



**COMPENSATED  
ACOUSTIC VELOCITY  
LOG**

COMPANY REICHHOLD ENERGY CORPORATION  
COLUMBIA COUNTY  
FIELD MIST NEHALEM BASIN  
COUNTY COLUMBIA STATE OREGON  
WELL COLUMBIA COUNTY 14-2 REEFERED P11D  
LOCATION 330' NORTH & 546' EAST OF SOUTHWEST CORNER OF:  
COLUMBIA State DR.  
Elev: K.B. 1192.85 G.L. 1182.45

DATE 11-5-80  
DRLNG MEASUREMENT FROM K.B.  
LOG MEASURED FROM G.L.  
10.5ft. Above Perm. Datum  
Elev: K.B. 1192.85 G.L. 1182.45

Run No. 01E  
Depth—Other 3582  
Depth—Welex 3576  
Btm. Log Inter. 522  
Top Log Inter. 522  
Casing—Driller 7 @ 522  
Casing—Welex 522  
Bit Size 6.174  
Type Fluid in Hole LIQUID-SULF

Dens. Visc. 7.0 1.20  
R<sub>m</sub> @ Meas. Temp. 4.05 @ 71 F  
R<sub>sc</sub> @ Meas. Temp. 5.73 @ 71 F  
R<sub>sc</sub> @ Meas. Temp. 4.18 @ 52 F  
R<sub>sc</sub> @ Meas. Temp. 2.98 @ 53 F  
Source R<sub>sc</sub> MESSURED  
R<sub>m</sub> @ BHT 1.87 @ 130 F  
Time Since Circ. 1.12 HRS  
Max. Rec. Temp. 130 F @ BHT  
Equip. Location 8586 W/D  
Recorded By PARRIELEE  
Witnessed By BRUER

Service Ticket No 055095 Remarks:

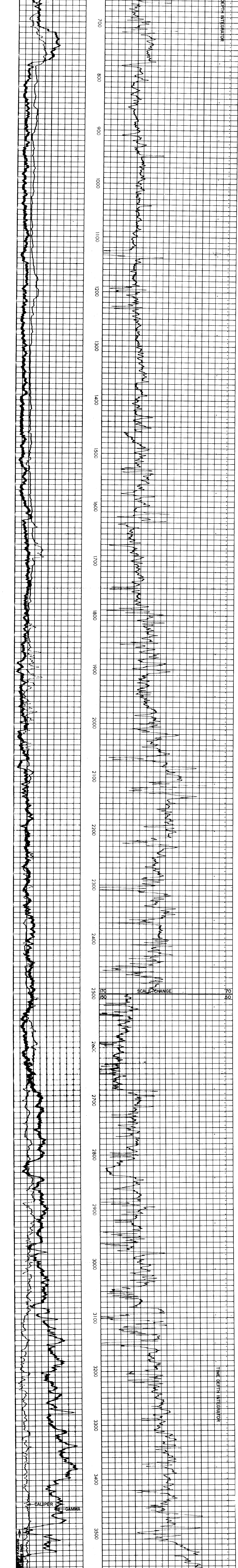
Change in Mud Type or Additional Samples		SCALE CHANGES			
Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole
		AVL	2500	170	70 150 50

EQUIPMENT DATA					
Run No.	Tool Type and No.	Pad Type	Tool Position	Other	
ONE	AVL 64257				
	GAMMA 29484				

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2" = 100'

GAMMA RADIATION INCREASES	TRAVEL TIME MICROSECONDS PER FT. T <sub>3R</sub> 3 <sub>R</sub>
CALIPER Average Diameter Inches 4 14	170 120 70



CALIPER Average Diameter Inches 4 14	TRAVEL TIME MICROSECONDS PER FT. T <sub>3R</sub> 3 <sub>R</sub> 150 100 50
GAMMA RADIATION INCREASES	