CC 43-27-65

WELL Columbia County 43-27
API # 36-009-00127
COMPANY Reichhold Energy Corp.

AREA Mist

LOCATION From East ¼ corn S1°00'31" W 477.87' & N 89°59'29" W 740.96'. Sec 27; T6N; R5W.

COUNTY, STATE Columbia Co., OR

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

LITHOLOGY SYMBOLS

☐ Sand ☐ Clay and Shale ☐ Siltst. ☐ Sandy Siltst. ☐ Conglomerate ☐ Lignite or Coal ☐ Volcanic ☐ Intrusive ☐ Salt ☐ Limest. ☐ Chert ☐

REMARKS

WELL ELEV. GL. 898.54'
KB. 911.04'
SALINITY IN PPM CL-
FILTRATE IN CC/30 MIN.
GAS TRAP Agitator Type
MUD Lignosulfonate
Beaver Drilling Fluids
Taylor Drilling, Rig 4

LEGEND

MUD DATA

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

S SALINITY
R RESISTIVITY
RF FILTRATE RESISTIVITY

BIT DATA

NB NEW BIT
RRB RERUN BIT

CB CORE BIT
WLCB WIRE LINE CB

OTHER DATA

TG TRIP GAS
CG CONNECTION GAS
C CARBIDE GAS

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

CASING

8 ⅝" TO 400'
TO
TO

DATE 8/14/84 TO 8/18/84 DEPTH 20' TO 2441' ENGINEERS T. King
B. Portwood
J. Duvall

- WEGE -
WESTERN GEO-ENGINEERS
Drilling Rate In FT/HR
Bit Data

DEPTH

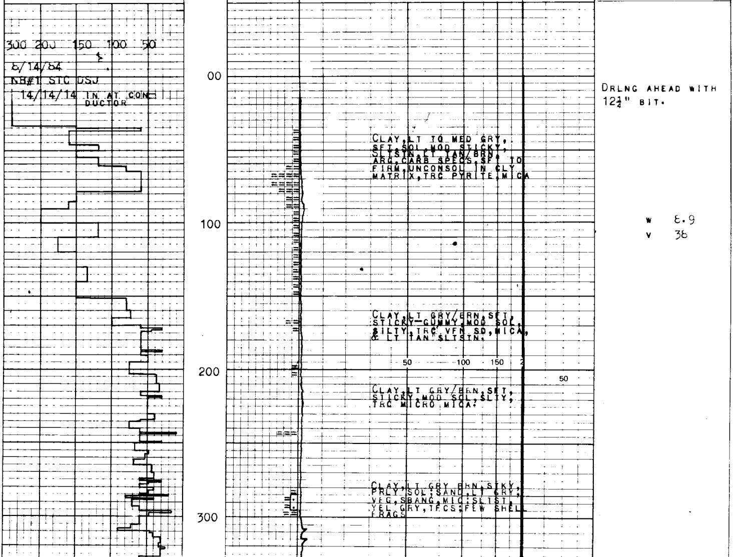
SAMPLE LITHOLOGY

OIL IN MUD or CUTTINGS Tr x Fair xx Good xxx V/Gd xxxx

MUD ANALYSIS
TOTAL DITCH GAS
PET. VAP. - - -
BLENDER GAS

CUTTING ANALYSIS
TOTAL GAS
PET. VAP. - -

REMARKS
Mud Data
Formation Tests
Core Analysis
Surveys
E Logs



8/14/84
NB#1 STC DSJ
14/14/14 IN AT CONDUCTOR

Drlng ahead with 12¼" bit.

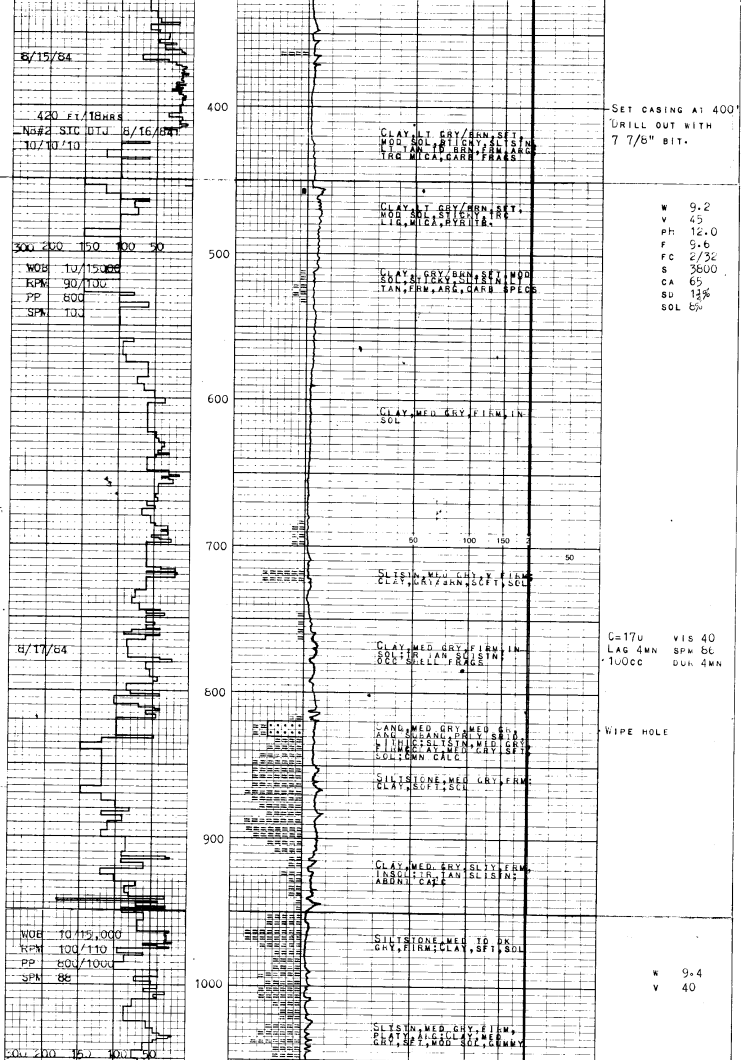
Clay, lt to med gry, sft, sol, mod sticky; sltstn, lt tan/brn, arg, carb specs, sft to firm, unconsol in cly matrix, trc pyrite, mica

W 8.9
V 38

Clay, lt gry/brn, sft, sticky-gummy, mod sol, silty, trc vfn sd, mica, & lt tan sltstn.

Clay, lt gry/brn, sft, sticky, mod sol, slty, trc micro mica.

Clay, lt gry brn, stky, prly sol; sand, lt gry, vfg, sbang, mic; slist, yel gry, tfcs; few shell frags



8/15/84

SET CASING AT 400'
DRILL OUT WITH
7 7/8" BIT.

420 FT/18HRS
NB#2 STC DTJ 8/16/84
10/10/10

CLAY, LT GRY/BRN, SFT, MOD SOL, STICKY, SLTSTN, LT TAN TO BRN, FRM, ARG, TRC MICA, CARB FRAGS

CLAY, LT GRY/BRN, SFT, MOD SOL, STICKY, TRC LIG, MICA, PYRITE.

W 9.2
V 45
pH 12.0
F 9.6
FC 2/32
S 3800
CA 65
SD 1¼%
SOL 8%

WOB 10/15000
RPM 90/100
PP 800
SPM 100

CLAY, GRY/BRN, SFT, MOD SOL, STICKY, SLTSTN, LT TAN, FRM, ARG, CARB SPECS

CLAY, MED GRY, FIRM, INSOL

SLTSTN, MED GRY, V FIRM; CLAY, GRY/BRN, SOFT, SOL

8/17/84

CLAY, MED GRY, FIRM, INSOL; TR TAN SLTSTN; OCC SHELL FRAGS

C=17u
LAG 4MN
100cc

VIS 40
SPM 86
DUR 4MN

SAND, MED GRY, MED GR, ANG SUBANG, PRLY SRTD, LITHIC; SLTSTN, MED GRY, FIRM; CLAY, MED GRY, SFT, SOL; CMN CALC

WIPE HOLE

SILTSTONE, MED GRY, FRM; CLAY, SOFT; SOL

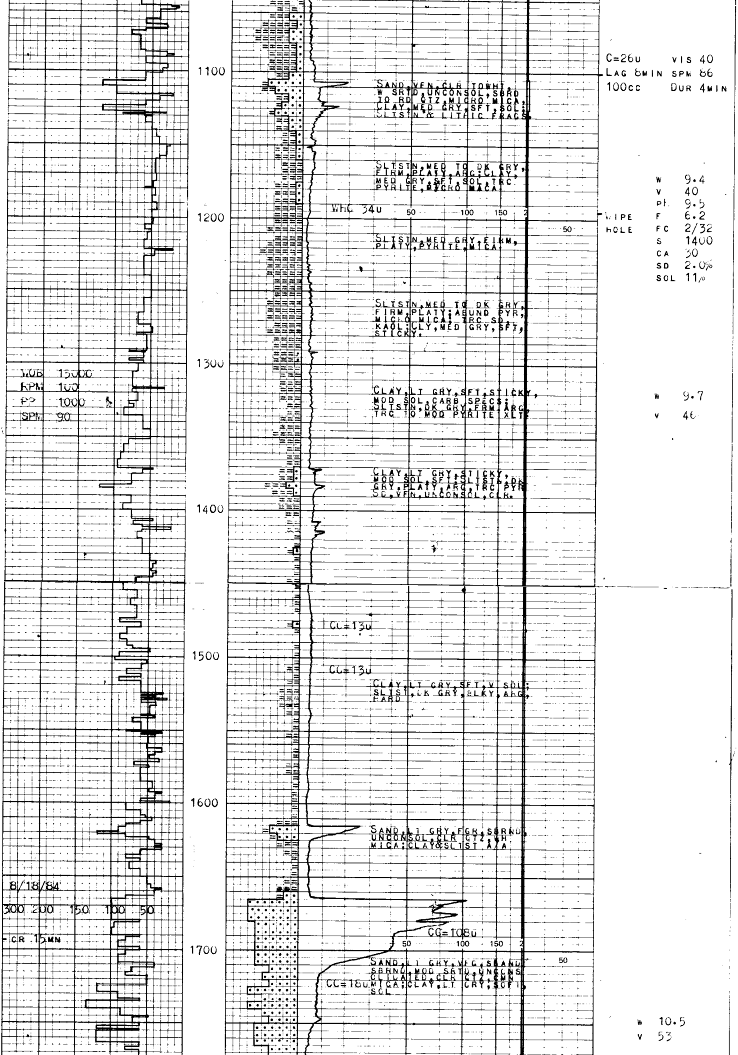
CLAY, MED GRY, SLTY, FRM, INSOL; TR TAN SLTSTN; ABDNT CALC

WOB 10/15,000
RPM 100/110
PP 800/1000
SPM 88

SILTSTONE, MED TO DK GRY, FIRM; CLAY, SFT, SOL

W 9.4
V 40

SLTSTN, MED GRY, FIRM, PLATY, ARG; CLAY, MED GRY, SFT, MOD SOL, GUMMY



C=26u VIS 40
LAG 8MIN SPM 86
100cc DUR 4MIN

SAND,VFN,CLR TO WHT, W SRTD,UNCONSOL,SBRD TO RD QTZ,MICRO MICA; CLAY,MED GRY,SFT,SOL; SLTSTN & LITHIC FRAGS.

SLTSTN,MED TO DK GRY, FIRM,PLATY,ARG;CLAY, MED GRY,SFT,SOL,TRC PYRITE,MICRO MACA.

W 9.4
V 40
PH 9.5
F 6.2
FC 2/32
S 1400
CA 30
SD 2.0%
SOL 11%

WIPE HOLE

SLTSTN,MED GRY,FIRM, PLATY,PYRITE,MICA.

SLTSTN,MED TO DK GRY, FIRM,PLATY;ABUND PYR, MICRO MICA; TRC SD, KAOL;CLY,MED GRY,SFT, STICKY.

WOB 15000
RPM 100
PP 1000
SPM 90

CLAY,LT GRY,SFT,STICKY, MOD SOL,CARB SPECS; SLTSTN,DK GRY,FRM,ARG, TRC TO MOD PYRITE XLTS

W 9.7
V 46

CLAY,LT GRY,STICKY, MOD SOL,SFT;SLTSTN,DK GRY,PLATY,ARG,TRC PYR SD,VFN,UNCONSOL,CLR.

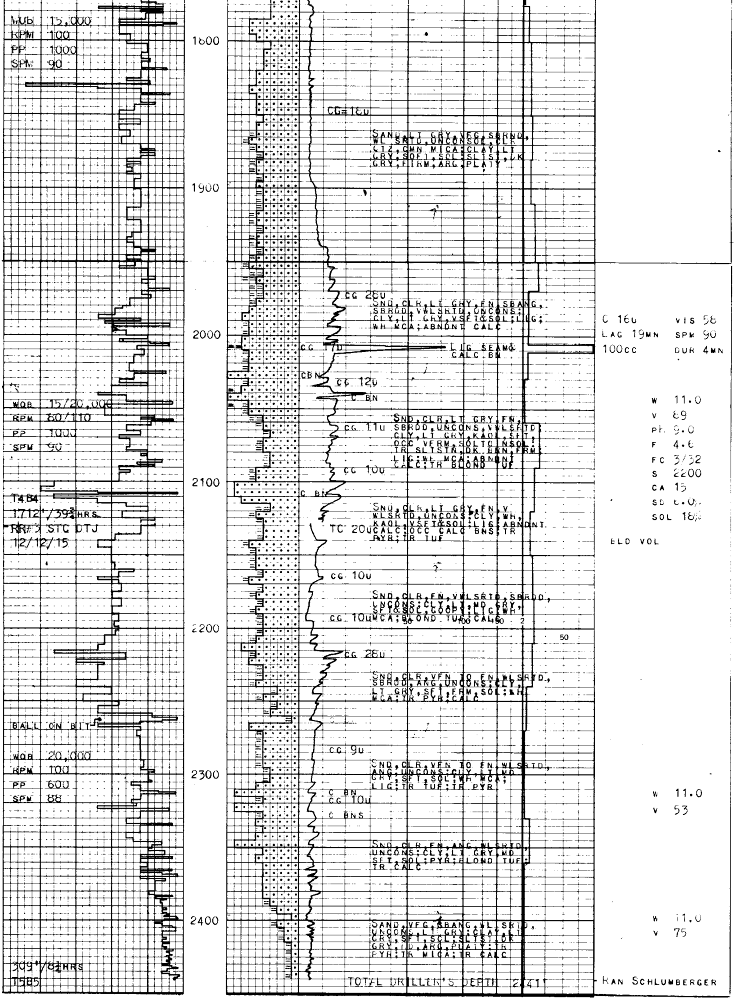
CLAY,LT GRY,SFT,V SOL; SLTST,DK GRY,BLKY,ARG, HARD

SAND,LT GRY,FGR,SBRND, UNCONSOL,CLR QTZ,WH MICA;CLAY&SLTST A/A

8/18/84

SAND,LT GRY,VFG,SBANG SBRND,MOD SRTD,UNCONS CLLIATED,CLR QTZ,CMN MICA;CLAY,LT GRY,SOFT, SOL

W 10.5
V 53



REICHHOLD ENERGY CORP., COLUMBIA COUNTY #43-27, MIST-NEHALEM BASIN, SEC. 27, T6N, R5W, COLUMBIA CO., OR

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