GL02998-30f12

Schlumberger INDUCTION-ELECTRICAL LOG

COUNTY MARICOPA
FIELD or LOCATION WILDCAT
WELL POWER RANCHES NO. 1
COMPANY GEOTHERMAL K.S.

COMPANY GEOTHERMAL KINETICS SYSTEMS CORP.

WELL POWER RANCHES NO. 1

FIELD WILDCAT

COUNTY MARICOPA STATE ARIZONA

LOCATION 1980 FNL 660 FWL
SE/4 C WESE
Sec. 1 Twp. 2S Rge. 6E

Other Services:
FDC/GR
HTT

Permanent Datum: GL, Elev. 1338
Log Measured From KB, 20 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 1358
D.F. --
G.L. 1338

Date	2-12-73				
Run No.	ONE				
Depth—Driller	3118				
Depth—Logger	3118				
Btm. Log Interval	3117				
Top Log Interval	204				
Casing—Driller	20 @ 204	@			
Casing—Logger	204				
Bit Size	17-1/2				
Type Fluid in Hole	S.G.M.				
Dens. / Visc.	10.5 / 48				
pH / Fluid Loss	6.4 / -- ml		ml	ml	ml
Source of Sample	--				
R_m @ Meas. Temp.	.116 @ 60 °F	@ °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	.106 @ 60 °F	@ °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	-- @ -- °F	@ °F	@ °F	@ °F	@ °F
Source: R_{mf} / R_{mc}	M / --				
R_m @ BHT	.064 @116 °F	@ °F	@ °F	@ °F	
Time Since Circ.	4 HOURS				
Max. Rec. Temp.	116 °F	°F	°F	°F	
Equip. / Location	7656 / FARM				
Recorded By	ELLIS				
Witnessed By	AUSTIN				

Borehole reference data were furnished by the customer.

The w

FOLD HERE

Reproduced By

Electrical Log Services

MIDLAND, TEXAS 79701

REFERENCE K 2641R

ELSI

9 COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

API NO.

CASING RECORD

PERFORATING RECORD

ACID. FRAC SHOT

I P

GOR GR

T P C P

REMARKS:

CHANGES IN MUD TYPE OR ADDITIONAL SAMPLES

	Sample No.			
pth - Driller				
e Fluid in Hole				
s. / Visc.				
Fluid Loss	ml		ml	
rce of Sample				
m @ Meas. Temp.	@ °F		@ °F	
mf @ Meas. Temp.	@ °F		@ °F	
mc @ Meas. Temp.	@ °F		@ °F	
ource: R_{mf} / R_{mc}				
m @ BHT	@ °F		@ °F	
mf @ BHT	@ °F		@ °F	
mc @ BHT	@ °F		@ °F	

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

No.	ONE		
el No.	N 575		
t. No.	F 384		
de No.	M 605		
n. Panel No.	B 237		
. Cart. No.	--		

REMARKS

Service Order No. - 74231

API Serial No. -

pth - Driller									
pe Fluid in Hole									
s.	Visc.								
	Fluid Loss		ml		ml				
rce of Sample									
m @ Meas. Temp.		@ °F		@ °F					
mf @ Meas. Temp.		@ °F		@ °F					
mc @ Meas. Temp.		@ °F		@ °F					
ource: Rmf	Rmc								
m @ BHT		@ °F		@ °F					
mf @ BHT		@ °F		@ °F					
nc @ BHT		@ °F		@ °F					

UIPMENT DATA	
No.	ONE
el No.	N 575
r. No.	F 384
de No.	M 605
n. Panel No.	B 237
. Cart. No.	--
. Panel No.	--
No.	--
nt. Device	USED
nd'off - Inches	2.0"
e Const - Sec.	--
ed - F.P.M.	--
BR	2.0

REMARKS

Service Order No. - 74231

API Serial No. -

- [X] Surface determined sonde errors used for 6FF40.
- [ ] 6FF40 sonde error corrected for ____ inch borehole signal at Rm =
- [ ] 6FF40 zero set in hole at depth of ____ feet.

LIBRATION DATA

LIBRATION:	BACKGND. CPS.	SOURCE CPS.	GALV. INCR. DIVISION	SENS. TAP (FOR CAL.)	SENS. TAP (RECORD)	TIME CONST.
AMMA RAY:						

SPONTANEOUS-POTENTIAL
MILLIVOLTS
− 10 MV +

DEPTHS

CONDUCTIVITY
MILLIMHOS/M = 1000 / OHMS. M²/M

6FF40 INDUCTION
400 200 0
600 400

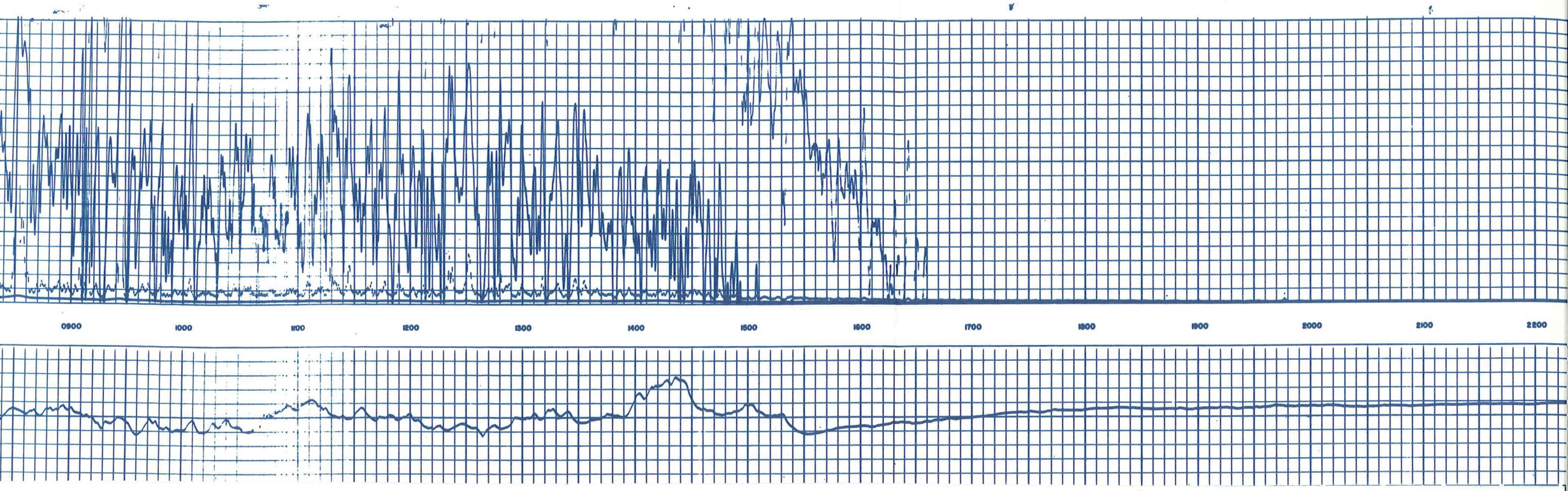
RESISTIVITY
OHMS. M²/M

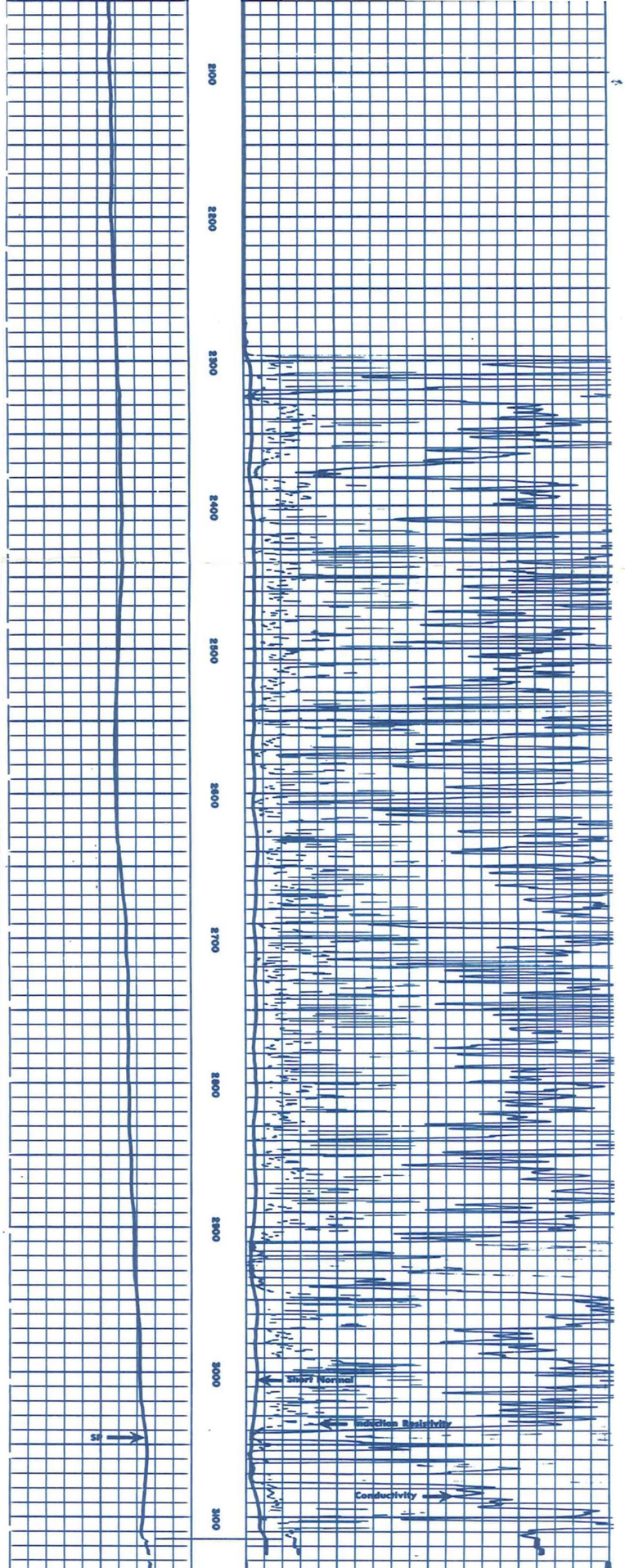
A - 16" - M SHORT NORMAL
0 50
0 500

INDUCTION
0 50

Casing 1

0200
0300
0400
0500
0600
0700
0800
0900

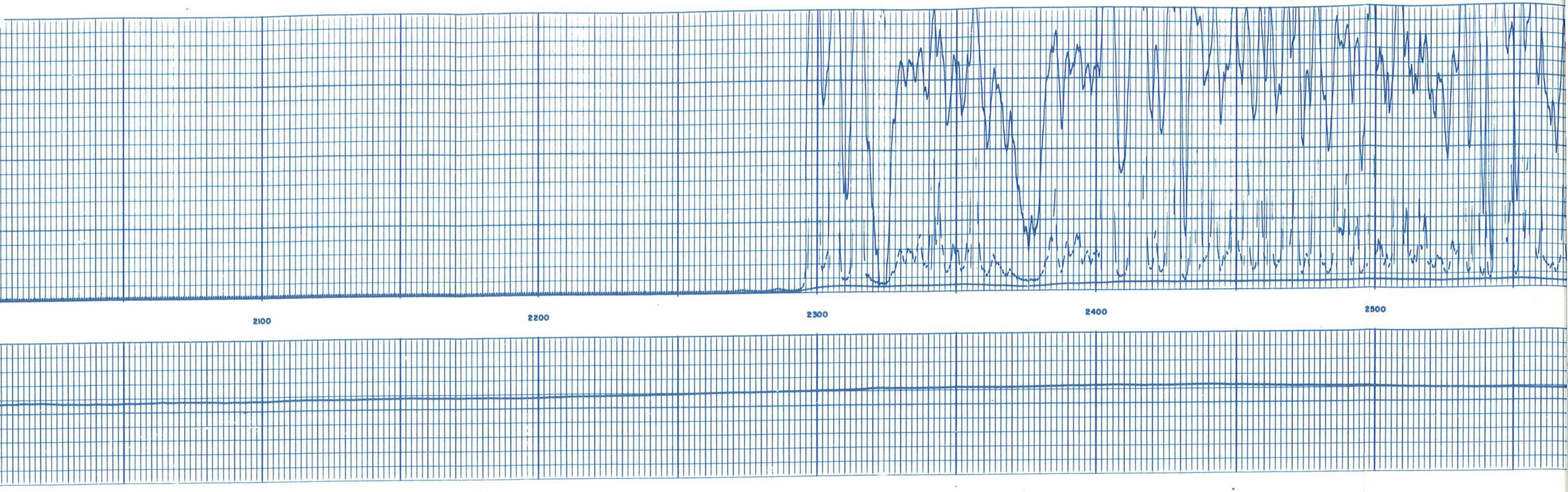

0900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200

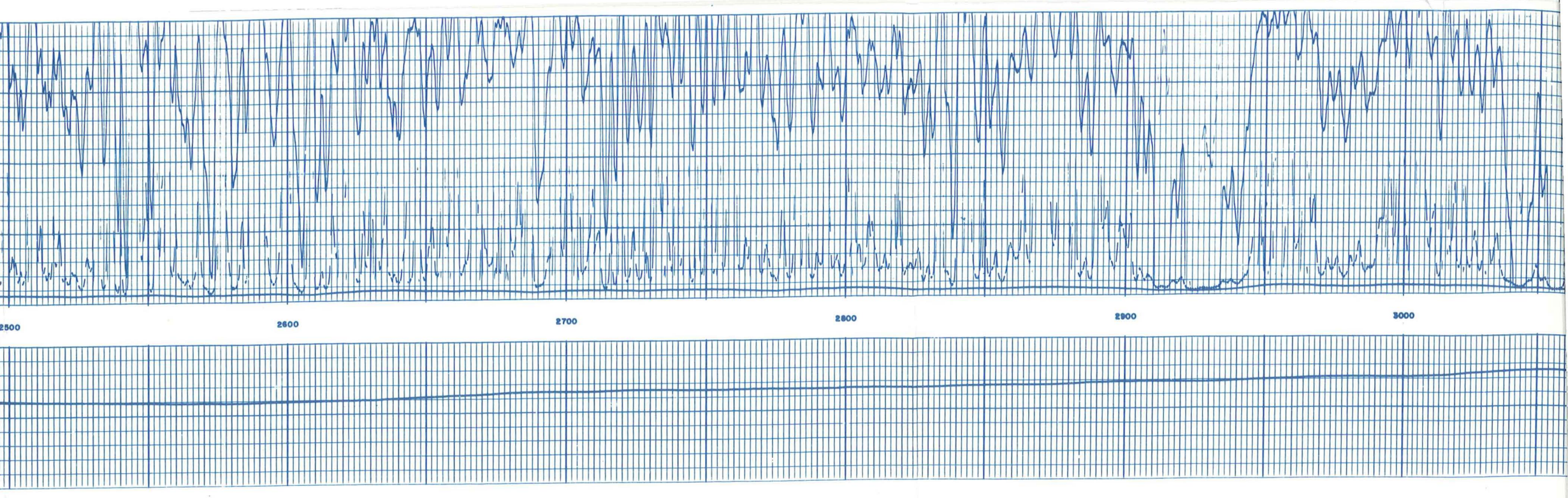


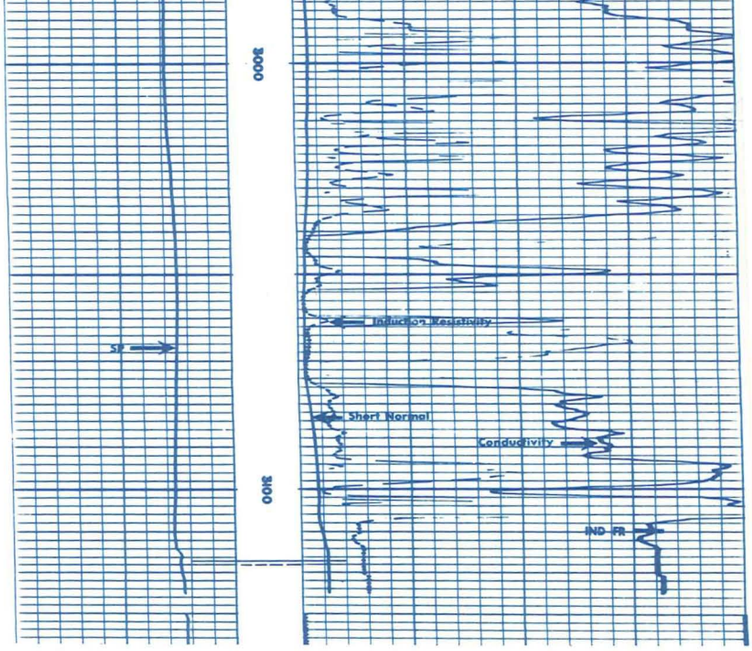
DETAIL LOG
5" = 100'

SPONTANEOUS-POTENTIAL MILLIVOLTS	DEPTHS	CONDUCTIVITY MILLIMHOS/M = 1000 / OHMS. M²/M
$-\frac{10}{MV}+$		6FF40 INDUCTION 400 200 0 600 400
		RESISTIVITY OHMS. M²/M
		A-16"-M SHORT NORMAL 0 50 0 500
		INDUCTION 0 50 0 500

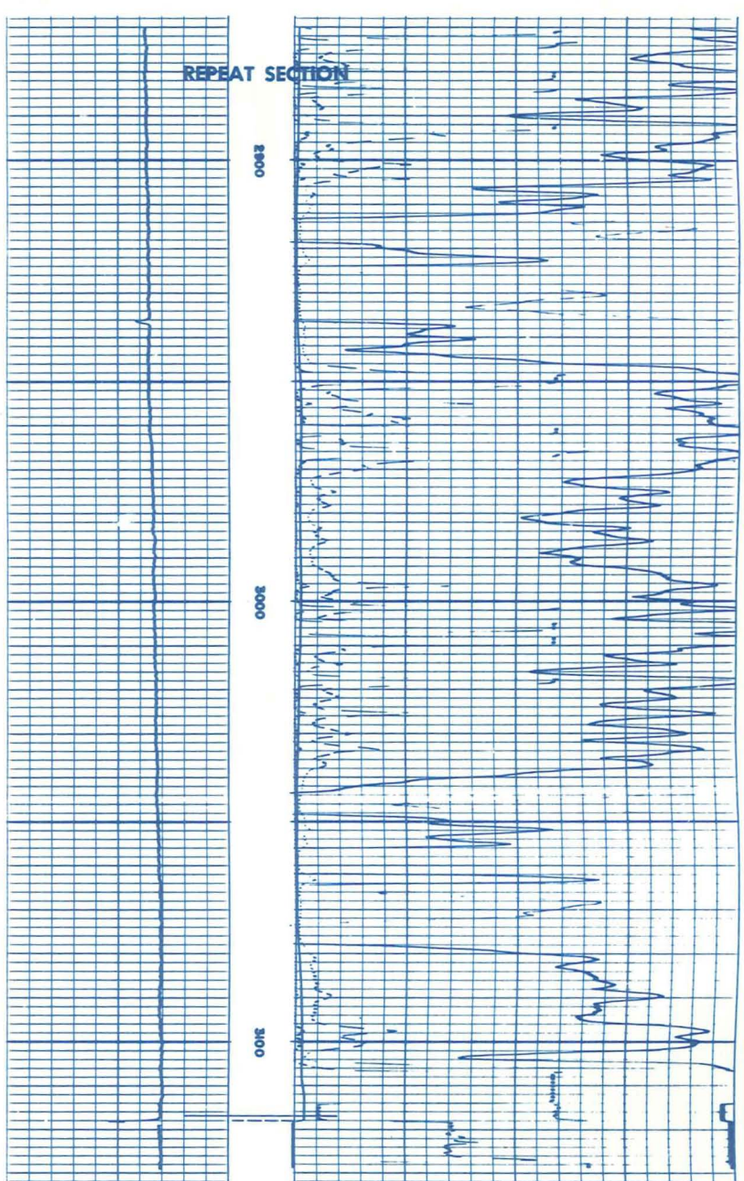

RESISTIVITY
OHMS. M²/M
A - 16" - M
SHORT NORMAL
50
500
0
INDUCTION
50
500
0
1600
1700
1800
1900
2000


2100
2200
2300
2400
2500


2500
2600
2700
2800
2900
3000



REPEAT SECTION



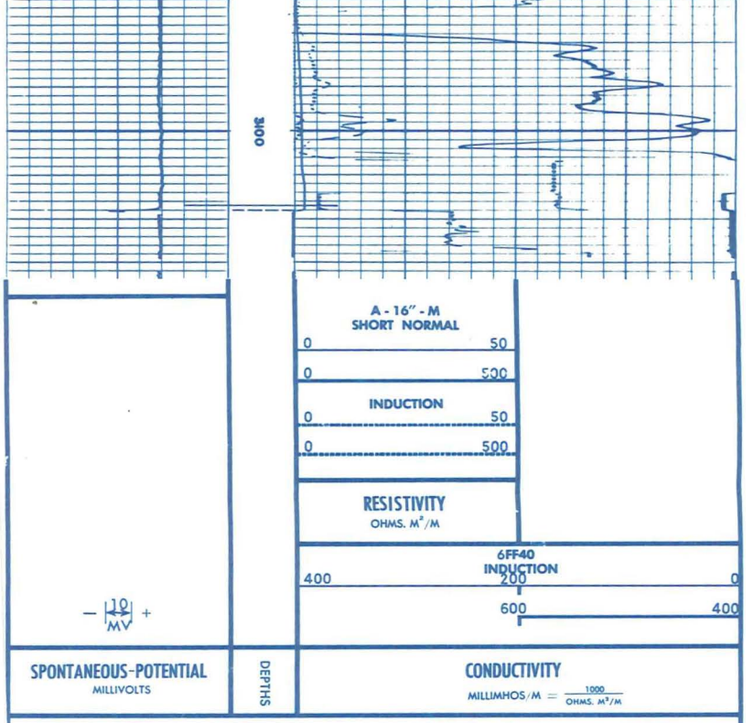
		A - 16" - M SHORT NORMAL 0 50 / 0 500
		INDUCTION 0 50 / 0 500
		RESISTIVITY OHMS. M^2/M
		6FF40 INDUCTION 400 200 0 / 600 400
SPONTANEOUS-POTENTIAL MILLIVOLTS	DEPTHS	CONDUCTIVITY MILLIMHOS/M $= \frac{1000}{\text{OHMS. } M^2/M}$

COMPANY GEOTHERMAL KINETICS SYSTEMS CORP.

WELL POWER RANCHES NO. 1

FIELD WILDCAT

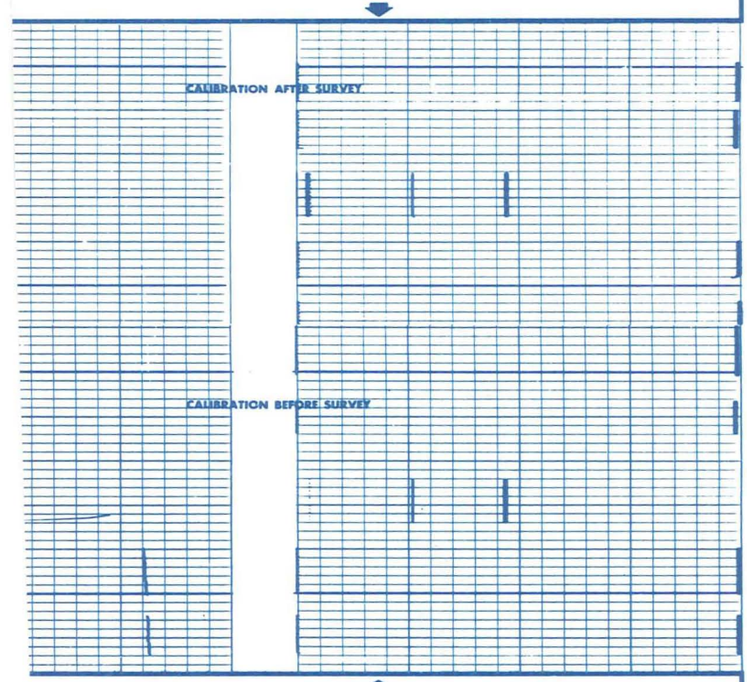
SCHL FR 3117
SCHL TD 3118
DRLR TD 3118
Elev:



COMPANY GEOTHERMAL KINETICS SYSTEMS CORP.
WELL POWER RANCHES NO. 1
FIELD WILDCAT
COUNTY MARICOPA STATE ARIZONA

SCHL. FR. 3117
SCHL. TD. 3118
DRLR TD. 3118
Elev:
KB 1358
DF --
GL 1338

CALIBRATION RECORD



CALIBRATION RECORD

OMPANY GEOTHERMAL KINETICS SYSTEMS CORP.
/ELL POWER RANCHES NO. 1
ELD WILDCAT
OUNTY MARICOPA STATE ARIZONA

SCHL. FR. 3117
SCHL. TD. 3118
DRLR TD. 3118
Elev:
KB 1358
DF --
GL 1338