Welex

DUAL INDUCTION GUARD LOG

COMPANY
WELL
FIELD
County State

COMPANY Northwest Geothermal Corp
WELL Old Maid Flat #1
FIELD N.G.C (Old Maid Flat)
COUNTY Clackamas STATE Oregon

Location 2400' E. of W. line
600' N. of S. line
Sec. 15 Twp. 2S Rge. 8E

Other Services:
CAVL
CDL/G/N
Dr. FS
Surc
Temp

Permanent Datum GL Elev. 2750'
Log Measured From KB 10 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 2760'
D.F. ——
G.L. 2750'

Date	8-16-78			
Run No.	ONE			
Depth—Driller	4002'			
Depth—Welex	4002'			
Btm. Log Inter.	4000'			
Top Log Inter.	162			
Casing—Driller	8⅝" @ [illegible]'	@	@	@
Casing—Welex	162			
Bit Size	7⅞"			
Type Fluid in Hole	Quik Gel CC-16			
Dens. | Visc.	98 | 40	|	|	|
pH | Fluid Loss	10.0 | [illegible] ml	| ml	| ml	| ml
Source of Sample	Pit			
R_m @ Meas. Temp.	6.15 @ 60 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	5.92 @ 60 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	6.28 @ 60 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	M | M	|	|	|
R_m @ BHT	2.22 @ 166 °F	@ °F	@ °F	@ °F
Time Since Circ.	24 Hrs ±			
Max. Rec. Temp.	166 °F @ BHT	°F @	°F @	°F @
Equip. | Location	9430 | WID.	|	|	|
Recorded By	Mr. Doue			
Witnessed By	Mr. Colvert			

Fold Here

Change in Mud Type or Additional Samples

Date | Sample No.	|	|
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.	|	|
ph | Fluid Loss	| ml	|
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}	|	|
R_m @ BHT	2.22 @ 166 °F	@ °F
R_{mf} BHT	2.13 @ 166 °F	@ °F
R_{mc} BHT	2.26 @ 166 °F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole
None			

EQUIPMENT DATA

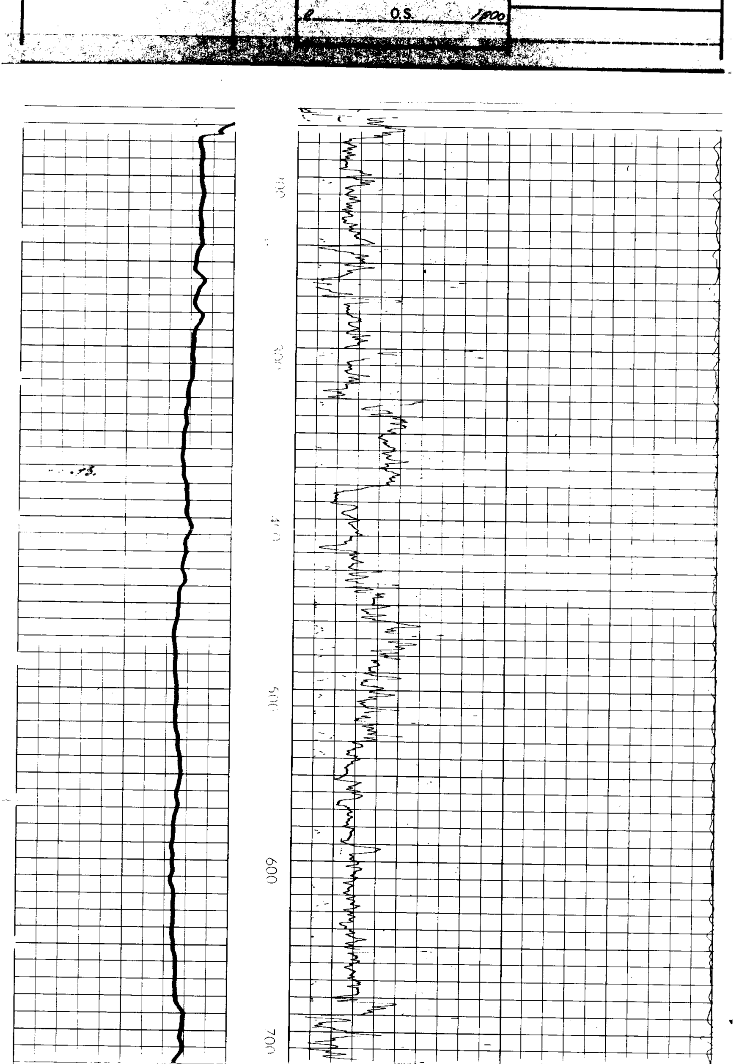
Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	DIG 27674		CENT	

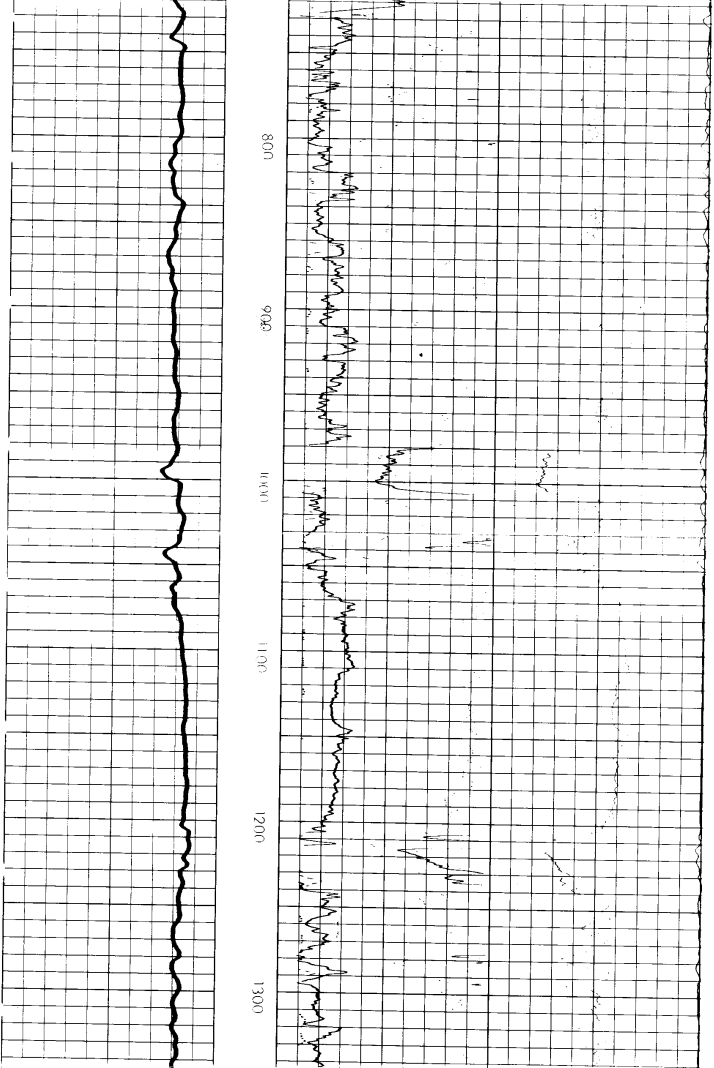
Service Ticket No. 006981 Remarks:

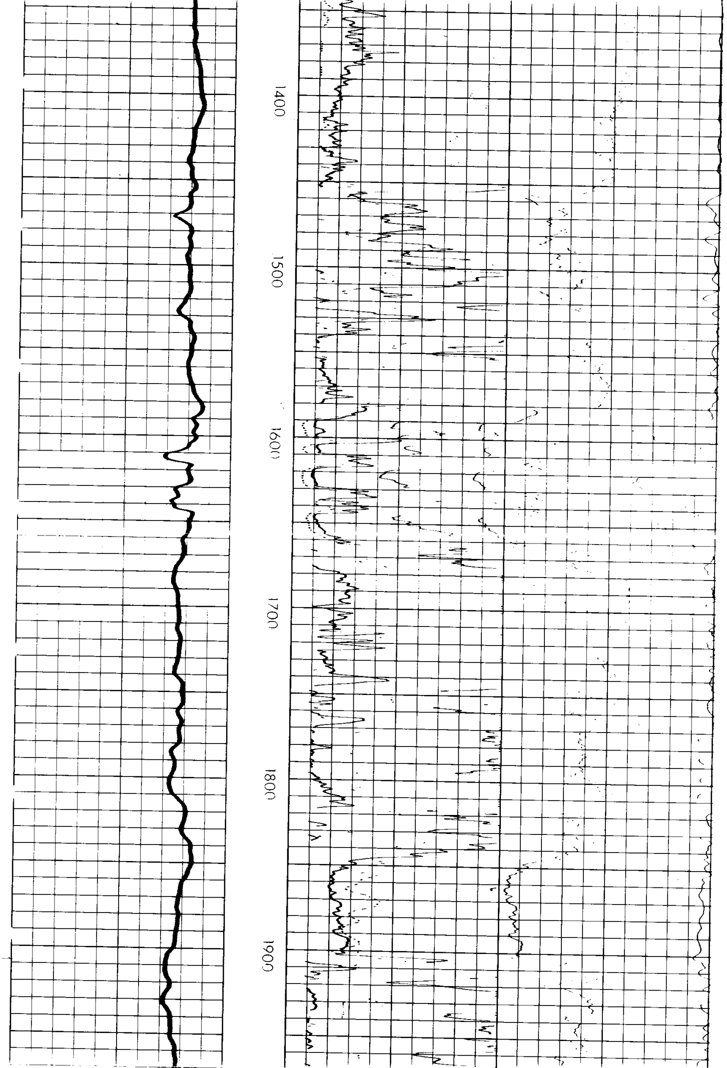
Welex does not guarantee [illegible] recommendations which may be given by Welex personnel or which may appear [illegible] that Welex is not responsible except where due to gross negligence [illegible]

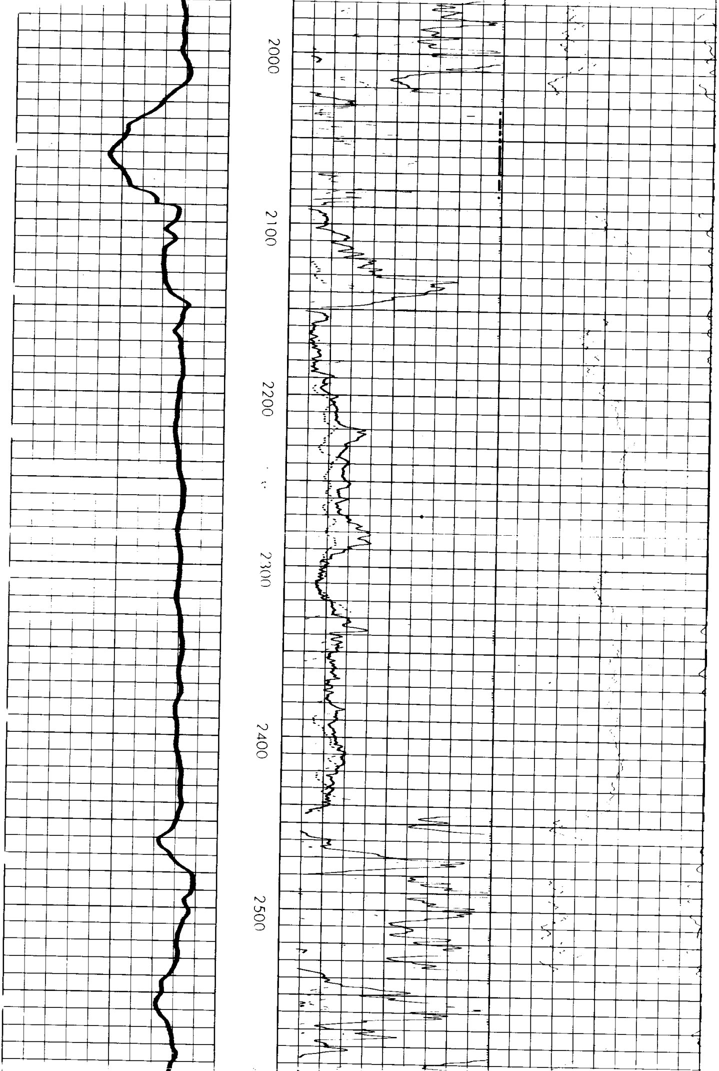
LINEAR CORRELATION LOG ONLY

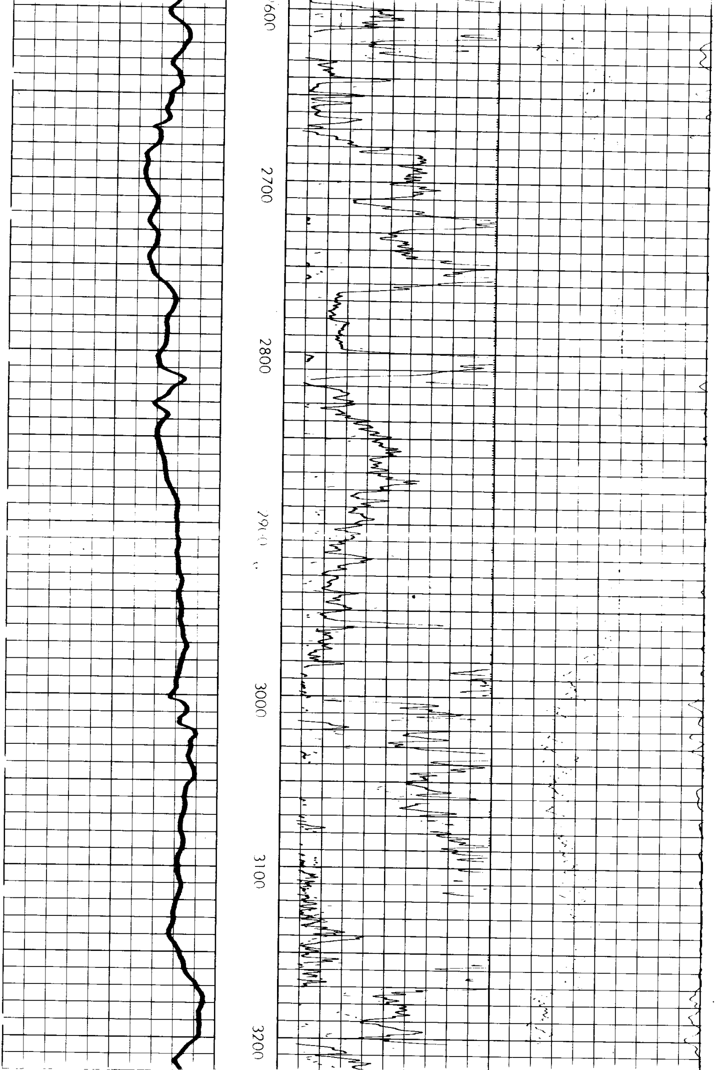
POTENTIAL MILLIVOLTS	RESISTIVITY OHMS M²/M	CONDUCTIVITY M MHOS/M
— 10 +	0 GUARD 100	500 DEEP INDUCTION 0
	0 O.S. 100	1000 O.S. 500
Rmf 2.13 at 166 °F.	0 AMPLIFIED GUARD 20	
	0 DEEP INDUCTION 100	

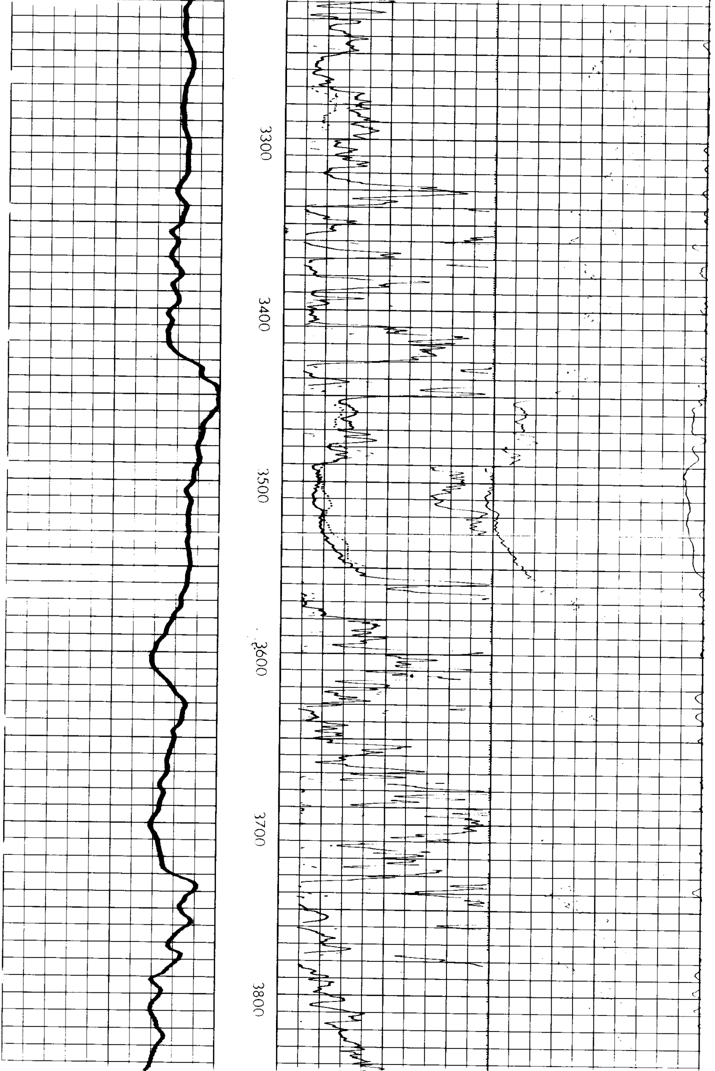


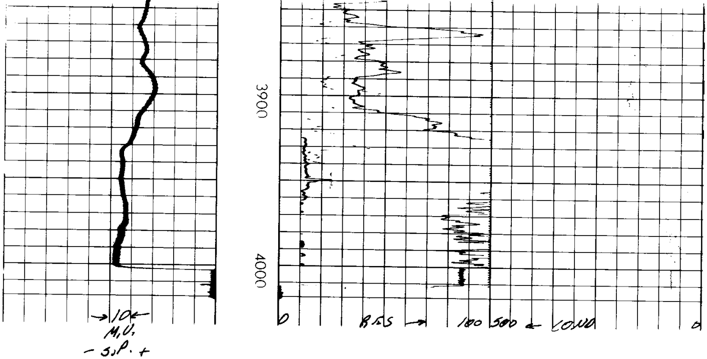


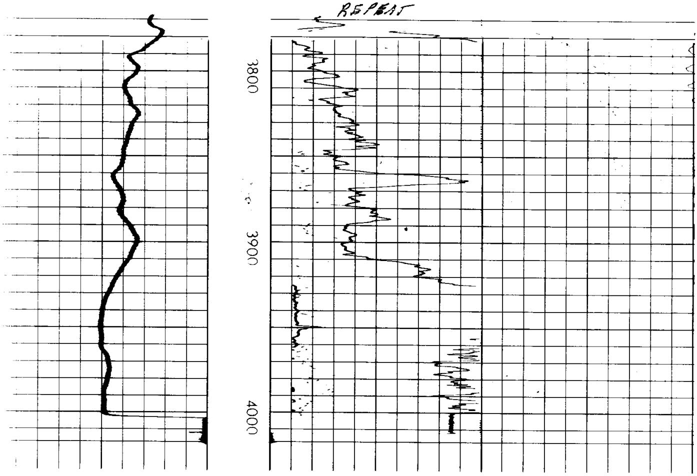










LINEAR CORRELATION LOG