



**INDUCTION VELOCITY LOG**

COMPANY **REICHOLD ENERGY**  
 WELL **COLUMBIA COUNTY 14-33**  
 FIELD **MIST**  
 COUNTY **COLUMBIA** STATE **OREGON**  
 Location **622' E S 41 T 08 N**  
**FROM THE S.W. CORNER**  
**OF**  
**70975 S.G.**  
 Other Services: **DIP**  
 Sec. **33** Twp. **31N** Rge. **5W** Dist. **103E**  
 Perm. Datum: **SEA** Elev. **344.41** Elev. **KA 373.81**  
 Log Measured From: **KB** Elev. **DF 77.11** Elev. **GL 74.41**  
 Date: **4-14-83**  
 Run No. **046**  
 Depth—Driller: **3765**  
 Depth—Welex: **3705**  
 Btm. Log/Iner: **313C**  
 Top Log/Iner: **313**  
 Casing—Driller: **8 7/8 @ 333**  
 Casing—Welex: **8 7/8 @ 333**  
 Bit Size: **7 7/8**  
 Type Fluid in Hole: **CELLULOSE**  
 Dens. 1/Visc: **9.9 / 150**  
 pH 1/Fluid Loss: **9.0 / 15.2 ml**  
 Source of Sample: **DECONTAMINATED**  
 R<sub>m</sub> @ Meas. Temp: **1.8 @ 60 F**  
 R<sub>xc</sub> @ Meas. Temp: **2.1 @ 38 F**  
 Source: R<sub>m</sub> / R<sub>xc</sub>: **2.7 @ 38 F**  
 R<sub>m</sub> @ BHT: **1.14 @ 95 F**  
 R<sub>xc</sub> @ BHT: **84 @ 95 F**  
 Time Since Circ: **3 HOURS**  
 Max. Rec. Temp: **95 F @ 827**  
 Equip. Location: **2880 INDIANA**  
 Recorded By: **PARKMEIER**  
 Witnessed By: **M.R. ALKER**

Fold Here

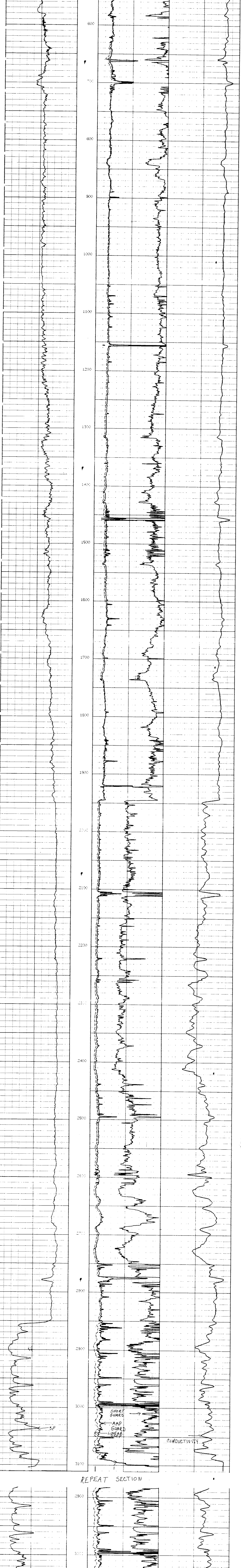
Service Ticket No. **154452** Remarks: **SOFTWARE VERSION 4.0**

Change in Mud Type or Additional Samples		Type Log	Depth	SCALE CHANGES	
Date	Sample No			Scale Up Hole	Scale Down Hole

Dens.	Visc	ph	Fluid Loss	EQUIPMENT DATA		
				Run No.	Tool Type and No.	Pad Type
				<b>ONE</b>	<b>9854 DIB</b>	
				<b>ONE</b>	<b>2049 S.G.</b>	<b>CENTRALIZED</b>
				<b>ONE</b>	<b>70975 AUC</b>	

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 willful misconduct, for any loss, damages, or expenses, resulting from the use thereof.

POTENTIAL MILLIVOLTS		RESISTIVITY OHMS M2/M			
0	100	0	30	1000	0
		0.5	300	2000	0.5
		AMP GUARD			
		0	30		
		0	0.5	300	



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		0	0.5	300	

REPEAT SECTION