CC 13-02-65

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY 13 2
FIELD MIST NEHALEM BASIN
County COLUMBIA State OR.

Welex
2"=100'

DUAL INDUCTION GUARD LOG

WITH 2" LINEAR CORRELATION LOG

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY 13 2
FIELD MIST NEHALEM BASIN
COUNTY COLUMBIA STATE OREGON

RECEIVED-PTLD
OCT 5 1980
DEPT OF GEOLOGY & MINERAL

Location
1626' NORTH & 629' EAST OF SOUTHWEST CORNER:
Sec. 2 Twp. 6N Rge. 5W

Other Services:
CAVL
DIP 2"

Permanent Datum G.L. Elev. 1020.83
Log Measured From K.B. 10.5 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 1031.33
D.F.
G.L. 1020.83

Date	7-31-80			
Run No.	ONE			
Depth—Driller	3709			
Depth—Welex	3709			
Btm. Log Inter.	3707			
Top Log Inter.	407			
Casing—Driller	7 @ 405	@	@	@
Casing—Welex	407			
Bit Size	6 1/4			
Type Fluid in Hole	LIGNO-SULF MUD			
Dens. I Visc.	69 I 38	I	I	I
pH I Fluid Loss	12.5 I 15 ml	I ml	I ml	I ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	3.75 @ 68 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	4.90 @ 56 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	3.90 @ 58 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	I	I	I
R_m @ BHT	2.05 @ 124F	@ °F	@ °F	@ °F
Time Since Circ.	3 HOURS			
Max. Rec. Temp.	124F @ T.D.	°F @	°F @	°F @
Equip. I Location	2876 I WDLD	I	I	I
Recorded By	ANDERSON			
Witnessed By	BRUER			

Fold Here

Service Ticket No. Remarks:

Change in Mud Type or Additional Samples

Date | Sample No.	I	I
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.	I	I
ph | Fluid Loss	I ml	I
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} | R_{mc}	I	I
R_m @ BHT	2.05 @ 124 °F	@ °F
R_{mf} BHT	2.21 @ 124 °F	@ °F
R_{mc} BHT	1.82 @ 124 °F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

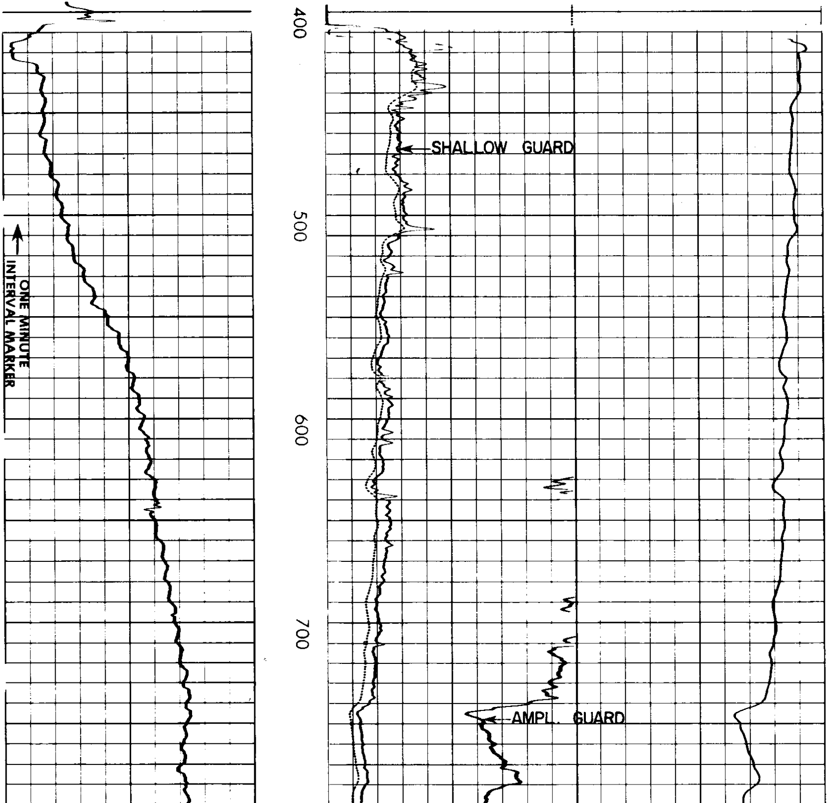
EQUIPMENT DATA

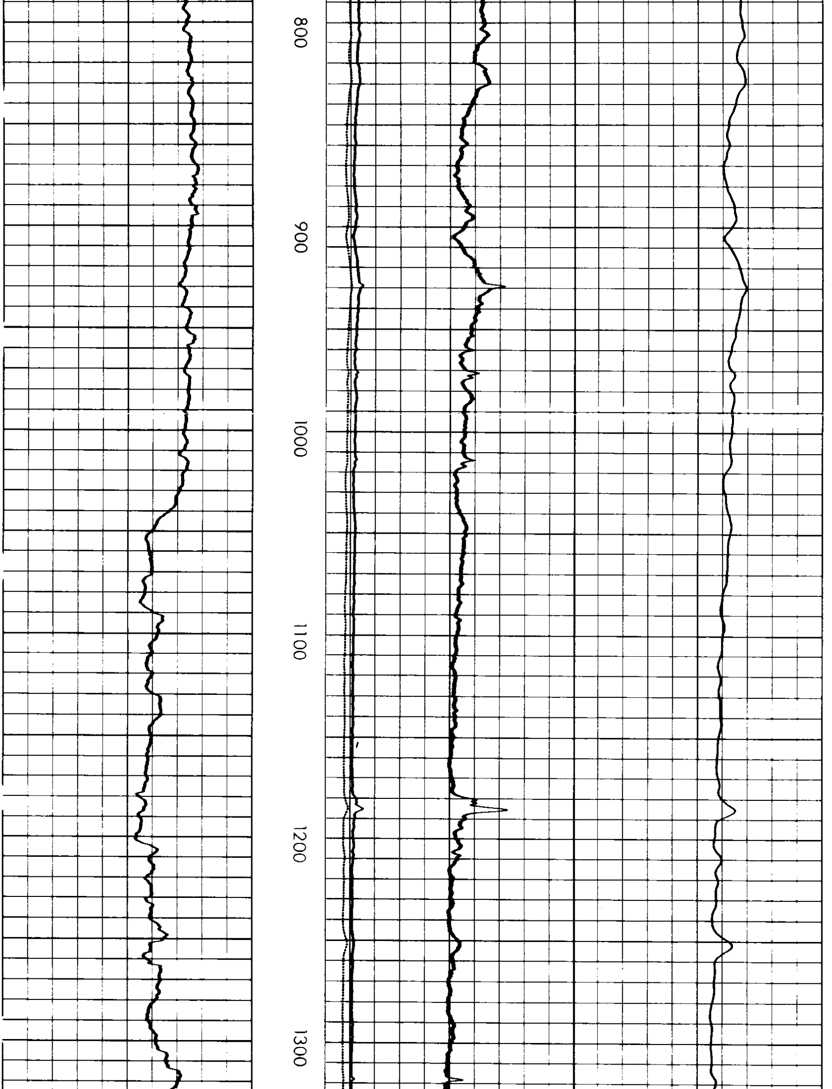
Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	IND 21674		1 1/2 S.O.	

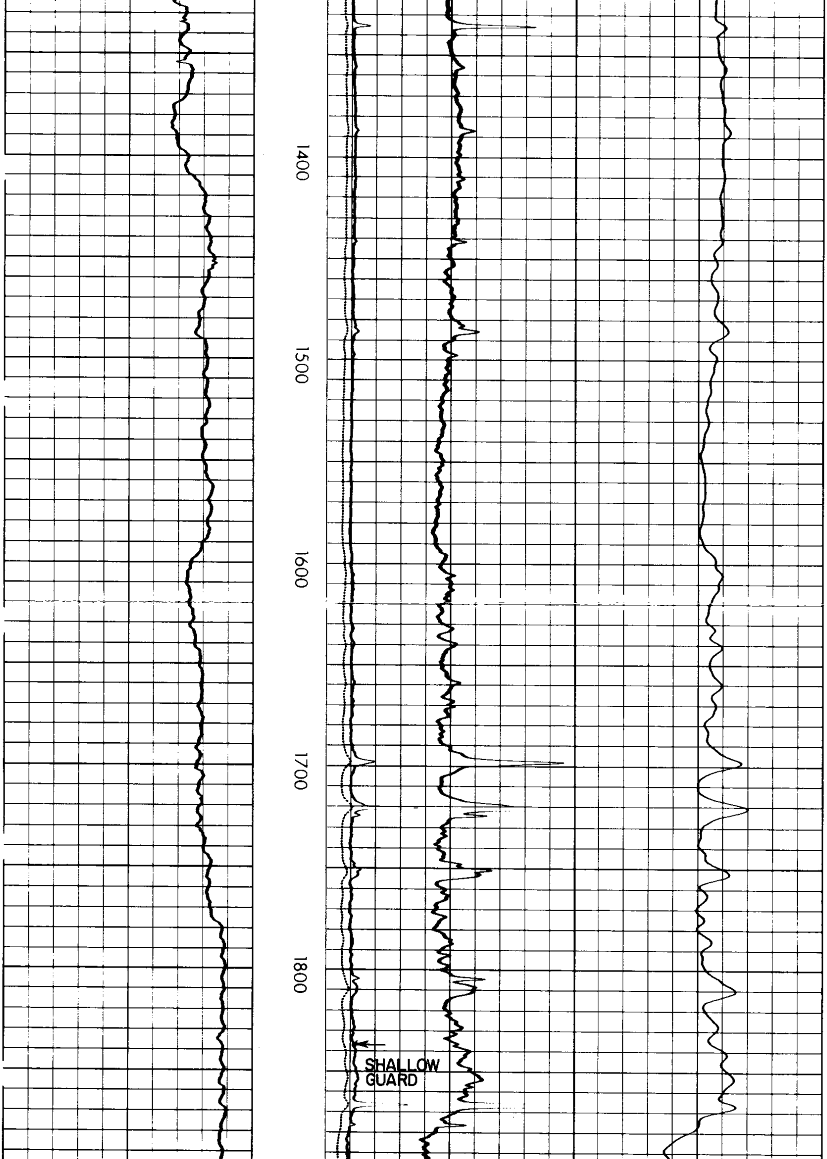
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible, except where due to gross negligence or wilful misconduct, for any loss, damages, or expenses resulting from the use thereof.

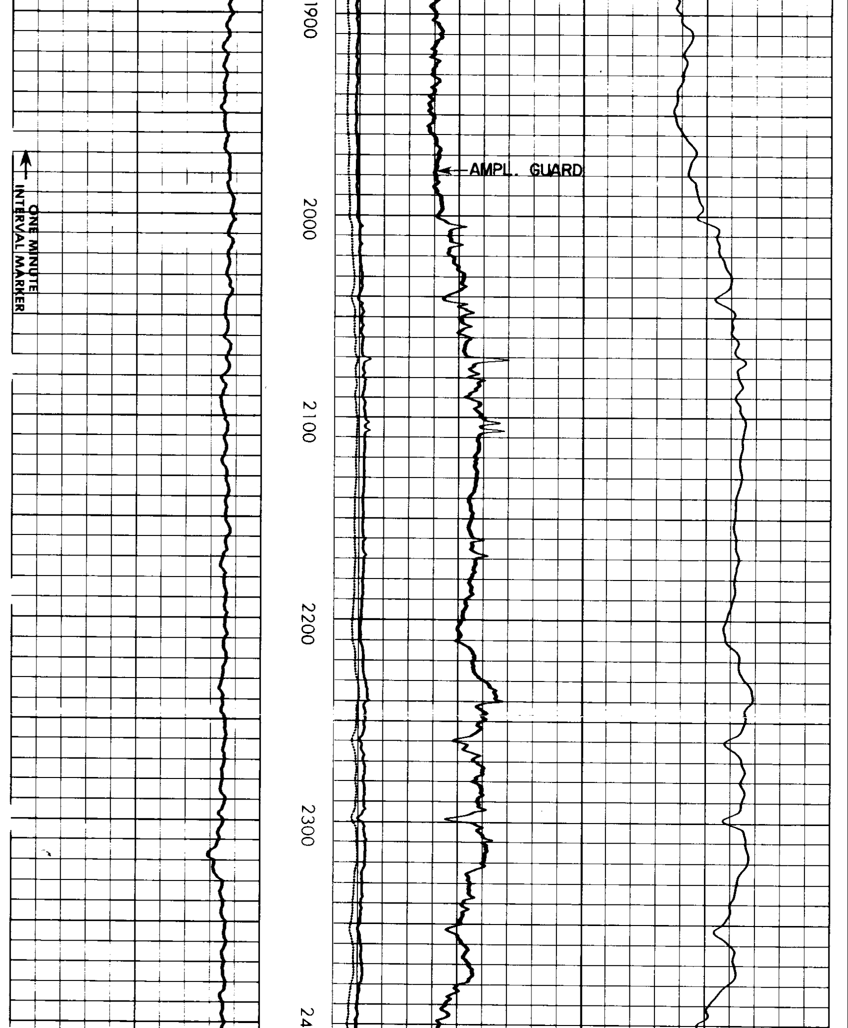
2" = 100'

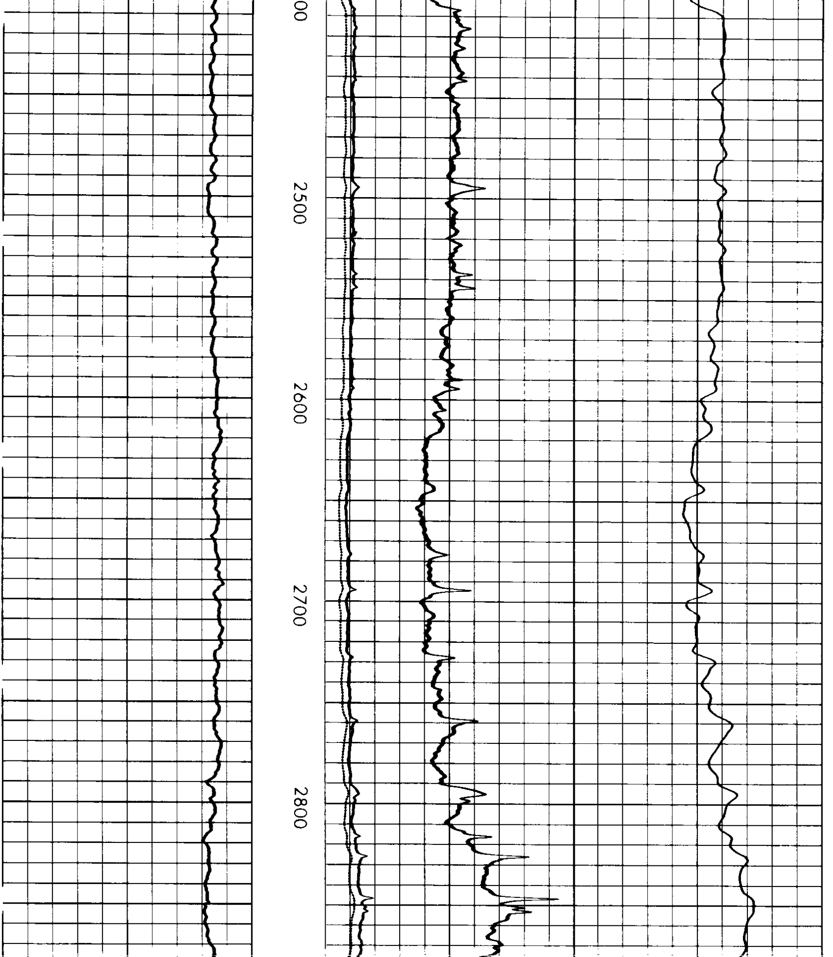
POTENTIAL MILLIVOLTS	RESISTIVITY OHMS M²/M	CONDUCTIVITY M MHOS/M
– → 10 ← +	0 SHALLOW GUARD 30	1000 DEEP INDUCTION 0
Rmf ________ at ________ °F.	0 O.S. 300	2000 O.S. 1000
	0 AMPLIFIED GUARD 6	
	0 DEEP INDUCTION 30	
	0 O.S. 300	

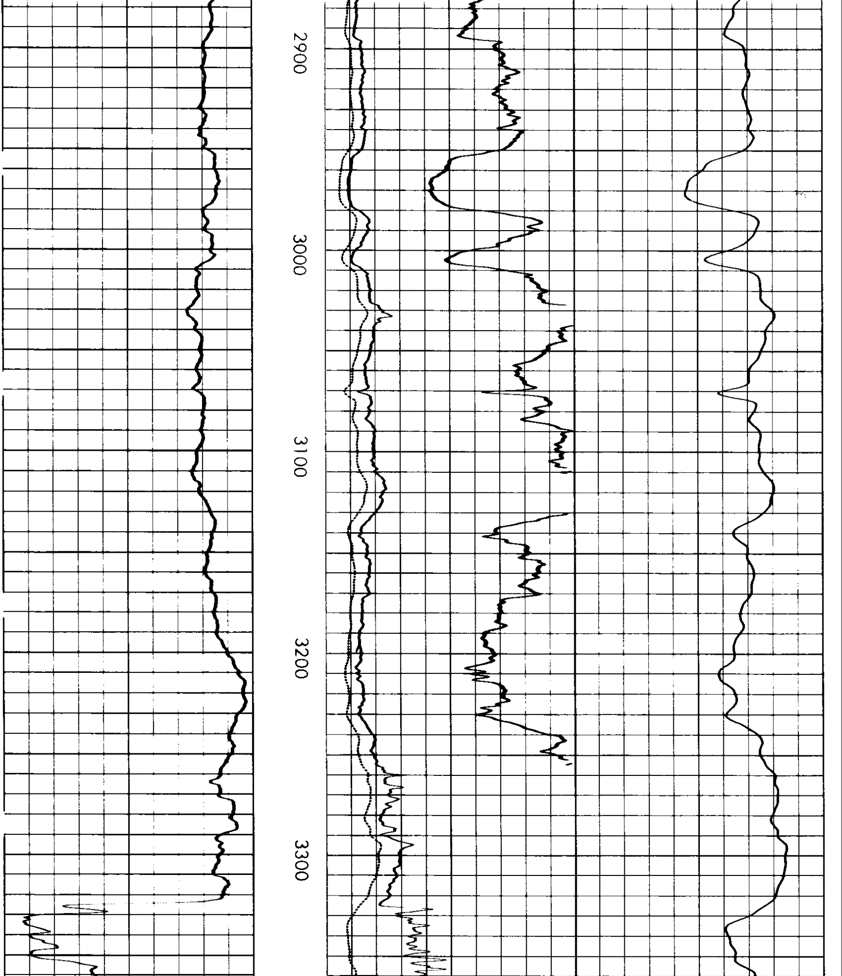


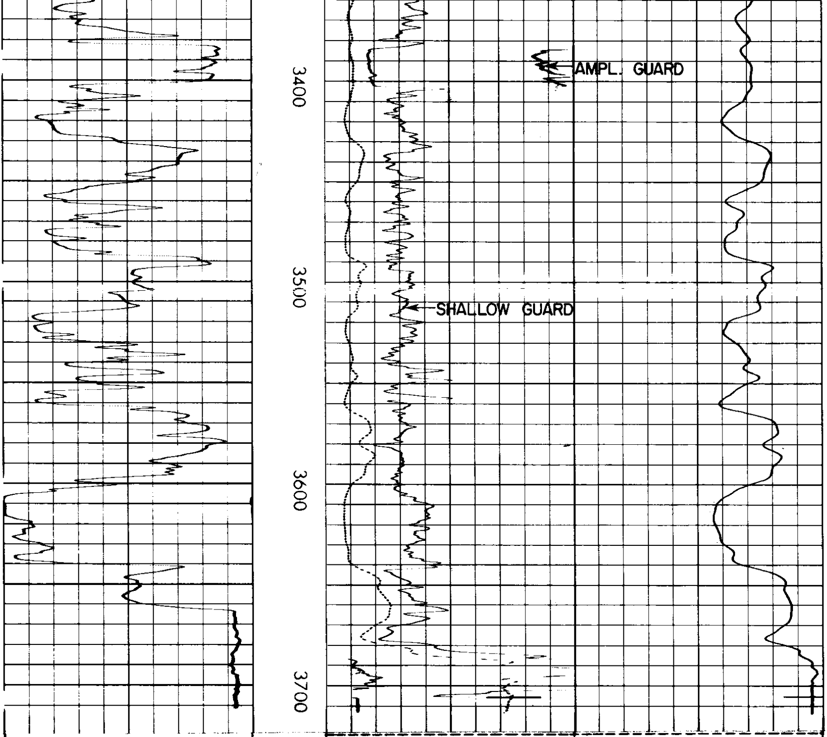












Rmf 2.21 at 124 °F.

− → 10 ← +

POTENTIAL MILLIVOLTS

0 DEEP INDUCTION 30

0 O.S. 300

0 AMPLIFIED GUARD 6

0 SHALLOW GUARD 30

0 O.S. 300

RESISTIVITY OHMS M^2/M

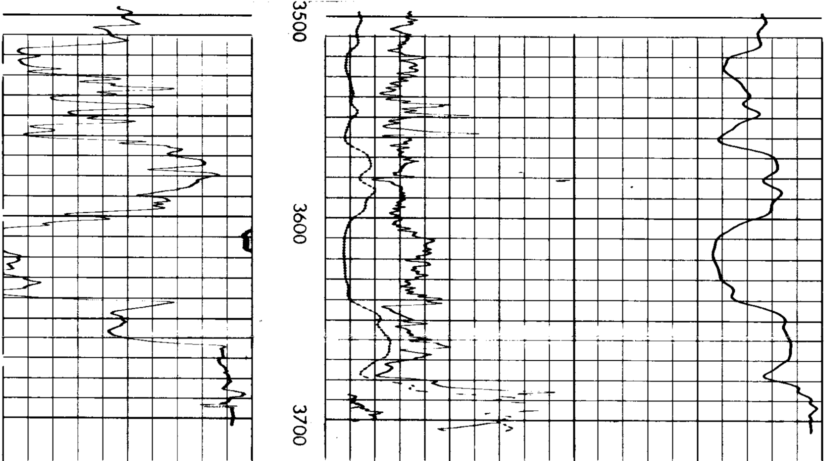
1000 DEEP INDUCTION 0

2000 O.S. 1000

CONDUCTIVITY M MHOS/M

REICHHOLD ENERGY CORPORATION
COLUMBIA COUNTY 13 2
MIST NEHALEM BASIN
COLUMBIA COUNTY, OREGON

T.D. LOGGED 3707
T.D. DRILLER 3709
T.D. WELEX 3709
ELEV: K.B. 1031.33 G.L. 1020.83

REPEAT SECTION