RECEIVED
SEP 13 1989

COMPANY: REICHHOLD ENERGY CORP.
WELL: COLUMBIA COUNTY
FIELD: HERALEM BASIN
County: COLUMBIA State: OREGON

Other Services: DIL, SFL, BHC, GR, CAL

Permanent Datum: GROUND LEVEL Elev.: 1089.72
Log Measured From: KELLY BUSHING 10.28 Ft. Above Perm. Datum
Drilling Measured From: KELLY BUSHING

Rec.	1		
Run No.	ONE		
Depth Driller	2975		
Depth Logger	2983		
Bottom Logged Interval	2980		
Top Logged Interval	2500		
Type Fluid in Hole	LIGNOSULFONATE		
Salinity PPM Cl	1000		
Density LB/G	9.2		
Viscosity	38		
Fluid Loss	10		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp.	.83 @ 70°F		
Rmf @ Meas. Temp.	.68 @ 70°F		
Rmc @ Meas. Temp.	.98 @ 70°F		
Source Rmf / Rmc	MEASURED		
Rm @ BHT	1.11 @ 109°F		
Time Since Circ.	4 HRS.		
Max. Rec. Temp.	109°F		
Equip. Location	2-20		
Recorded By	SCOTT		
Witnessed By	MR. CLARK		

RUN NO. ONE
DATE 8-29-89
TYPE LOG COMPENSATED ACOUSTIC VELOCITY
DEPTH-DRILLER 2975
DEPTH-LOGGER 2983
BTM. LOG INTERVAL 2980
TOP LOG INTERVAL 2500
CASING-DRILLER 9 5/8 @ 2500
CASING-LOGGER 2500
BIT SIZE 8 3/4
TYPE FLUID IN HOLE LIGNOSULFONATE
DENS. LB/G 9.2
VISC. 38
PH 10
FLUID LOSS 10
SOURCE OF SAMPLE FLOWLINE
RM @ MEAS. TEMP. .83 @ 70°F
RMF @ MEAS. TEMP. .68 @ 70°F
RMC @ MEAS. TEMP. .98 @ 70°F
SOURCE RMF / RMC MEASURED
RM @ BHT 1.11 @ 109°F
TIME SINCE CIRC. 4 HRS.
MAX. REC. TEMP. 109°F
EQUIP. LOCATION 2-20
RECORDED BY SCOTT
WITNESSED BY MR. CLARK

RUN NO. TWO
DATE 8-30-89
TYPE LOG COMPENSATED ACOUSTIC VELOCITY
DEPTH-DRILLER 5100
DEPTH-LOGGER 5100
BTM. LOG INTERVAL 5100
TOP LOG INTERVAL 2980
CASING-DRILLER 9 5/8 @ 2500
CASING-LOGGER 2500
BIT SIZE 8 3/4
TYPE FLUID IN HOLE LIGNOSULFONATE
DENS. LB/G 9.2
VISC. 38
PH 10
FLUID LOSS 10
SOURCE OF SAMPLE FLOWLINE
RM @ MEAS. TEMP. .83 @ 70°F
RMF @ MEAS. TEMP. .68 @ 70°F
RMC @ MEAS. TEMP. .98 @ 70°F
SOURCE RMF / RMC MEASURED
RM @ BHT 1.11 @ 109°F
TIME SINCE CIRC. 4 HRS.
MAX. REC. TEMP. 109°F
EQUIP. LOCATION 2-20
RECORDED BY SCOTT
WITNESSED BY MR. CLARK

RUN NO. THREE
DATE 8-31-89
TYPE LOG COMPENSATED ACOUSTIC VELOCITY
DEPTH-DRILLER 7100
DEPTH-LOGGER 7100
BTM. LOG INTERVAL 7100
TOP LOG INTERVAL 5100
CASING-DRILLER 9 5/8 @ 2500
CASING-LOGGER 2500
BIT SIZE 8 3/4
TYPE FLUID IN HOLE LIGNOSULFONATE
DENS. LB/G 9.2
VISC. 38
PH 10
FLUID LOSS 10
SOURCE OF SAMPLE FLOWLINE
RM @ MEAS. TEMP. .83 @ 70°F
RMF @ MEAS. TEMP. .68 @ 70°F
RMC @ MEAS. TEMP. .98 @ 70°F
SOURCE RMF / RMC MEASURED
RM @ BHT 1.11 @ 109°F
TIME SINCE CIRC. 4 HRS.
MAX. REC. TEMP. 109°F
EQUIP. LOCATION 2-20
RECORDED BY SCOTT
WITNESSED BY MR. CLARK

Field Notes

Service Ticket No. 04104 Remarks

Change in Mud Type or Additional Services

Date	Sample No.	Type Log	Depth	SCALE CHANGES Scale Up Hole	Scale Down Hole
Depth - Driller					
Depth - Logger					
Type Fluid in Hole					
Dens. / Visc.					
pH / Fluid Loss					
Source of Sample					
Rm @ Meas. Temp.	@ °F				
Rmf @ Meas. Temp.	@ °F				
Rmc @ Meas. Temp.	@ °F				
Source Rmf / Rmc					
Rm @ BHT	@ °F				
Time Since Circ.					
Max. Rec. Temp.	°F				
Equip. Location					
Recorded By					
Witnessed By					

EQUIPMENT DATA

Run No.	Tool Type and No.	Rec.	Tool Type	Test Position	Other
ONE	SEL 43958			CENT.	

Weiler does not guarantee the accuracy of any interpretation and any recommendation which may be expressed, or recommendations which may be given by Weiler personnel, is the opinion of persons familiar with the well or area, but Weiler does not guarantee its correctness, or recommend or suggest that Weiler is not responsible, except where due to gross negligence or wilful misconduct on its part, damages or expenses arising from the use thereof.

2" - 100

POTENTIAL MILLIVOLTS

CALIPER
6 Average Diameter Inches 16

TRAVEL TIME
MICROSECONDS PER FT.
140-40

250 200 150

CASING

SP

WAVE TRAIN AMPLITUDE

INTERVAL TRAVEL TIME

CASING

SP

WAVE TRAIN AMPLITUDE

INTERVAL TRAVEL TIME

CALIPER
6 Average Diameter Inches 16

TRAVEL TIME
MICROSECONDS PER FT.
140-40

250 200 150

POTENTIAL MILLIVOLTS

REICHHOLD ENERGY CORPORATED
COLUMBIA COUNTY NO. 10
WEST - HERALEM BASIN
COLUMBIA COUNTY, OREGON

T.D. DRILLER 2975
T.D. LOGGER 2983
T.D. WELEX 2985
ELEVs KB 1099.72 GL 1089.22

REPEAT SECTION

2500

2600