COMPANY REICHHOLD ENERGY CORPORATION
WELL HAMMERBERG NO. 1
FIELD HEWLETT BASIN
County COLUMBIA State OREGON

Other Services: BHC

Permanent Datum	Elev.	Elev.
Log Measured From	K.B.	16 Ft. Above Perm. Datum
Drilling Measured From	K.B.	

	Run No.	Date	Depth-Driller	Depth-Logger	Bottom Logged Interval	Top Logged Interval	Type Fluid in Hole	Salinity, PPM Cl	Density	Viscosity	pH	Fluid Loss	Source of Sample	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Source of Rmf and Rmc	Rm @ BHT	Time Since Circulation	Max. Rec. Temp. Deg. F.	Equipment Number	Location	Recorded By	Witnessed By
1st Run	ONE	7-9-73	5551	5551	5551	SURF.	LIGNOSULFONATE	4.5	9.2	38	9.5	5.4	CIRC.	.92 @ 113°F	.51 @ 113°F	1.70 @ 113°F	MEAS.	.51 @ 135°F	24 HRS.	135	10553			
2nd Run																							
3rd Run																							

Fluid Here

Service Ticket No. 226859 Remarks:

Change in Mud Type or Additional Samples

Date	Sample No.		
Time			
Type Fluid in Hole			
Depth			
Time Circ. Stopped			
Time Logger on Bottom			
Max. Rec. Temp.	@ °F	@ °F	@ °F
Equip. Location			
Recorded By			
Witnessed By			

	Run No.	Type Log	Depth	Scale Up Hole	Scale Down Hole
Primary Log	ONE	IEL	11552		
Repeat Section					
Overlay					
Log Combination					

EQUIPMENT DATA

Rm @ BHT	Run No.	Type and No.	Pad Type	Tool Position	Other
1.92 @113°F	ONE	IEL 11552		FREE	
.51 @135°F					
1.70 @113°F					

Wellex does not guarantee the accuracy of any interpretation of any log, comment or opinion shown on this log and shall not be liable for any loss or damage arising from any reliance on the log or any interpretation thereof. The use of Wellex logs, interpretations or recommendations to operate the Wellex or non-Wellex tools shall be at operator's risk. Wellex reserves the right to revise any interpretation or data recorded by Wellex.

2" = 100'

POTENTIAL MILLIVOLTS

10 mv

Rmf ____ at ____ °F.

RESISTIVITY OHMS M²/M CONDUCTIVITY M MHOS/M

16" Normal 20 2000 Induction 0
0 9.5 200 2000 9.5 1000
0 16" AMP. NORMAL 6
Induction 10
0 9.5 100

MEASURED DEPTH

16" NORMAL

AMPLIFIED 16" NORMAL

Rmf 1.66 at 113 °F.

AMPLIFIED 64" NORMAL

64" NORMAL

Induction 10
0 9.5 100
0 16" Normal 20
0 9.5 100 2000 Induction 0
0 16" AMP. NORMAL 6 2000 9.5 1000

REPEAT SECTION

REICHHOLD ENERGY CORPORATION
HAMMERBERG NO. 1
HEWLETT BASIN
COLUMBIA COUNTY, OREGON

T.D. LOGGED 2847
T.D. DRILLER 2851
T.D. WELEX 2851
ELEV. KB 364.1 GL 353.6