Schlumberger

DUAL INDUCTION - LATEROLOG
WITH LINEAR CORRELATION LOG

COUNTY KLAMATH
FIELD MERRILL
LOCATION 35 40S 9E
WELL O'CONNER RANCH NO.1
COMPANY THERMAL POWER CO.

COMPANY THERMAL POWER COMPANY
WELL O'CONNER RANCH NO.1
FIELD MERRILL
COUNTY KLAMATH **STATE** OREGON

LOCATION	3864'SOUTH & 3055'WEST OF THE NORTHEAST CORNER		
API SERIAL NO	SEC	TWP	RANGE
	35	40S	9E

Other Services:
BHC
TT

Permanent Datum: GL ; Elev.: 4206
Log Measured From KB 12 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 4218
D.F.
G.L. 4206

Date	6/28/76			
Run No.	ONE			
Depth—Driller	2378			
Depth—Logger	2378			
Btm. Log Interval	2372			
Top Log Interval	497			
Casing—Driller	20 @ 496	@	@	@
Casing Logger	497			
Bit Size	17.5			
Type Fluid in Hole	FGM			
Dens. | Visc.	71 | 45			
pH | Fluid Loss	9.0 | 8.7 ml	ml	ml	ml
Source of Sample	CIRCULATED			
Rm @ Meas. Temp.	2.38 @ 102°F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	2.34 @ 86°F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.90 @ 82°F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M			
Rm @ BHT	2.0 @ 119°F	@ °F	@ °F	@ °F
TIME Circulation Stopped	3.5			
TIME Logger on Bottom				
Max. Rec. Temp.	119°F	°F	°F	°F
Equip. | Location	7763 | SAC			
Recorded By	ANDERSEN			
Witnessed By	HATHAWAY			

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

Run No.	ONE
Service Order No.	37[illegible]7
Fluid Level	FULL
Salinity - PPM CL.	
Speed - F.P.M.	100

EQUIPMENT DATA

Panel No.	DIPC478		
Cart No.	B-348		
Sonde No.	DB-323		
Mem. Panel No.	BA-293		
G.R. Panel No.	- -		
G.R. Cart. No.	- -		
Tape Recorder - (TTR)	- -		
Depth Encoder - (DRE)	- -		
Pressure Wheel (CPW)	- -		
Type Centralizers	USED		
Stand Off - Inches	1.5		

CALIBRATION DATA

Sonde Error - ILM			
Sonde Error - ILD			
G.R. BKG. - CPS.			
G.R. Source - CPS			

LOGGING DATA

S.E. Log - ILM			
S.E. Log -ILD			
S.E. - Set in Hole - Depth			
S.E. Corr. - Hole Size			
G.R. Scale per 100 Div.			
G.R. - T.C.			
G.R. Sens.			

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

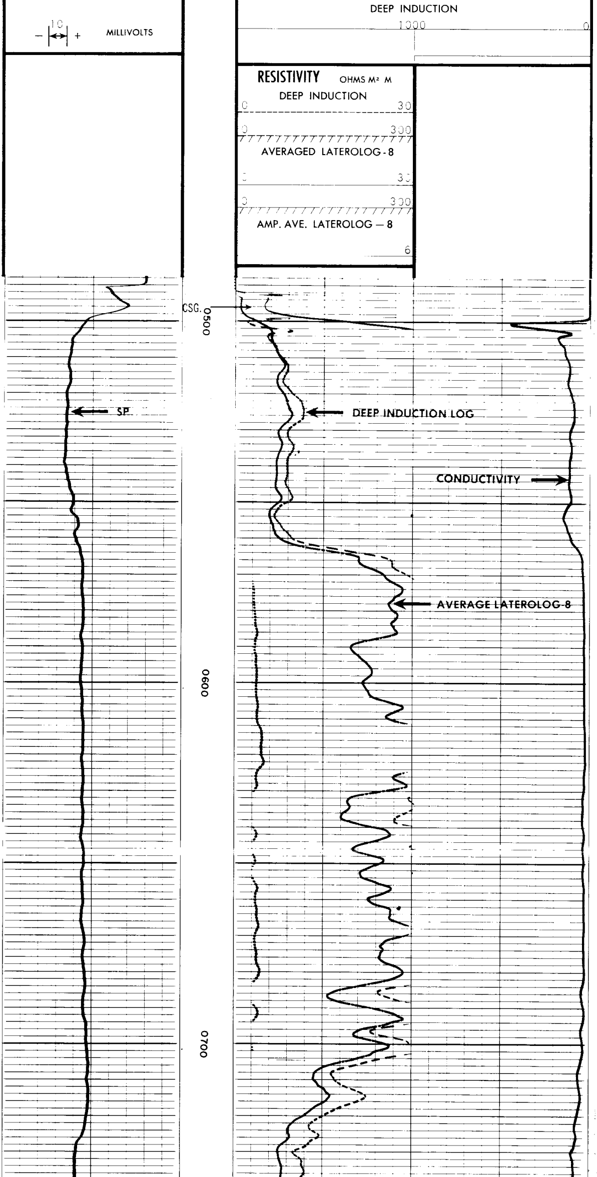
REMARKS

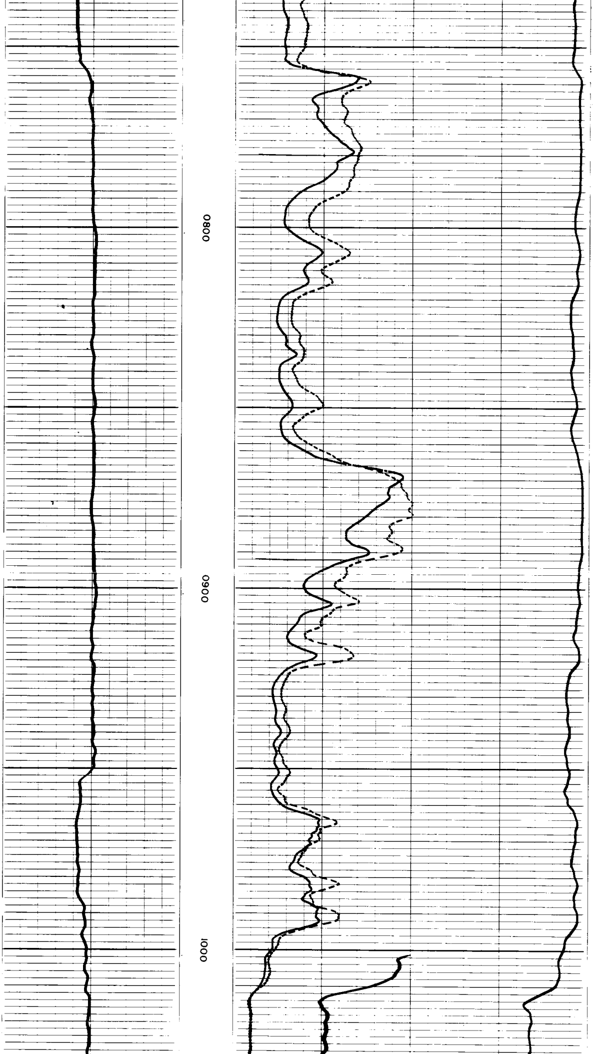
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

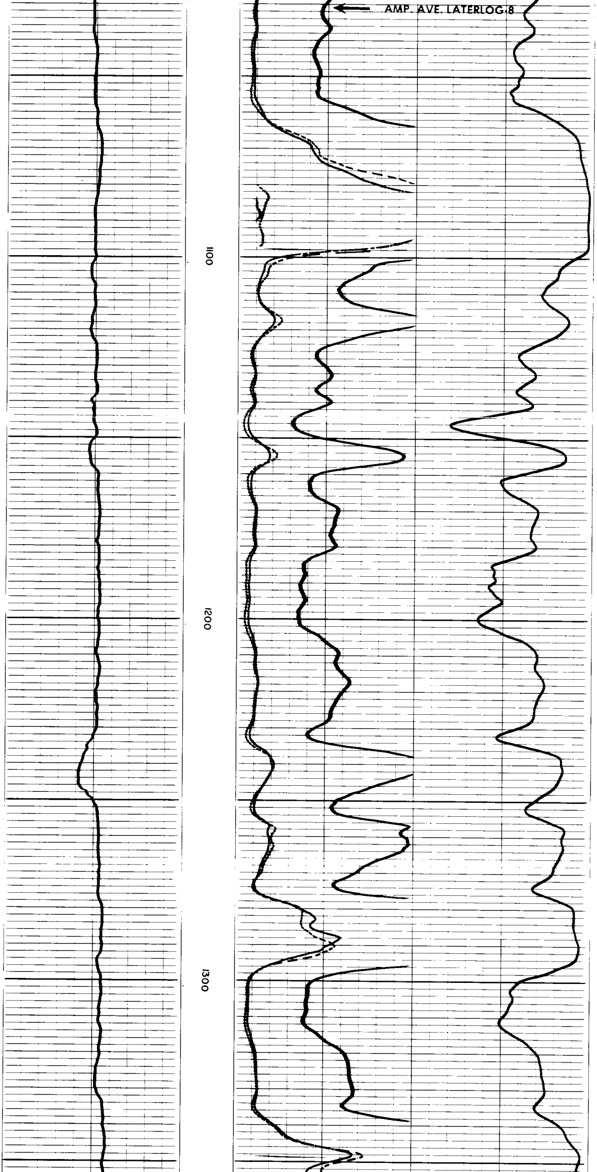
SPONTANEOUS-POTENTIAL

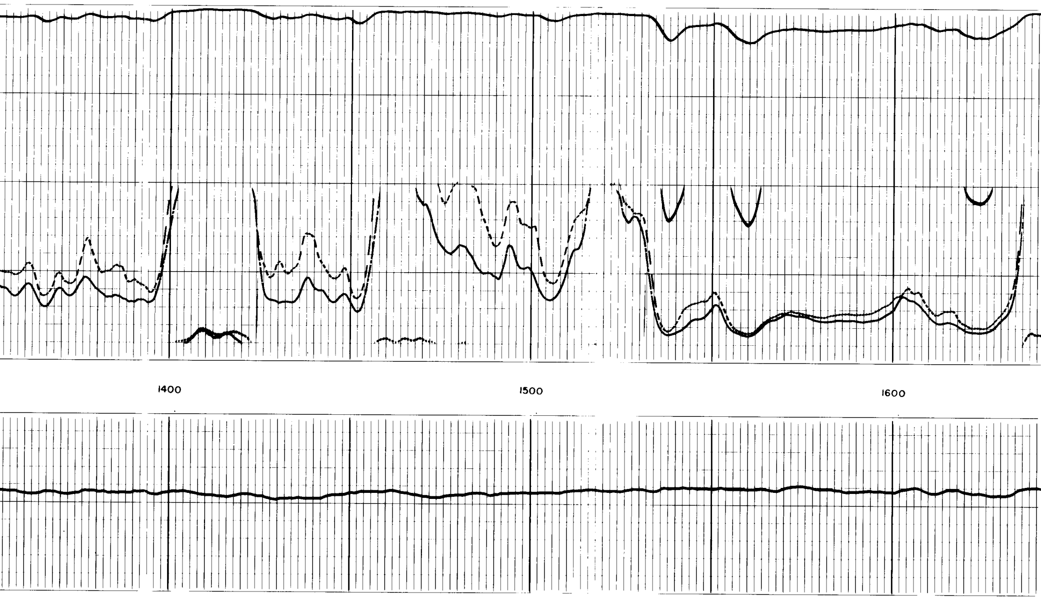
CONDUCTIVITY

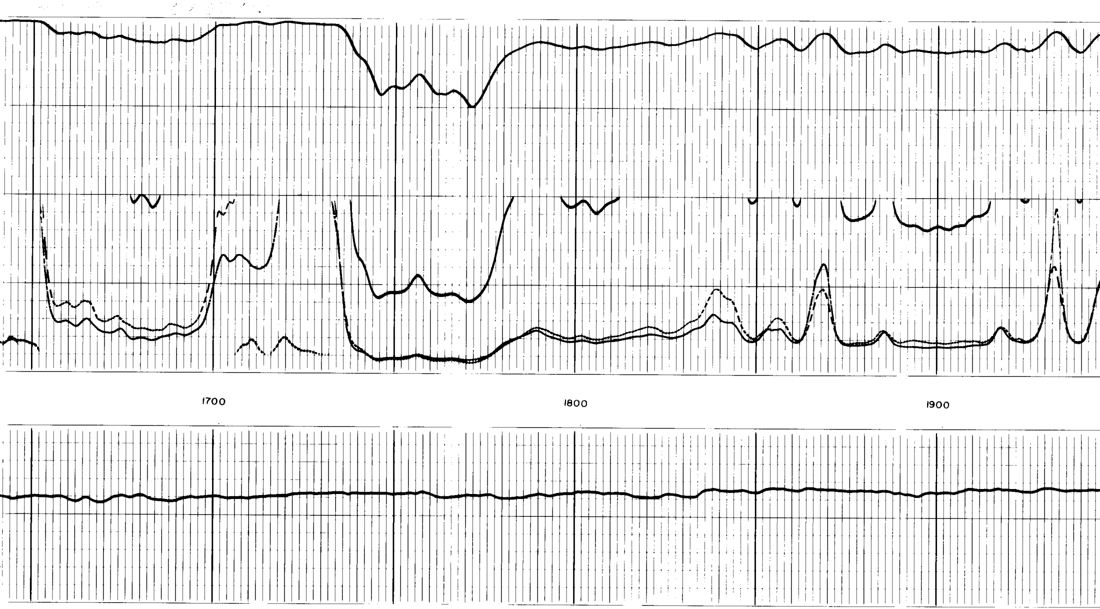
MILLIMHOS/M = $\frac{1000}{\text{OHMS M}^2\text{/M}}$

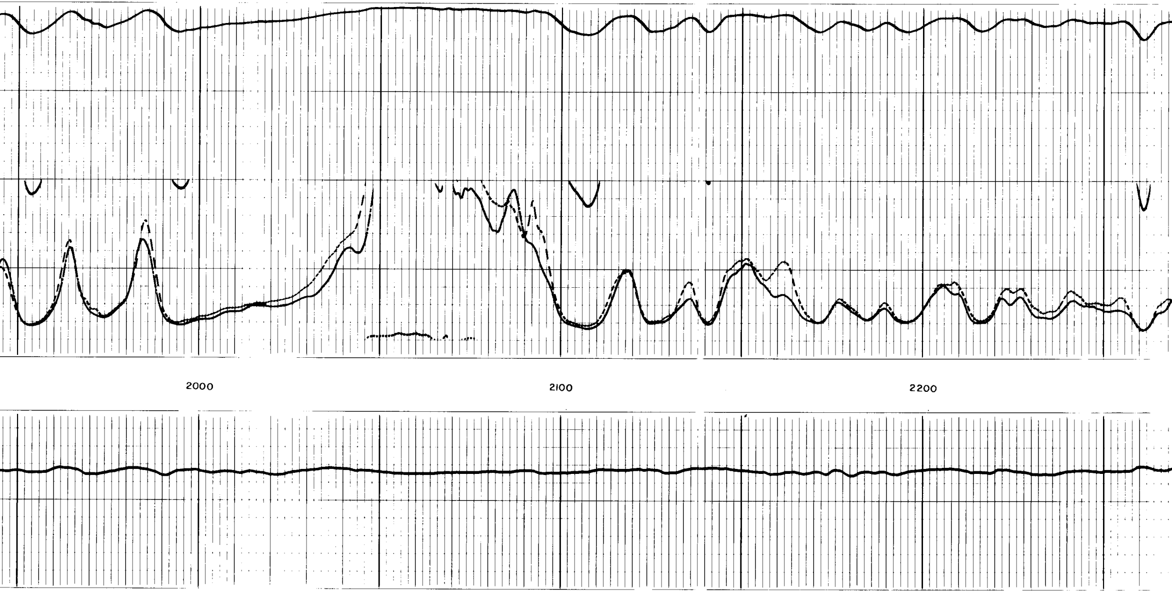


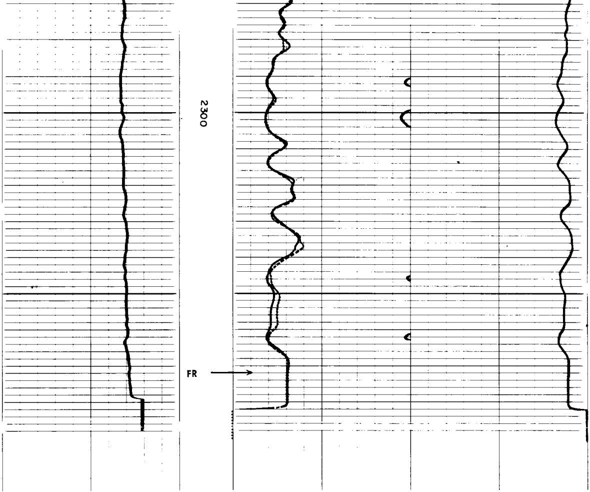




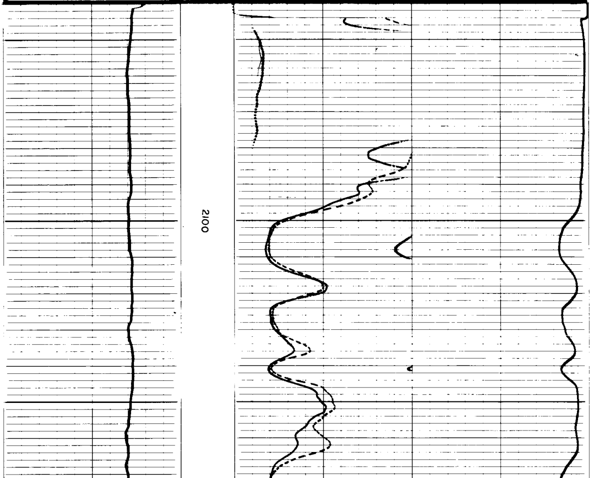


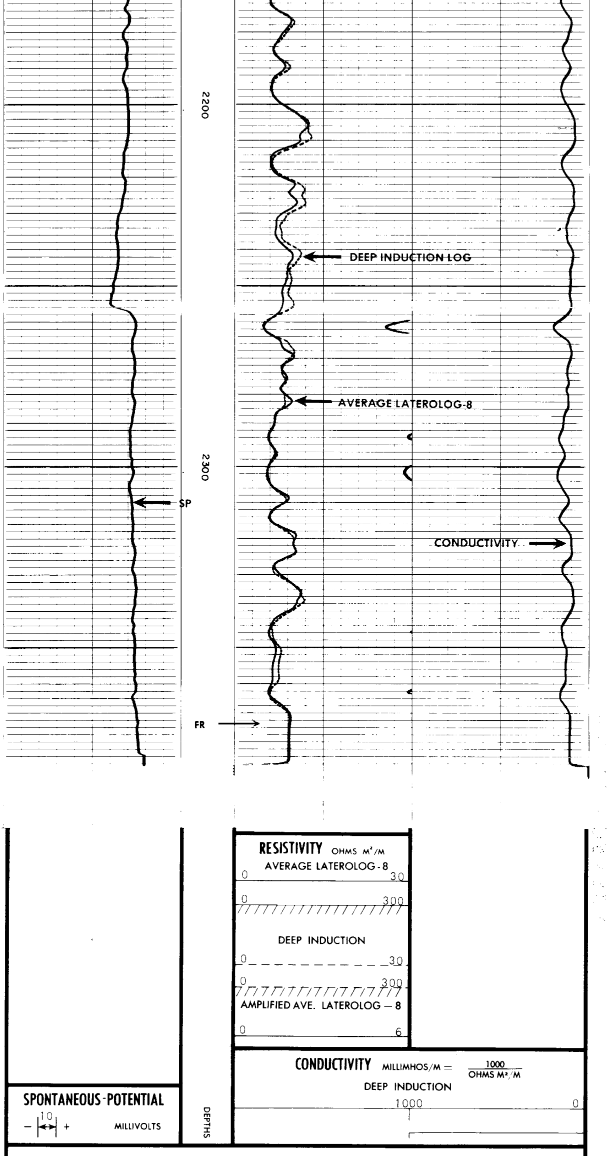






REPEAT SECTION

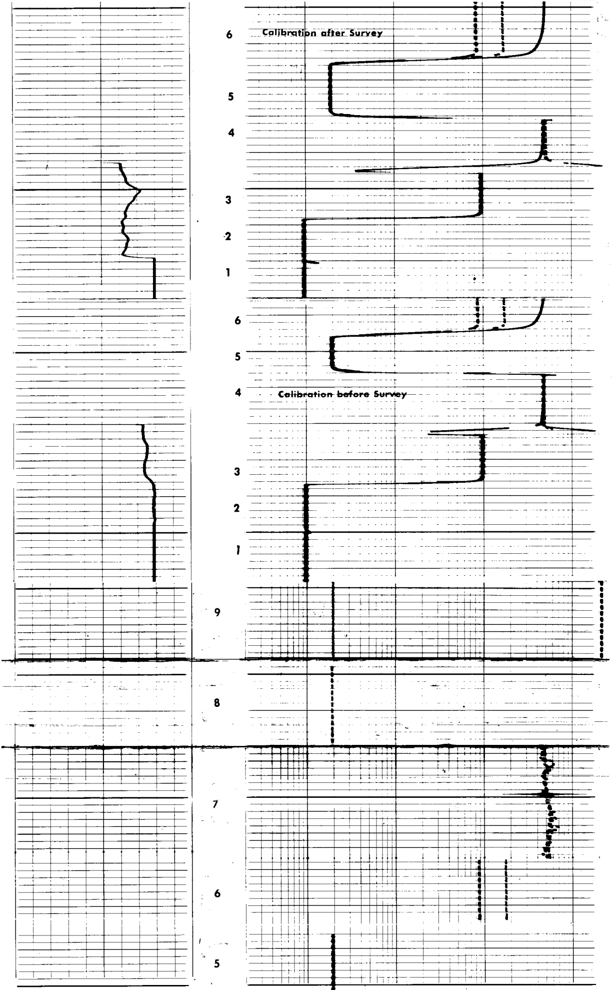


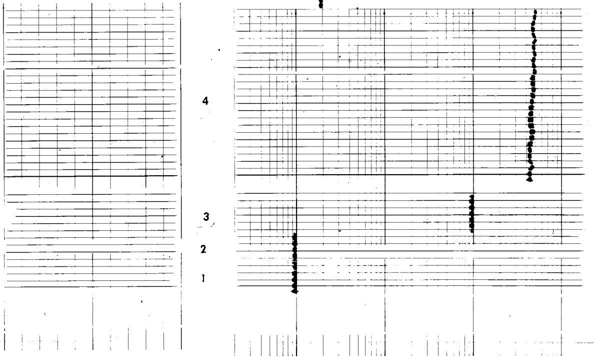


COMPANY THERMAL POWER COMPANY
WELL O'CONNER RANCH NO.1
FIELD MERRILL
COUNTY KLAMATH STATE OREGON

SCHL. FR 2372
SCHL. TD 2378
DRLR. TD 2378
Elev: KB 4218
DF - -
GL 4206

CALIBRATION RECORD





DUAL INDUCTION CALIBRATION FILM CODING

1. MECHANICAL ZERO
2. 1 OHM-M
3. 100 OHM-M
4. ELECTRICAL ZERO (500 OHM-M)
5. 2 OHM-M
6. SONDE ERRORS (+2 MMHO)
7. ZERO SIGNAL IN AIR
8. ILd TEST LOOP (2 OHM SIGNAL)
9. ILm TEST LOOP (2 OHM SIGNAL)
10. Rxo/Rt UNITY
11. Rxo/Rt CALIBRATE

JUNE 10, 1976
DIS-DB 323
DIC-B 348
RED SET

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