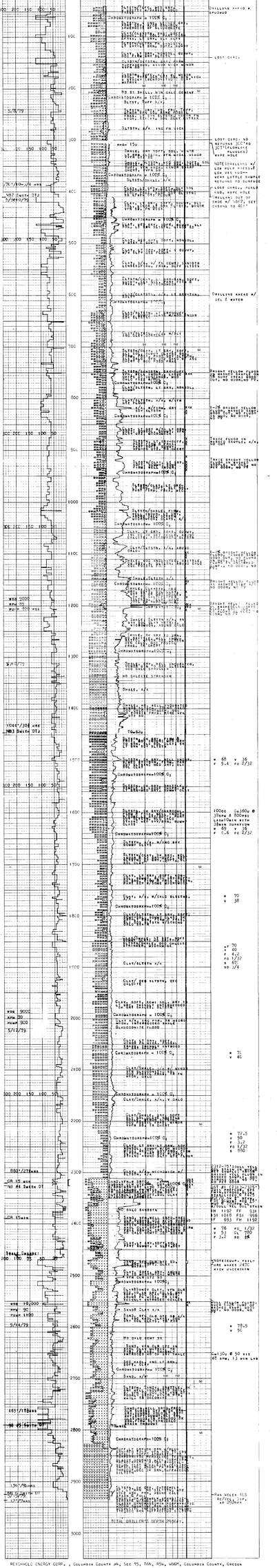
REMARKS
MEL ELEV. GL 754'
KB 765'
SALINITY 0K PPM
FILTRATE 0K CC MIN.
GAS TRAP AGITATOR TYPE MUD
TAYLOR MUD

CASING
7" to 601'
" to "
" to "

MUD DATA
W WEIGHT
V VISCOSITY
FL FILTRATE
PH PH VALUE
MC SAND CUT

LEGEND
S SALINITY
R RESISTIVITY
RM MUD RESISTIVITY
BIT DATA
NO NOZZLES
RPM REVOLUTIONS

CR CORE BIT
WLCR WIRELINE CR
OTHER DATA
TD TD/DST
DST DRILLSTEM GAS
C CARBIDE GAS
CC CHLORIDE READING
NR NO RETURN
DST DRILL STEM TEST
DST INTERVAL
CORE INTERVAL


WEGE
WESTERN GEO-ENGINEERS
DEPTH
SAMPLE
LITHOLOGY
OIL IN MUD or CUTTINGS (Tr = Fair ex Good xxx VISC xxxx)
MUD ANALYSIS
CUTTING ANALYSIS
REMARKS
Drilling Rate in ft./min
Bit Data
Mud Data
Formation Tests
Core Analysis
Surveys
Gas
Drilling ahead with NB 21 Smith
Drilling ahead w/ spudmud
Drilling ahead out of conductor with 9-7/8" bit
Lost circ.
Lost circ. no returns 2CC to 3CC(plugging plugged) wipe hole
Note drilling w/ low mud press & low vis 40sec. Keep little sample returns to surface
Lost circ. & pulled 1000, wipe hole
Drilling out of shoe w/ 9.2#/g, key casing to 601'
Drilling ahead w/ gel & water
Bright yellow fluor no cut, no odor, no stain
5-2% bright yellow fluor, no cut, no odor, no stain
Trace fluor in sandy sltst w/ a/a
Bright yellow fluor no cut, no odor, no stain
Bright yellow fluor no cut, no odor, no stain
Bright yellow fluor no cut, no odor, no stain
Drilling ahead w/ 9.1#/g mud
Drilling ahead w/ 9.2#/g mud
Drilling ahead w/ 9.3#/g mud
Drilling ahead w/ 9.4#/g mud
Drilling ahead w/ 9.5#/g mud
Drilling ahead w/ 9.6#/g mud
Drilling ahead w/ 9.7#/g mud
Drilling ahead w/ 9.8#/g mud
Drilling ahead w/