Welex

2"=100'

DUAL INDUCTION GUARD LOG

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY 32-10
FIELD MIST
County COLUMBIA State ORE.

COMPANY REICHHOLD ENERGY CORPORATION

WELL COLUMBIA COUNTY 32-10

FIELD MIST

COUNTY COLUMBIA STATE OREGON

Location 2181.42' SOUTH AND 1744.83 WEST FROM THE NORTHEAST CORNER OF:

Sec. 10 Twp. 6N Rge. 5W

Other Services: C/AVL GAMMA

Permanent Datum G.L. Elev. 803.3

Log Measured From K.B. OR 16.5 Ft. Above Perm. Datum

Drilling Measured From K.B.

Elev.: K.B. 819.8
D.F.
G.L. 803.3

Date	9-21-81	10-30-81		
Run No.	ONE	TWO		
Depth—Driller	2797	7808		
Depth—Welex	2792	7806		
Btm. Log Inter.	2790	7806		
Top Log Inter.	419	2794		
Casing—Driller	13 3/8 @ 419	8 5/8@2794	@	@
Casing—Welex	419	2794		
Bit Size	12 1/4	7 7/8		
Type Fluid in Hole	LIGNOSULF	GEL/LIGNITE LIGNO		
Dens. I Visc.	9.6 I 67	10.4 I 53	I	I
pH I Fluid Loss	2.1 I 60 ml	11.5 I 8.0 ml	I ml	I ml
Source of Sample	CIRCULATED	CIRCULATED		
R_m @ Meas. Temp.	2.9 @ 67 °F	5.0 @ 70 °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	21. @ 60 °F	1.2 @ 55 °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	3.6 @ 58 °F	1.9 @ 55 °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	MEASURED	I	I
R_m @ BHT	1.68 @ 115 °F	2.65 @ 132 F	@ °F	@ °F
Time Since Circ.	2 1/2 HOURS	2 HOURS		
Max. Rec. Temp.	115 °F @ BHT	132 F @ BHT	°F @	°F @
Equip. I Location	8586 I WOOD.	2876 I WOODLAND	I	I
Recorded By	J. VORHEES	J. PARMELEE, A. POIRIER		
Witnessed By	W. BRUER	W. BRUER		

Fold Here

Service Ticket No. Remarks: SERVICE TICKET NOS. RUN ONE: 054965, RUN TWO: 057067.

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}	ONE	TWO
R_m @ BHT	1.68 @ 115 °F	2.65 @ 132 °F
R_{mf} BHT	1.09 @ 115 °F	0.50 @ 132 °F
R_{mc} BHT	1.81 @ 115 °F	0.79 @ 132 °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

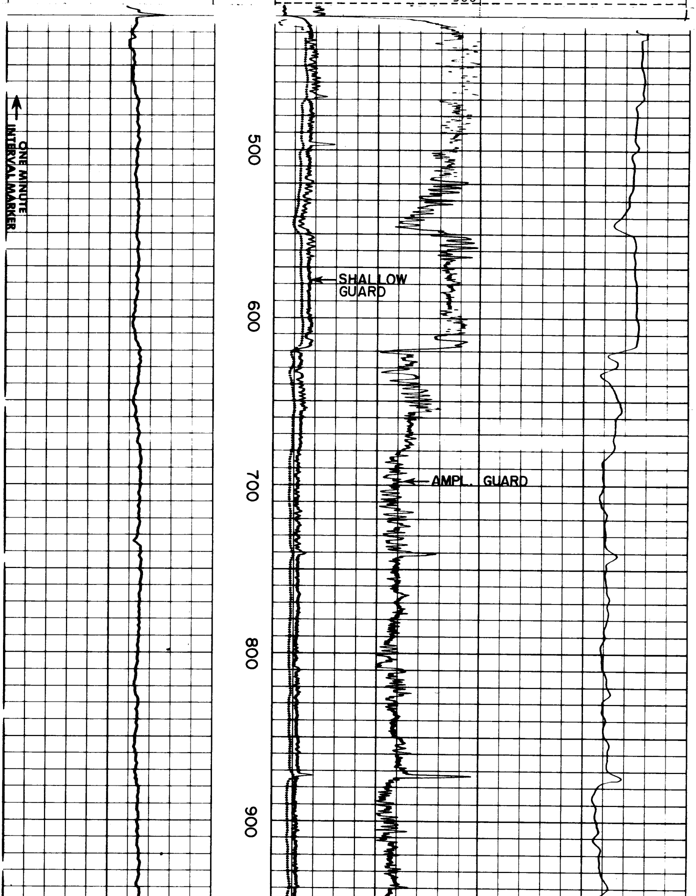
Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	DIG NO. 6		2 STAR	
TWO	DIG NO. 98853			

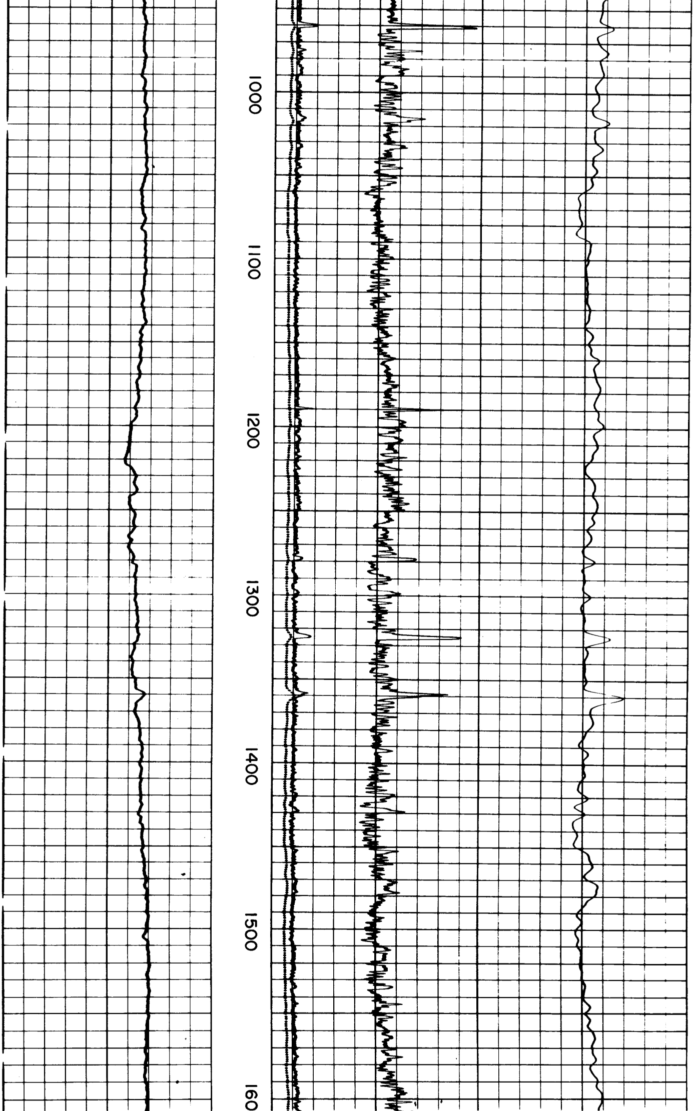
R.M.C.

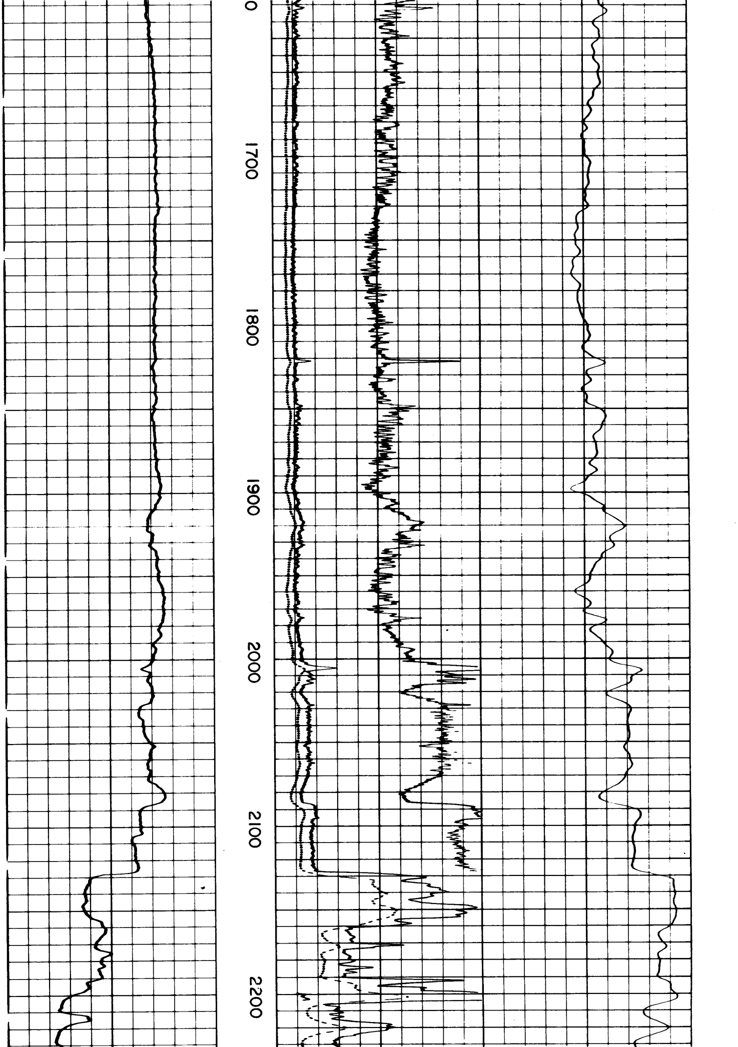
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations 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.

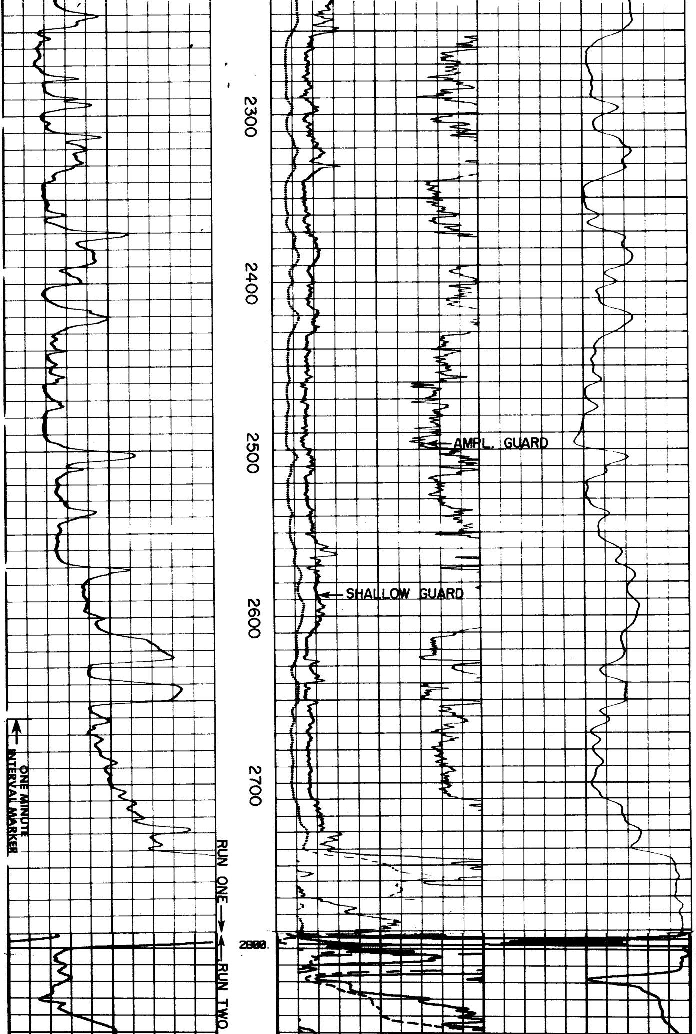
2" = 100'

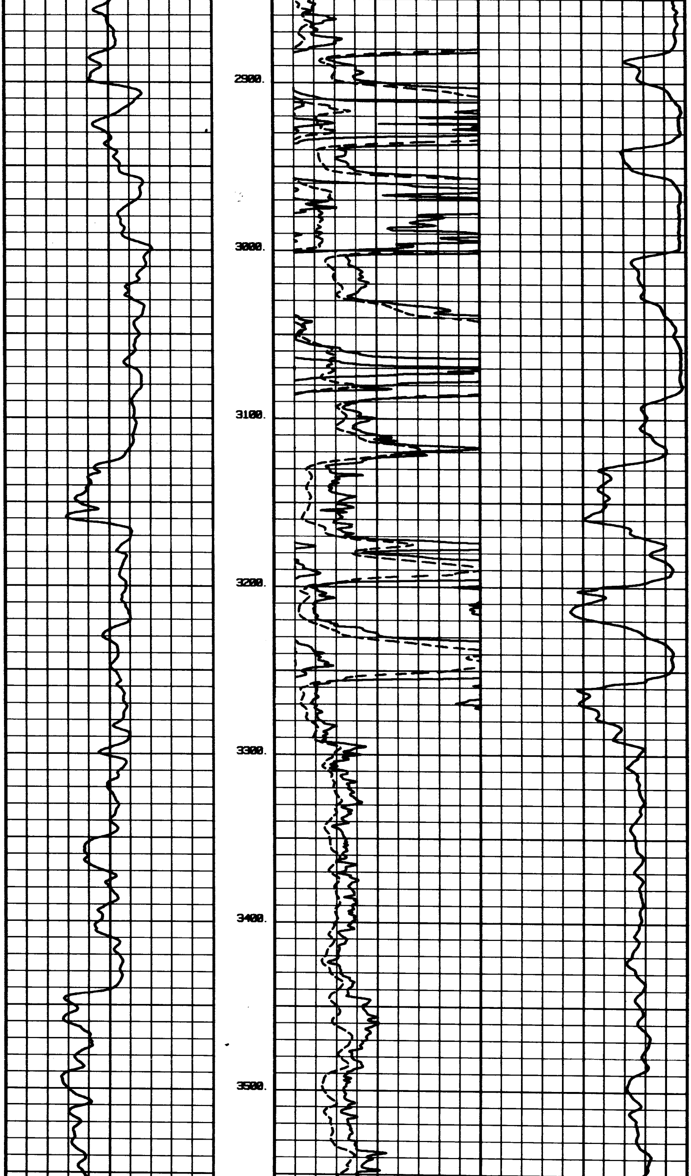
POTENTIAL MILLIVOLTS	RESISTIVITY OHMS M^2/M	CONDUCTIVITY M MHOS/M
— — 10 —— +	0 SHALLOW GUARD 30	1000 DEEP INDUCTION 0
Rmf ________ at ________ °F	0 O. S. 300	2000 O. S. 1000
	0 AMPLIFIED GUARD 6	
	0 DEEP INDUCTION 30	
	0 O. S. 300	

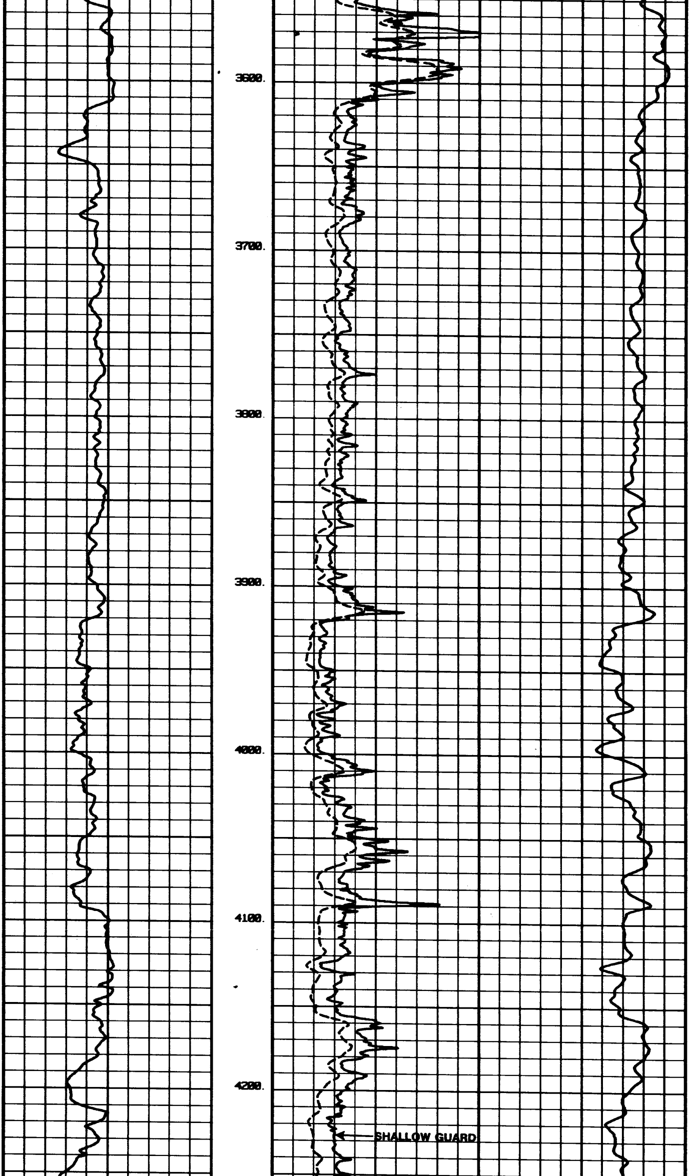


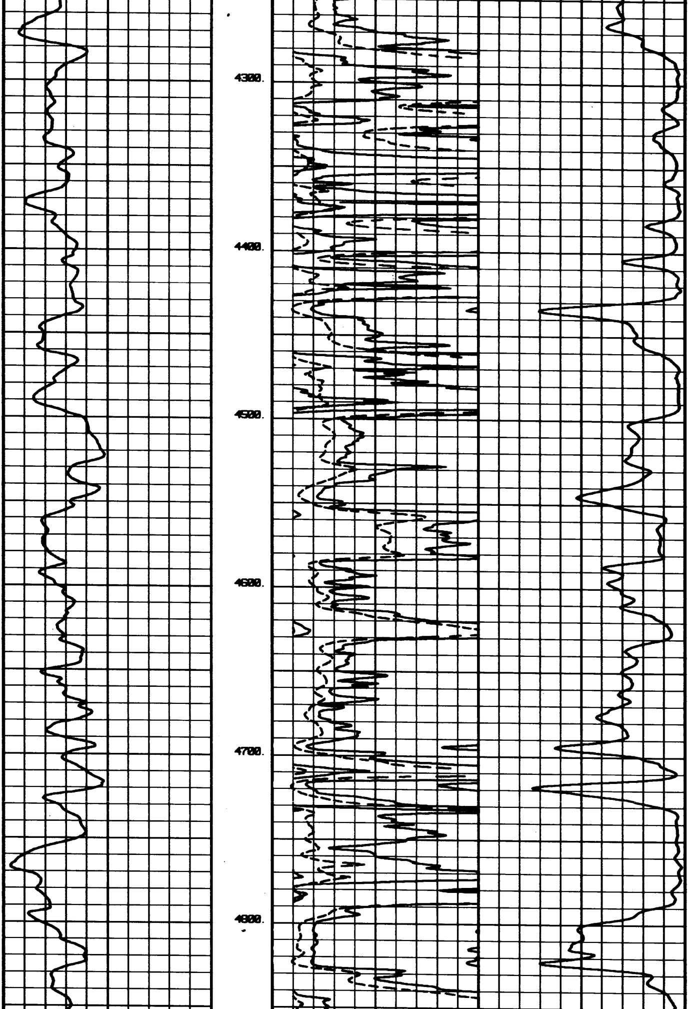


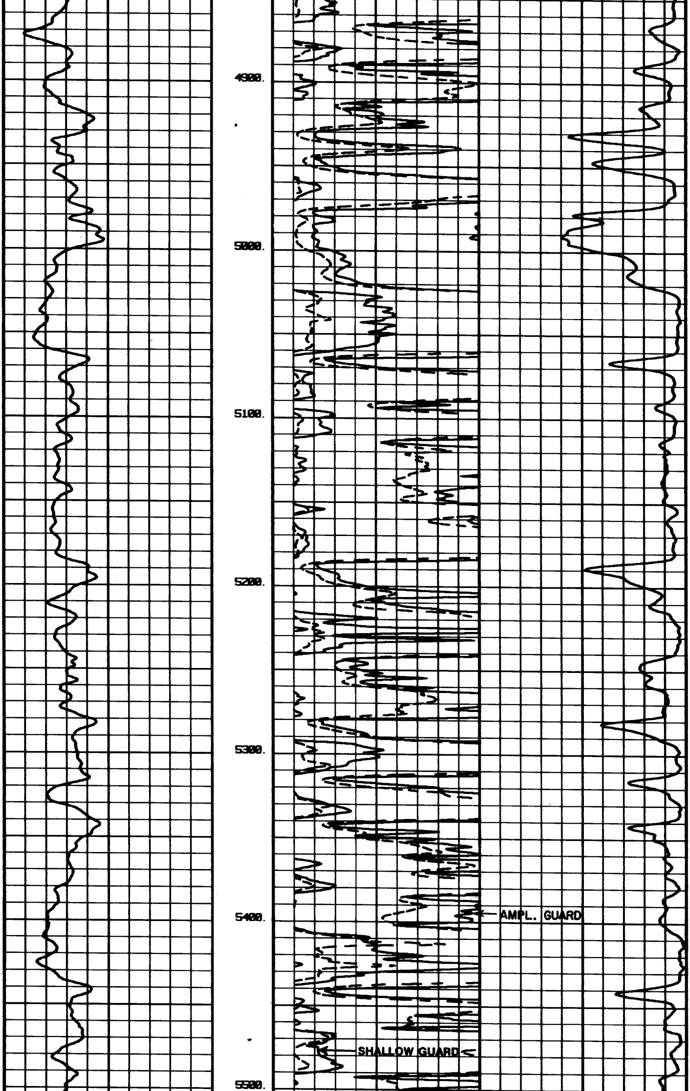


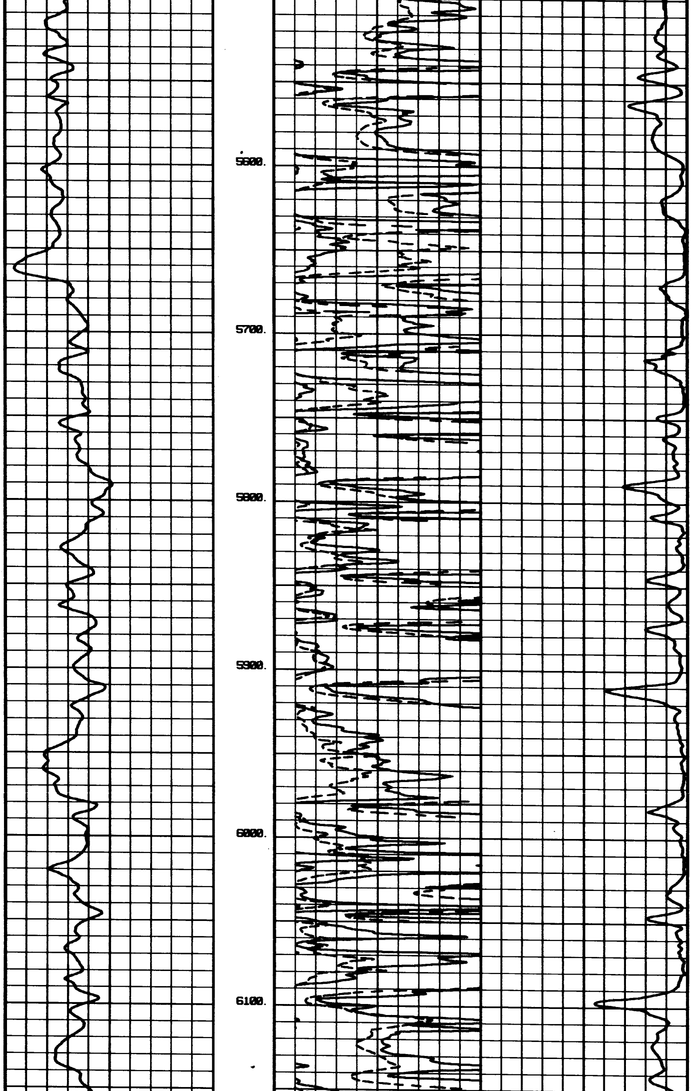


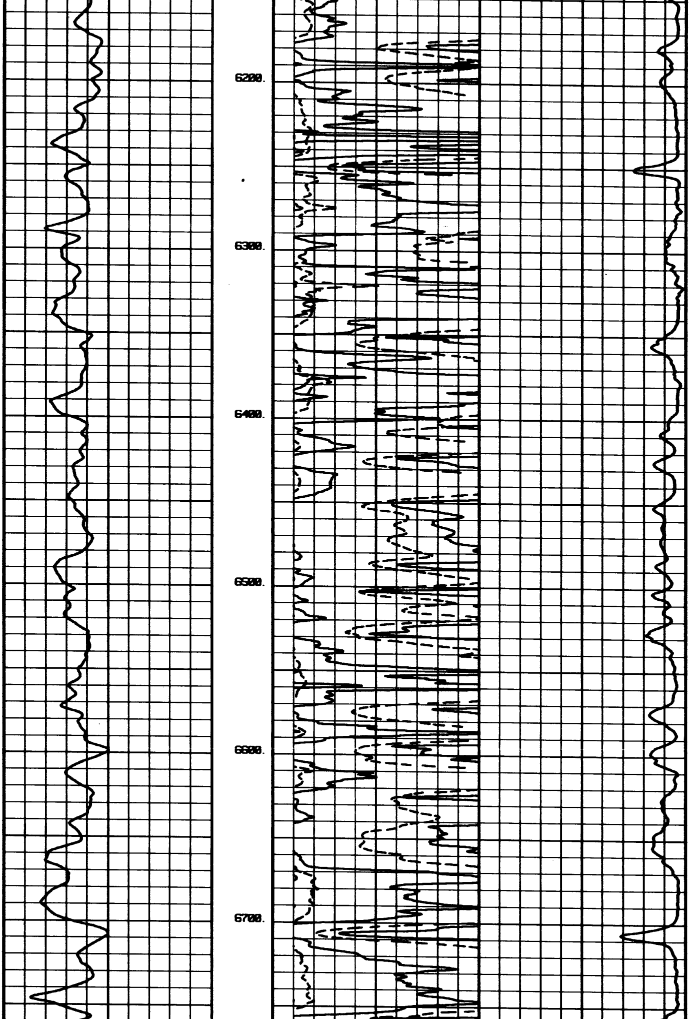


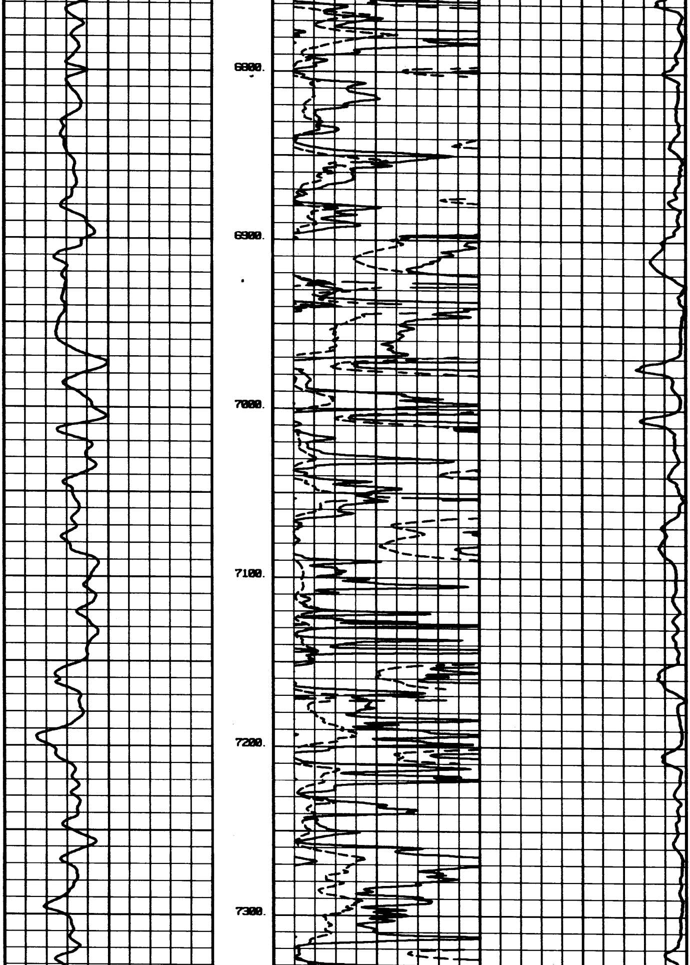


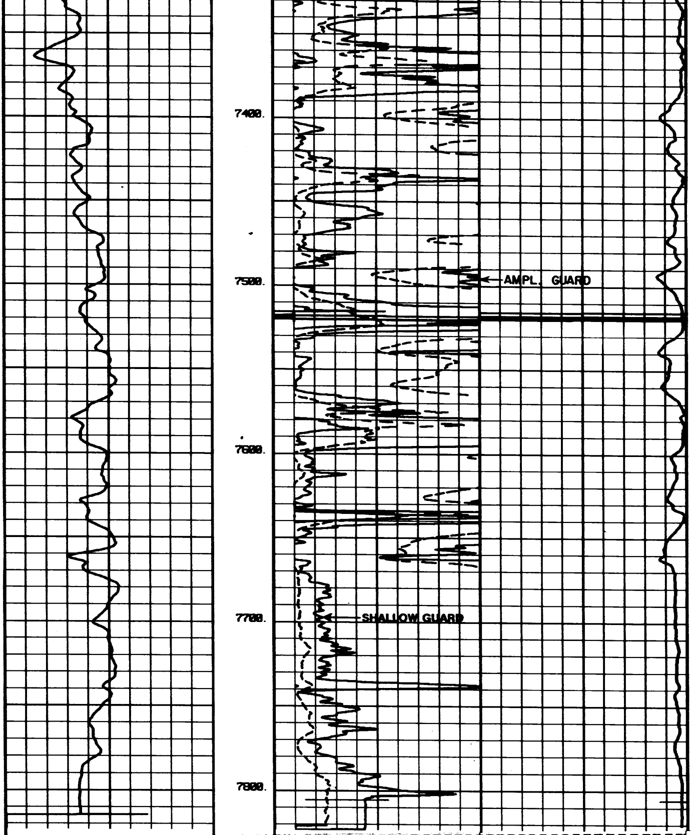










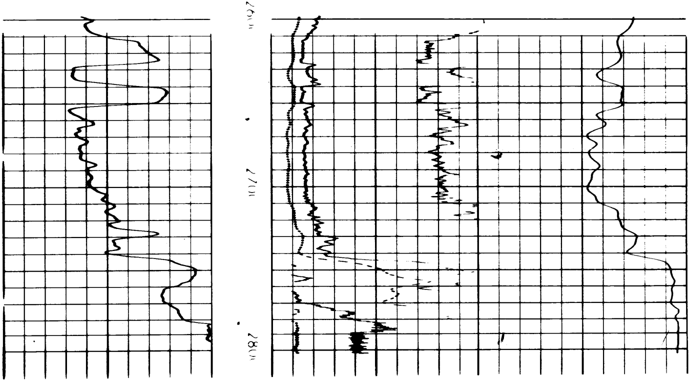


	0 **DEEP INDUCTION** 30	
	0 **O. S.** 300	
Rmf .50 **at** 132 **°F**		
	0 **SHALLOW GUARD** 30	
	0 **O. S.** 300	500 **DEEP INDUCTION** 0
– – 10 – +	0 **AMPLIFIED GUARD** 6	1000 **O. S.** 500
POTENTIAL MILLIVOLTS	**RESISTIVITY OHMS M^2/M**	**CONDUCTIVITY M MHOS/M**

REICHHOLD ENERGY CORPORATION
COLUMBIA COUNTY 32-10
MIST
COLUMBIA COUNTY, OREGON

T.D. LOGGED 7806
T.D. DRILLER 7808
T.D. WELEX 7806

ELEV. GL. 803.3 KB. 819.8

REPEAT SECTION RUN ONE