

WIRELINE SERVICES
GEARHART - DWIER
ELECTRICAL LOG

INDUCTION LOG

FILE NO. 643108-27412

COMPANY CER CORPORATION/BREA
WELL GRH #1
FIELD CHINA LAKE INC
COUNTY INYO STATE CALIFORNIA
LOCATION _____

Other Services
C/O: DWIER
P.O. BOX 100
X-Y CALIFORNIA

Run No. 365
Date 9-25-77

Permanent Datum 0.11 Elev. 4395.5 R. Above Permanent Datum 0.11
Log Measured from _____
Diluting Measured from 1.13 DF 4397.5

Depth-Driller 365
Depth-Logger 365
Coring-Logger 365
Coring-Driller 365
Bit String in Hole 365
Type Fluid in Hole 365
Density and Viscosity 365
pH and Fluid Loss 365
Rm @ Meas. Temp. 365
Rmc @ Meas. Temp. 365
Kmf @ Meas. Temp. 365
Kmc @ Meas. Temp. 365
Source of Surface Water 365
Time Since Circ. 365
Equip. No. and Location 365
Well Identification 365

Changes in Mud Type or Additional Samples		Type Log	Depth	Scale Up Hole	Scale Down Hole
Date	Sample No.				
Depth-Driller					
Type Fluid in Hole					
Dens.	Visc.				
pH	Fluid Loss				
Source of Sample					
Rm @ Meas. Temp.					
Rmc @ Meas. Temp.					
Source Rmf Rmc					
Rm @ BHT					
Rmc @ BHT					
Rmf @ BHT					
Rmc @ BHT					

SPONTANEOUS POTENTIAL	DEPTHS	RESISTIVITY	CONDUCTIVITY
millivolts		ohms - m ² /m	millimhos/m = ohms m ² /m
		16" NORMAL AMP. NORMAL	40" INDUCTION
		100	500
		1000	100
		10000	1000

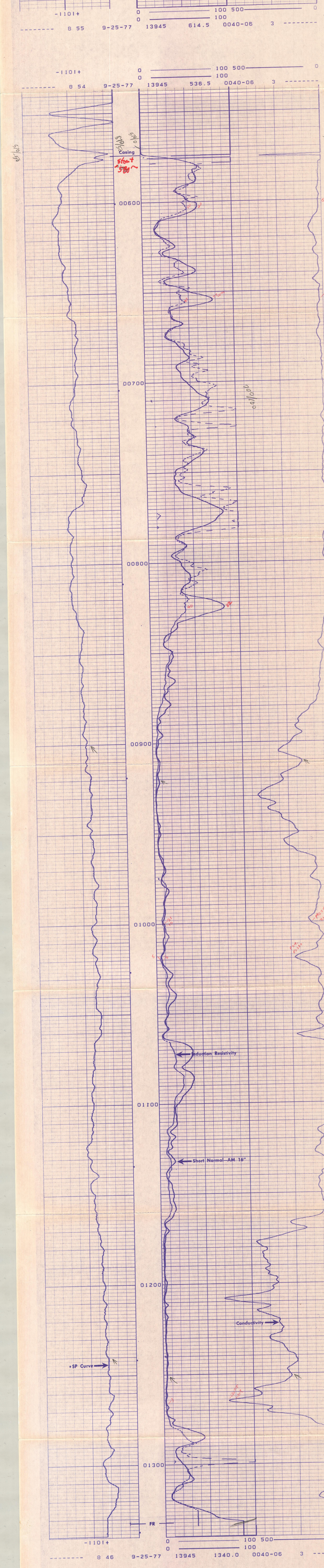
CALIBRATION AFTER SURVEY

SP TEST: 8 56 9-25-77

INT CAL + SEC: 13945 614.5 0040-06 3

20 OHM-M SHORT NORMAL CAL

INT ZERO



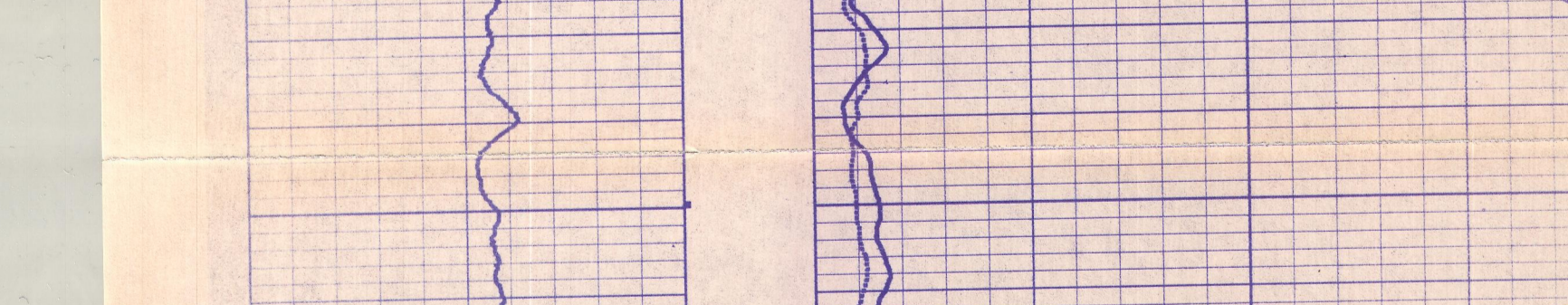
REPEAT SECTION

SP TEST: 8 45 9-25-77

INT CAL + SEC: 13945 1119.5 0040-06 2

20 OHM-M SHORT NORMAL CAL

INT ZERO



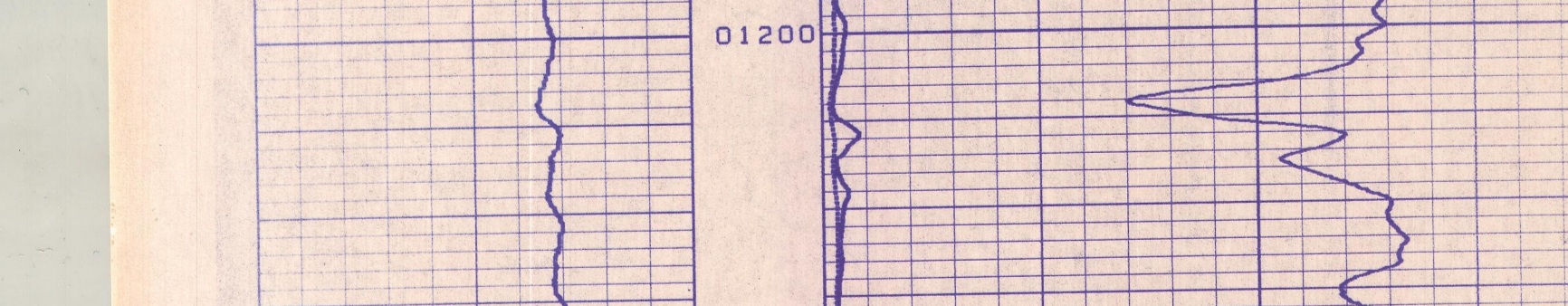
CALIBRATION BEFORE SURVEY

SP TEST: 8 42 9-25-77

INT CAL + SEC: 13945 1325.5 0040-06 1

20 OHM-M SHORT NORMAL CAL

INT ZERO



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Company CER CORPORATION/BREA GO FR 1241
Well GRH #1 GO TP 212
Field CHINA LAKE INC DR TP 1255
County INYO State CALIFORNIA Elev. 4397.5
K# 279
DF 4395.5

022576