Schlumberger

DUAL INDUCTION-SFL
WITH LINEAR CORRELATION LOG

COUNTY	COLUMBIA
FIELD	MIST NEHALEM BASIN
LOCATION	34-7N-5W WBM
WELL	REICHHOLD ADAM NO. 24-34
COMPANY	REICHHOLD ENERGY

COMPANY REICHHOLD ENERGY CORPORATION

WELL REICHHOLD ADAM NO. 24-34

FIELD MIST NEHALEM BASIN

COUNTY COLUMBIA STATE OREGON

RECEIVED FILED
AUG 20 1980
DEPT OF GEOLOGY & MINERAL INDUS.

LOCATION 634' NORTH & 382' WEST FROM THE SOUTHEAST CORNER OF:

API SERIAL NO.	SEC.	TWP	RANGE
	34	7N	5W WBM

Other Services:
BHC
HDT

Permanent Datum: GL ; Elev.: 1128.94

Log Measured From KB 10.50 Ft. Above Perm. Datum

Drilling Measured From KB

Elev.: K.B. 1139.44
D.F. --
G.L. 1128.94

Date	7-2-80			
Run No.	ONE			
Depth—Driller	3377			
Depth—Logger (Schl.)	3374			
Btm. Log Interval	3368			
Top Log Interval	525			
Casing—Driller	7" @ 525	@	@	@
Casing—Logger	525			
Bit Size	6¼"			
Type Fluid in Hole	LIGNOSULFONATE			
Dens. | Visc.	77 | 45	|	|	|
pH | Fluid Loss	10.5 | 6.0 ml	| ml	| ml	| ml
Source of Sample	CIRCULATION			
Rm @ Meas. Temp.	2.31 @ 74 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	2.90 @ 55 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.90 @ 62 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M	|	|	|
Rm @ BHT	1.82 @ 94 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	2300 7/1			
TIME Logger on Bottom	0530			
Max. Rec. Temp.	94 °F	°F	°F	°F
Equip. | Location	8128 | SAC	|	|	|
Recorded By	LANGFORD			
Witnessed By	BRUER			

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

Run No.	ONE			
Service Order No.	123899			
Fluid Level	FULL			
Salinity ppm. cl	--			
Speed F.P.M.	100			
EQUIPMENT DATA				
Panel No.	384			
Cartridge No.	100			
Sonde No.	83			
Mem. Panel No.	CSU			
G.R. Panel No.	--			
G.R. Cart No.	--			
Tape Recorder - (TTR)	--			
Depth Encoder - (DRE)	--			
Pressure Wheel - (CPM)	--			
Type Centralizers	NONE			
Stand Off - Inches	1½			
CALIBRATION DATA				
SBR	1.0			
Sonde Error - ILM	16.53			
Sonde Error - ILD	5.46			
G.R. BKG. - CPS.	--			
G.R. Source - CPS.	--			
S.E. Set In Hole - Depth	--			
S.E. Corr. - Hole Size	--			

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

REMARKS

LOGGING DATA					
SBR	1.0				
Sonde Error Log - ILM	16.53				
Sonde Error Log - ILD	5.46				
G.R. Scale per 100 Div.	--				
G.R. - T.C. Log	--				
	°F	°F	°F	°F	
	°F	°F	°F	°F	
	°F	°F	°F	°F	

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 our General Terms and Conditions as set out in our current Price Schedule.

SPONTANEOUS POTENTIAL

— |←10→| + MILLIVOLTS

DEPTH

RESISTIVITY OHMS. M²/M

DEEP INDUCTION

R_{ILD}

0 30

0 300

SPHERICALLY FOCUSED LOG

R_{SFL}

0 30

0 300

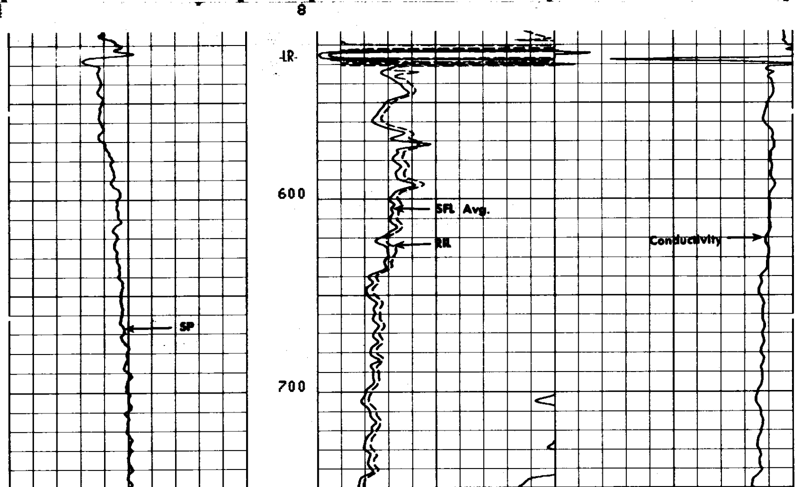
AMP. SPHERICALLY FOCUSED LOG

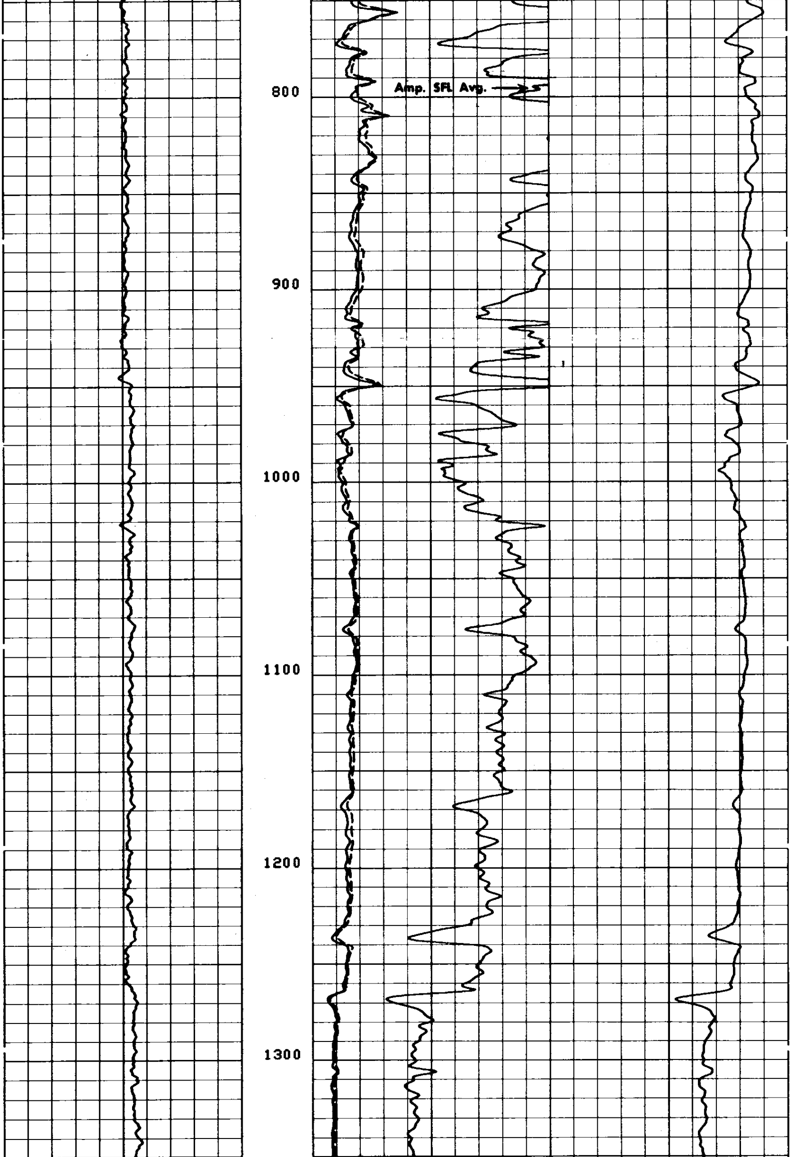
0 6

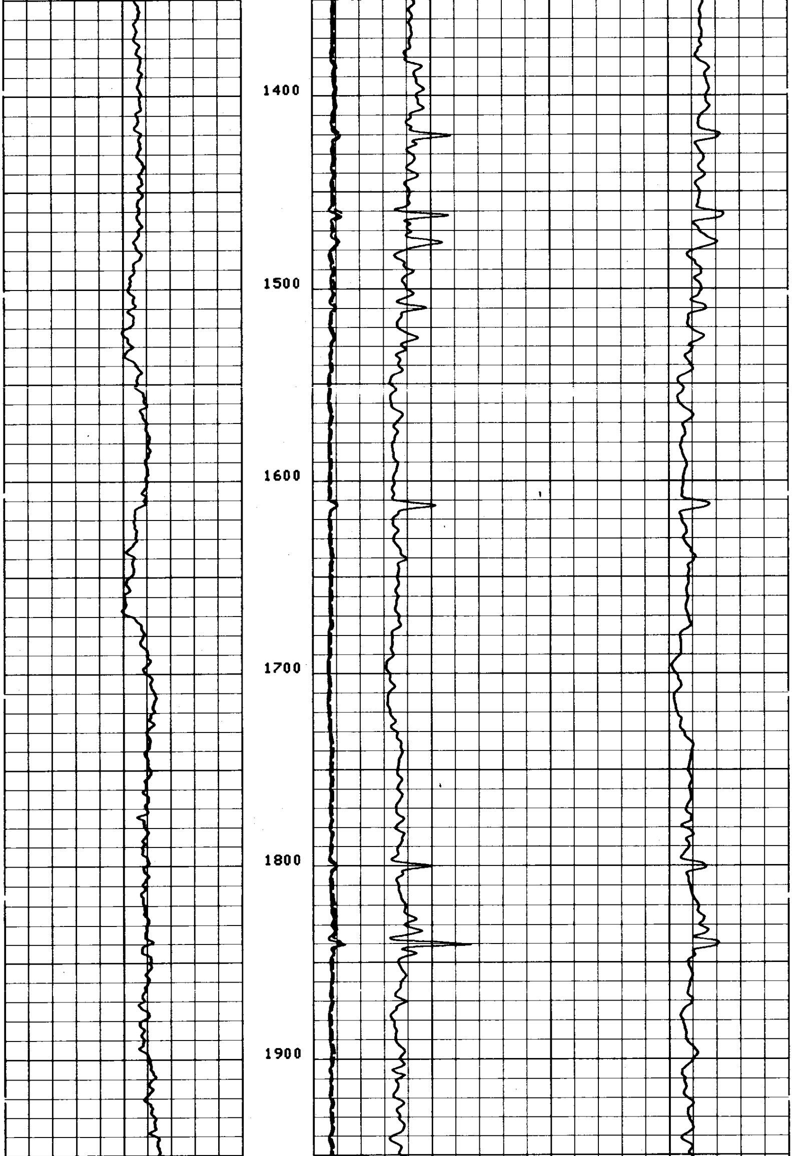
CONDUCTIVITY MILLIMHOS/M

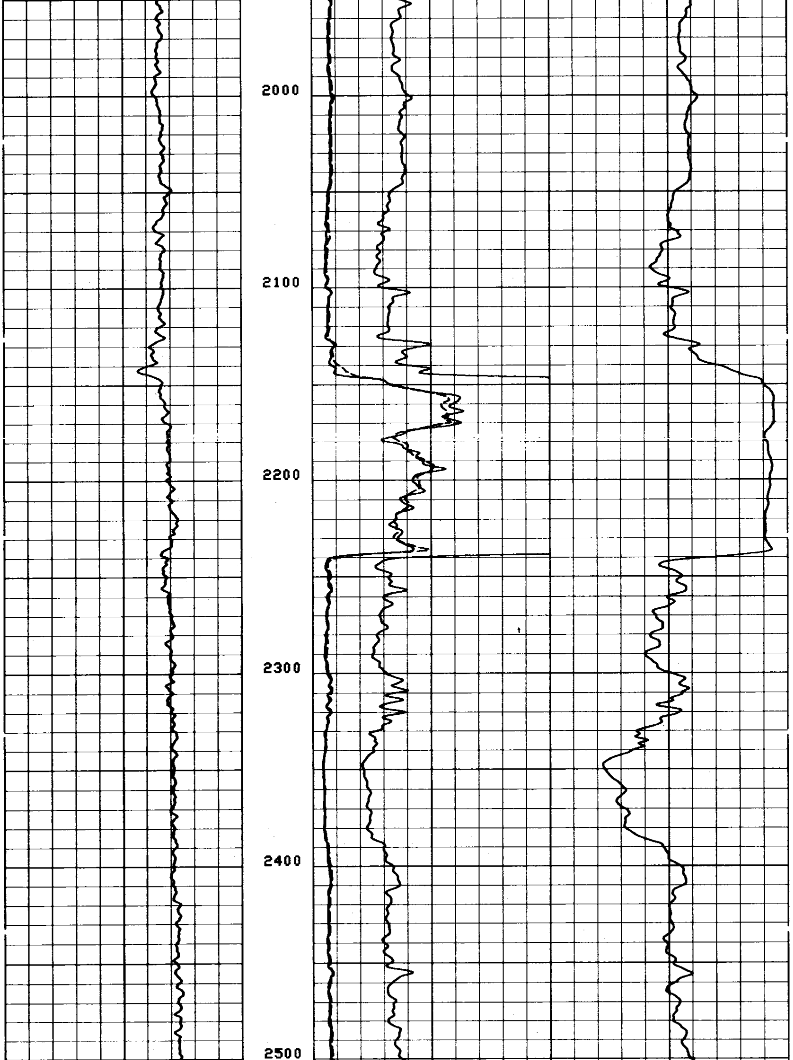
DEEP INDUCTION

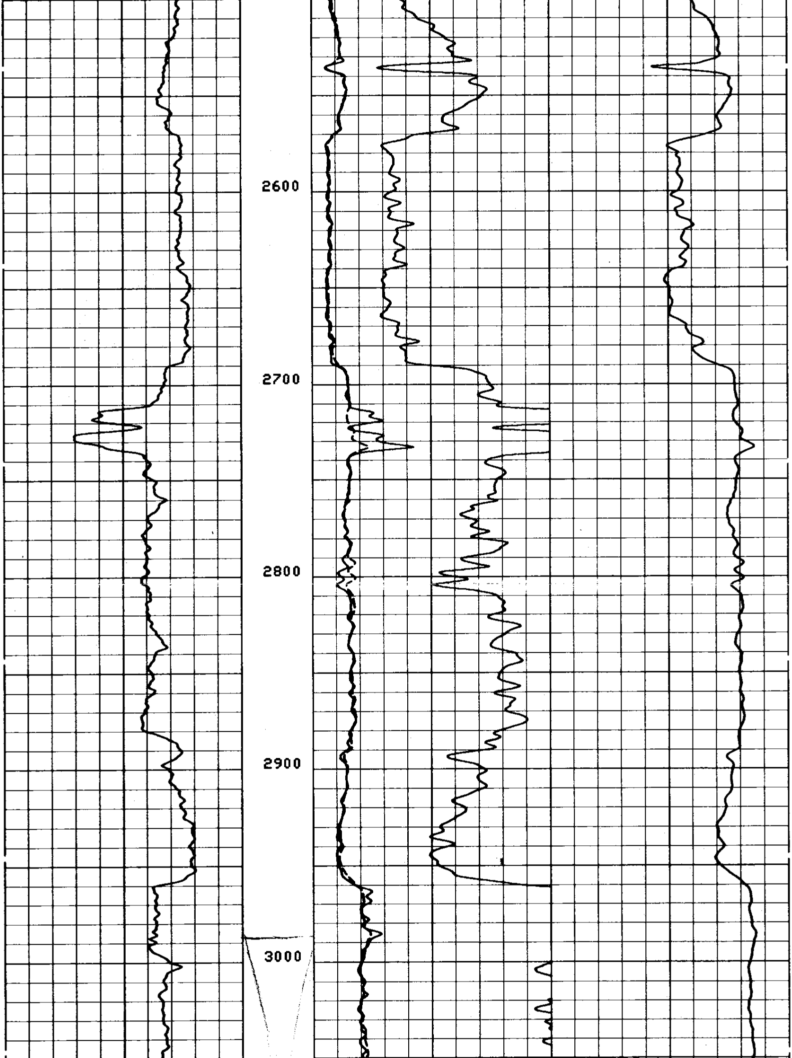
1000 0

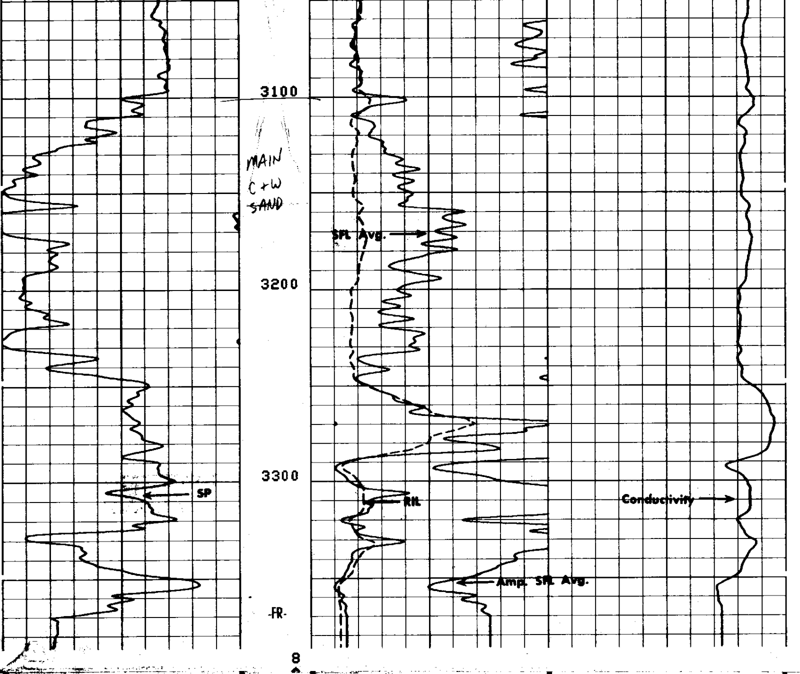












7-1-80

SPONTANEOUS-POTENTIAL
10
— |←→| + MILLIVOLTS

DEPTH

RESISTIVITY OHMS. M^2/M
DEEP INDUCTION
R_{ILD}
0 - - - - - 30
0 - - - - - 300

SPHERICALLY FOCUSED LOG
R_{SFL}
0 30
0 300

AMP. SPHERICALLY FOCUSED LOG
0 6

CONDUCTIVITY MILLIMHOS/M
DEEP INDUCTION
1000 0

COMPANY REICHHOLD ENERGY CORPORATION
WELL REICHHOLD ADAM NO. 24-34
FIELD MIST NEHALEM BASIN
COUNTY COLUMBIA STATE OREGON

SCHL. FR 3368
SCHL. TD 3374
DRLR. TD 3377
Elev: KB 1139.44
DF --
GL 1128.94

DETAIL LOG

5" = 100'

SPONTANEOUS-POTENTIAL

— |10| + MILLIVOLTS

DEPTH

RESISTIVITY OHMS. M^2/M

SPHERICALLY FOCUSED LOG

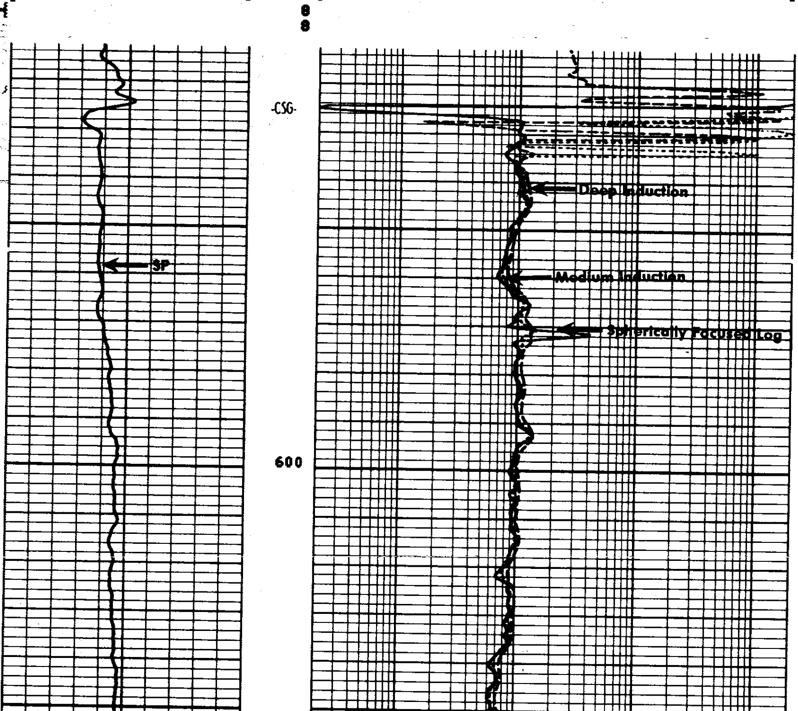
0.2 1.0 10 100 1000 2000

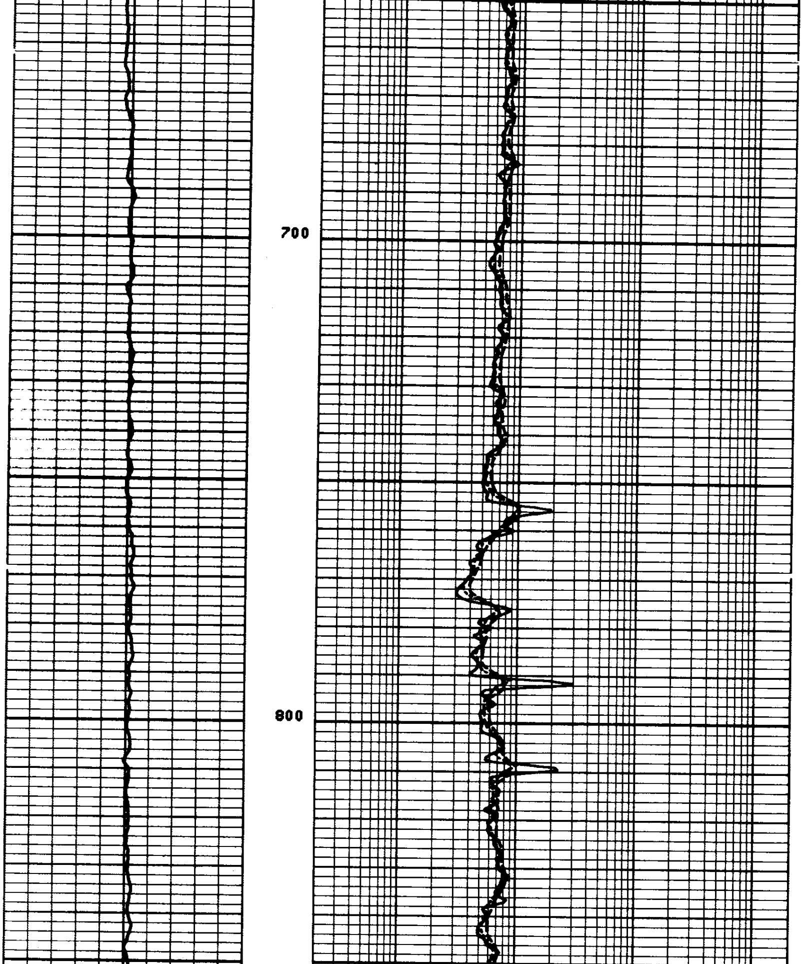
MEDIUM INDUCTION

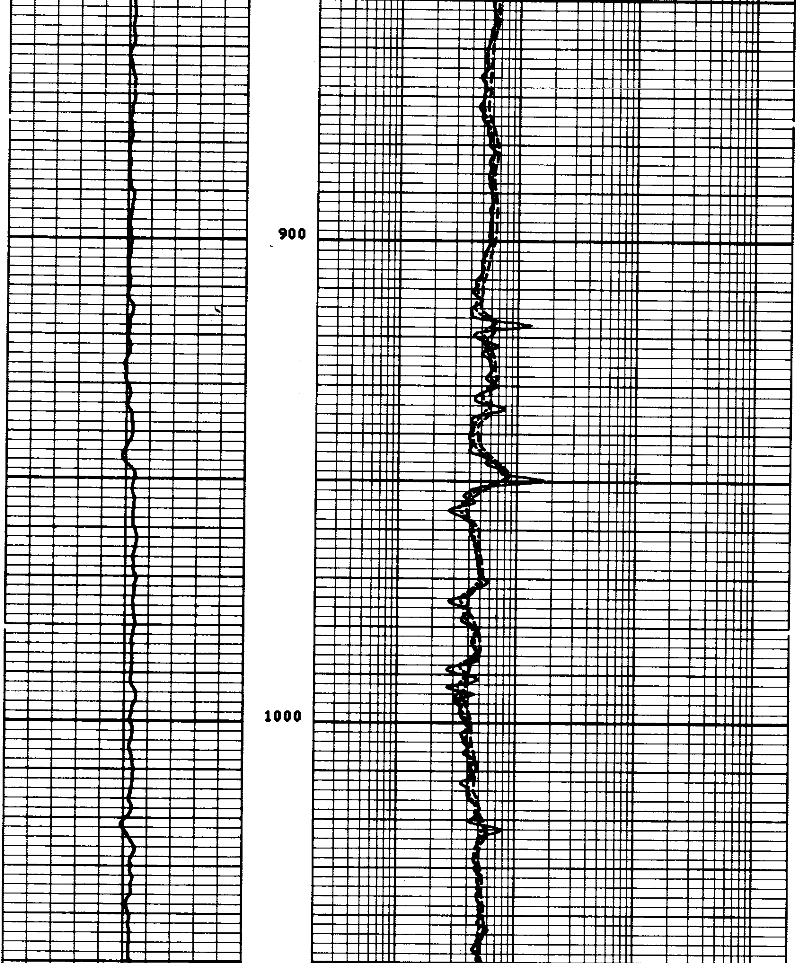
0.2 1.0 10 100 1000 2000

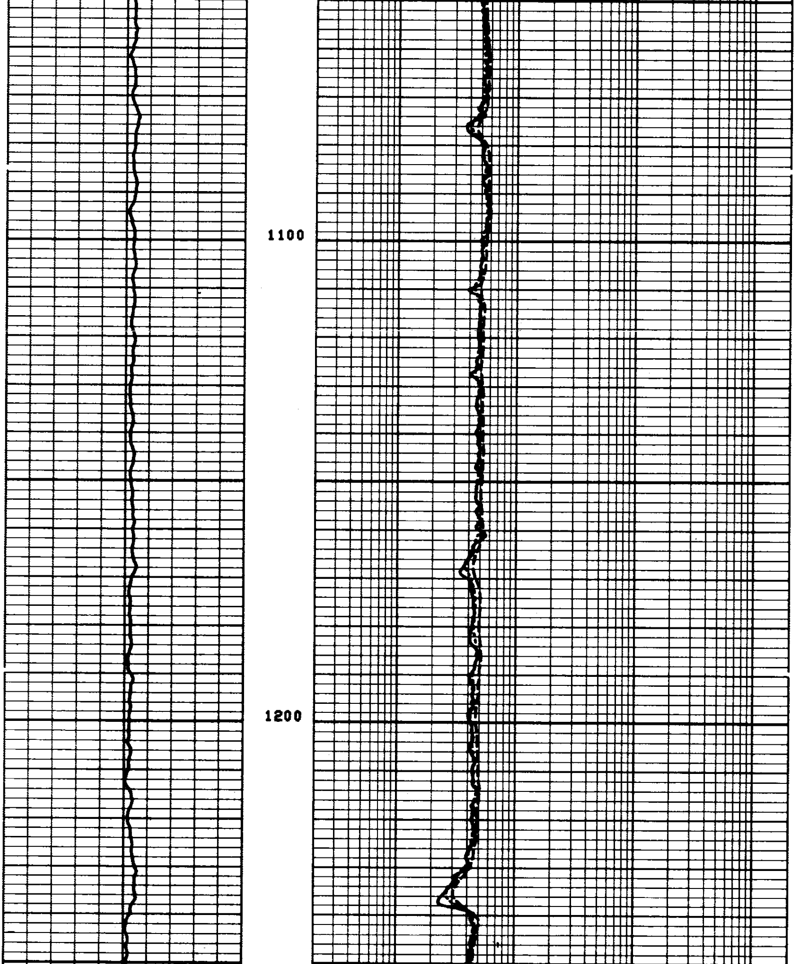
DEEP INDUCTION

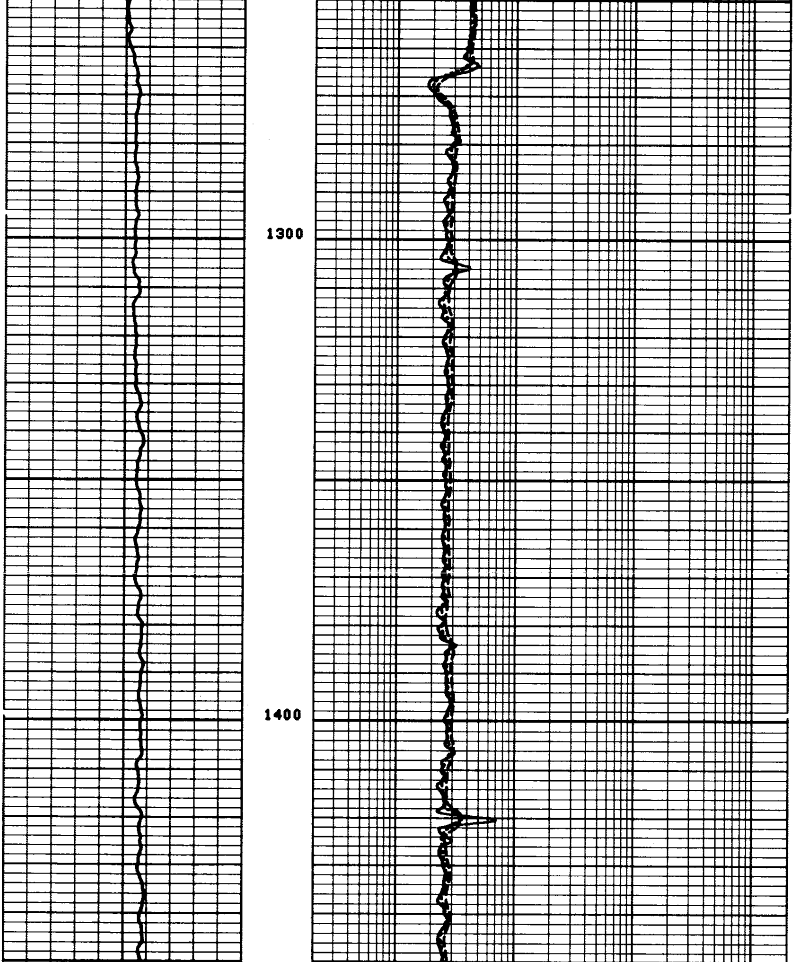
0.2 1.0 10 100 1000 2000

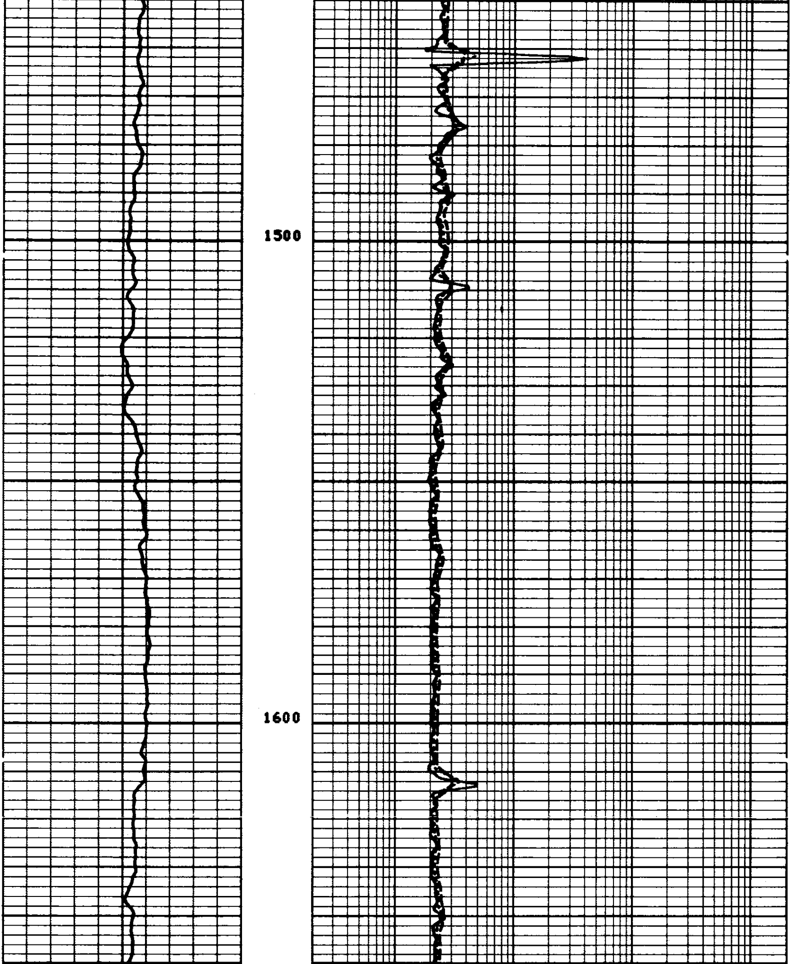


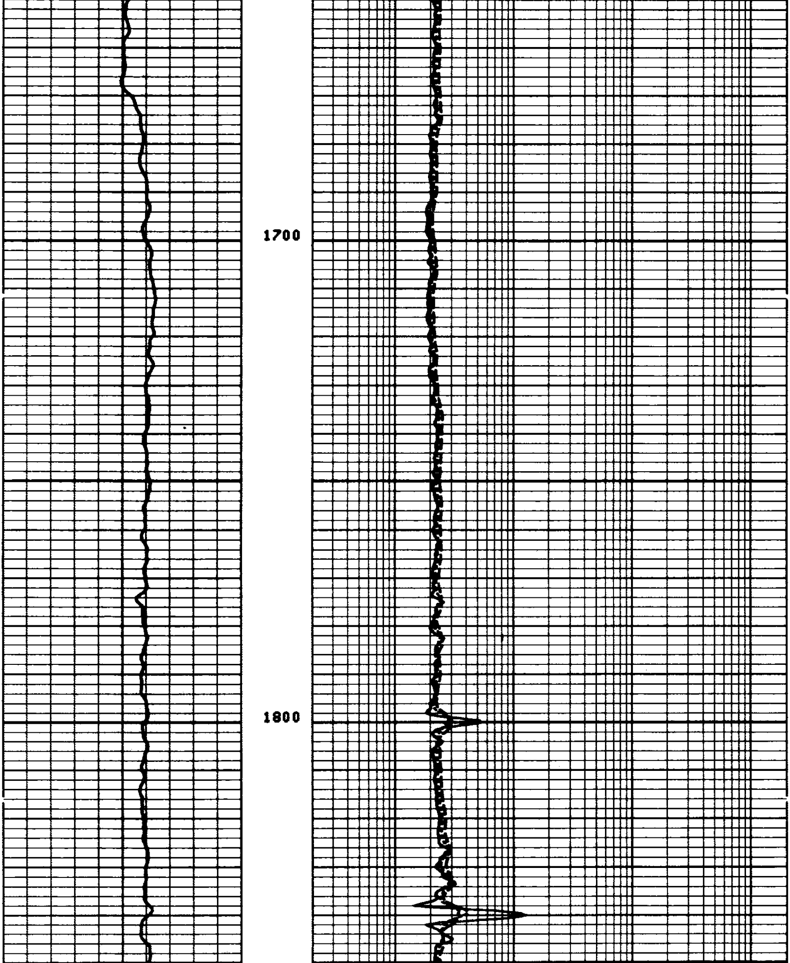


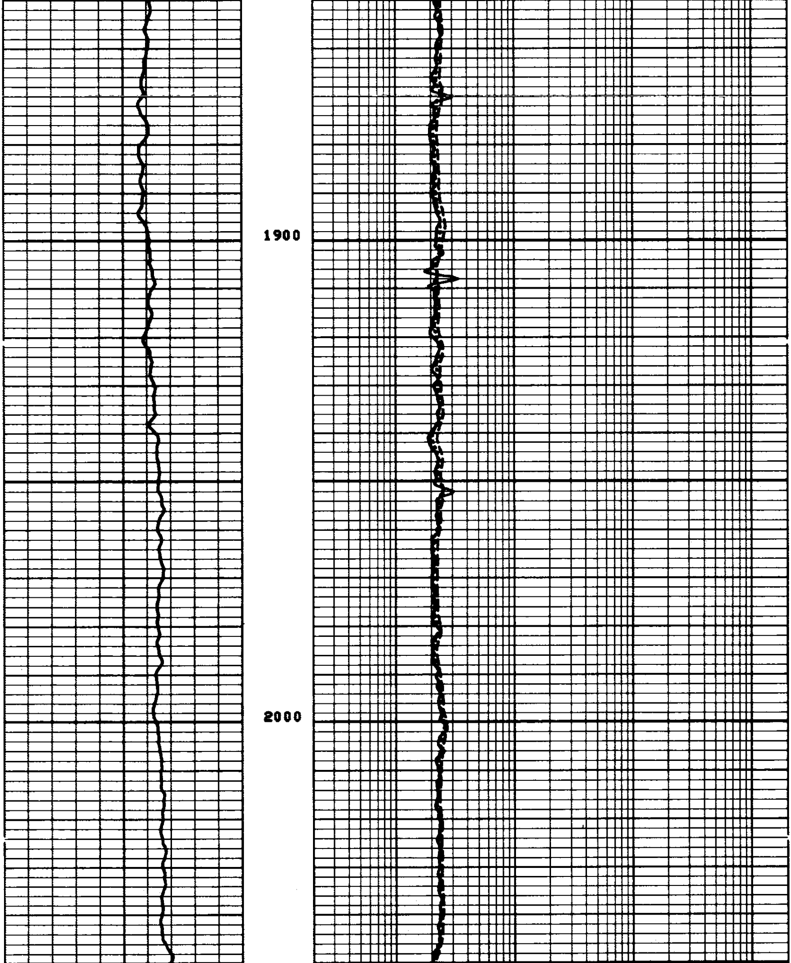


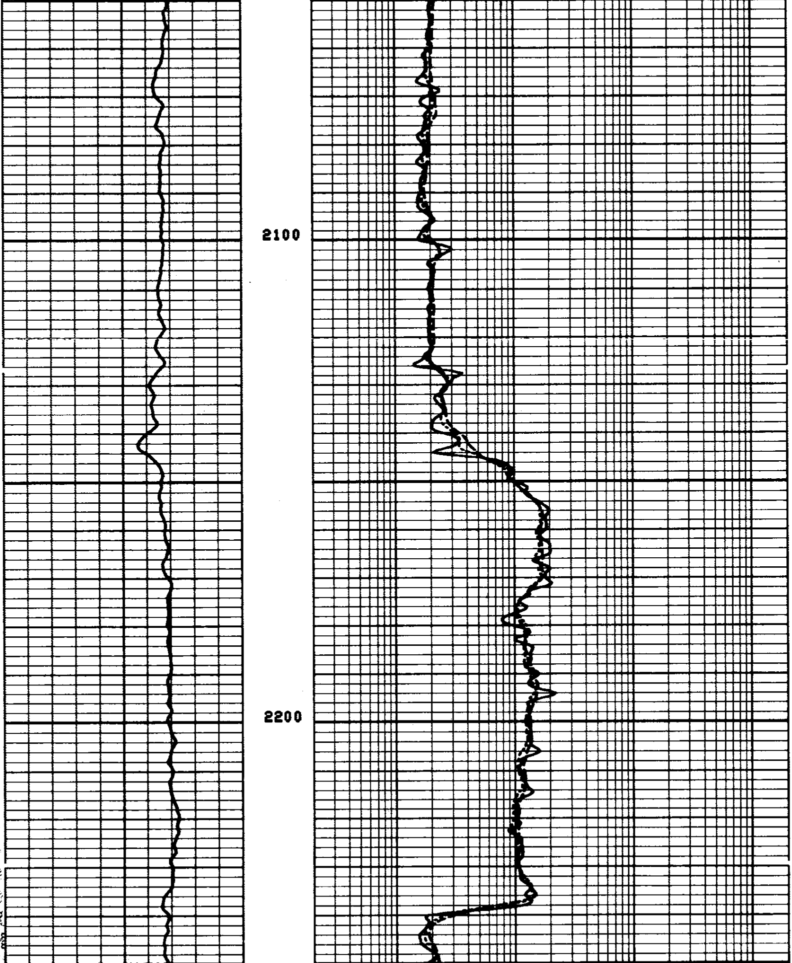


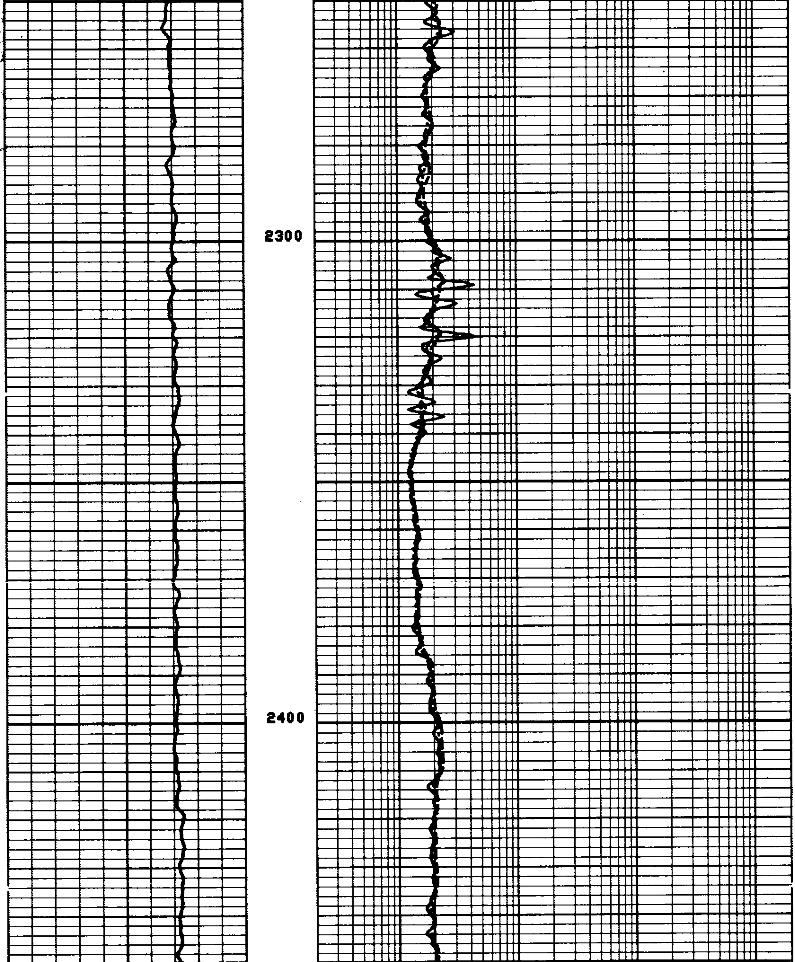


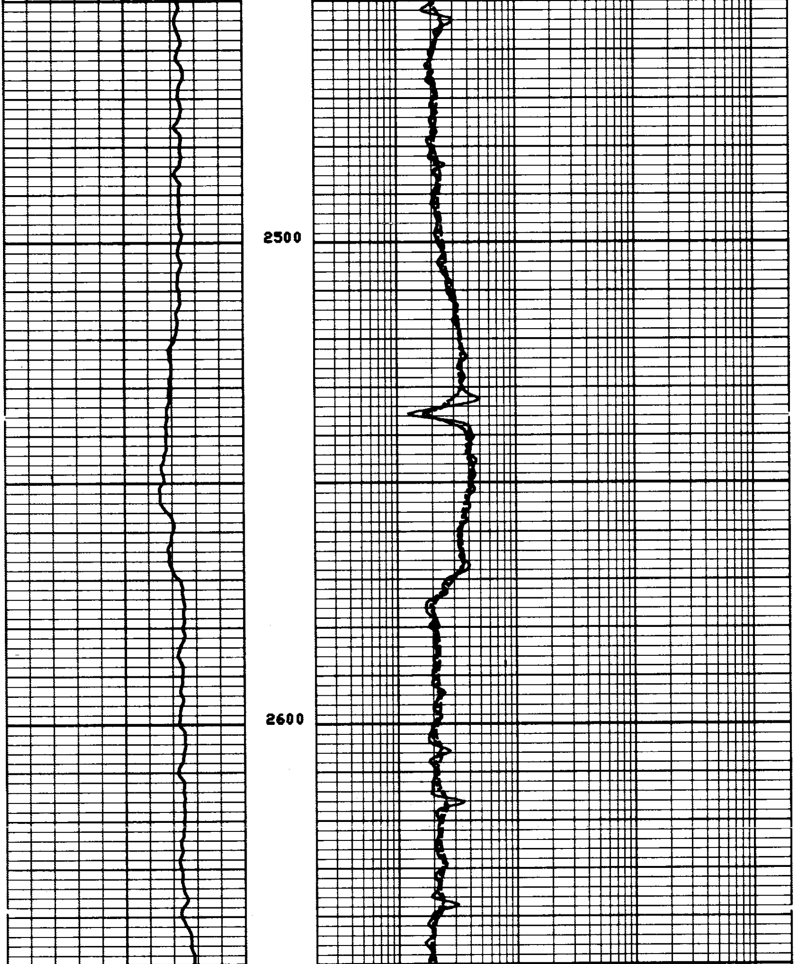


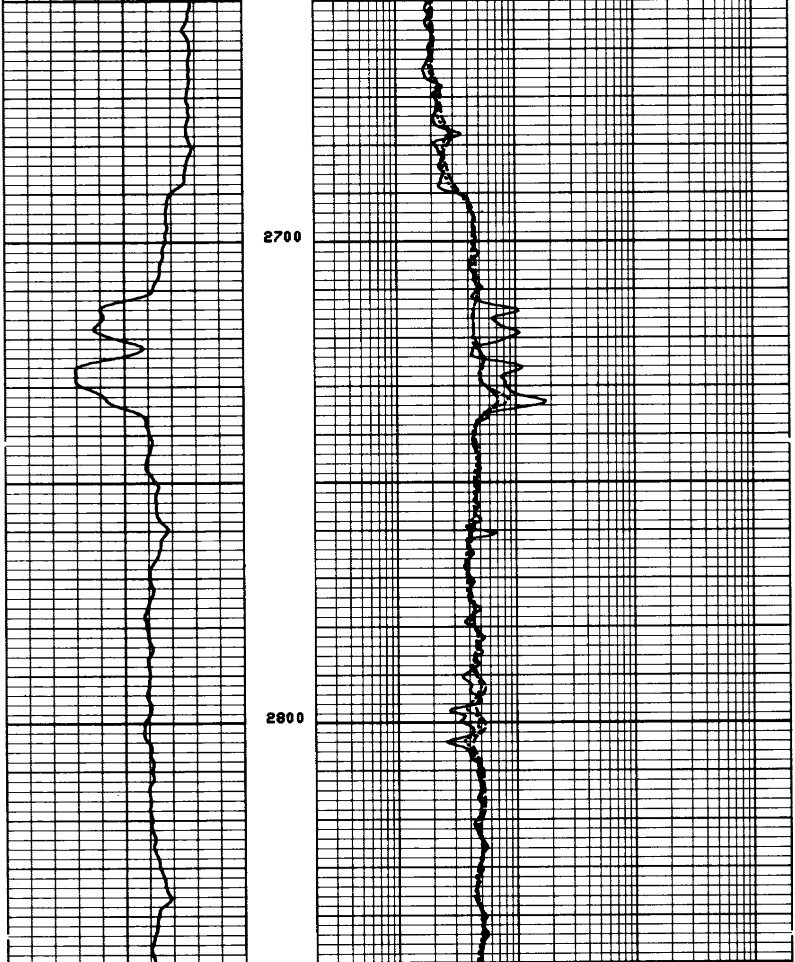


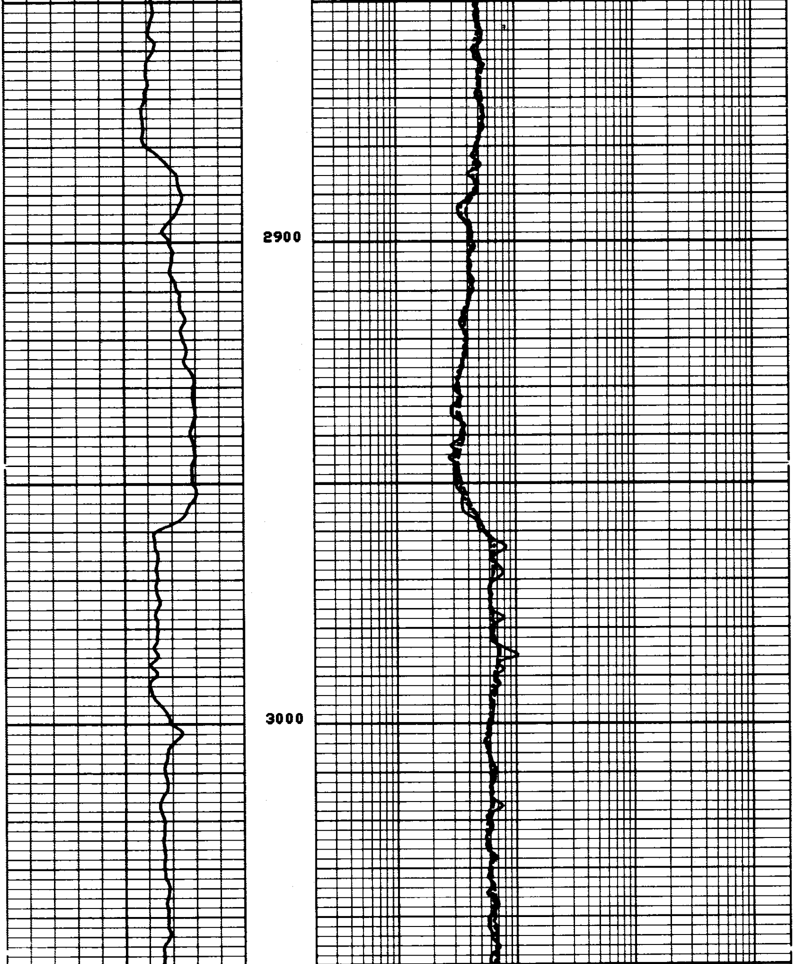


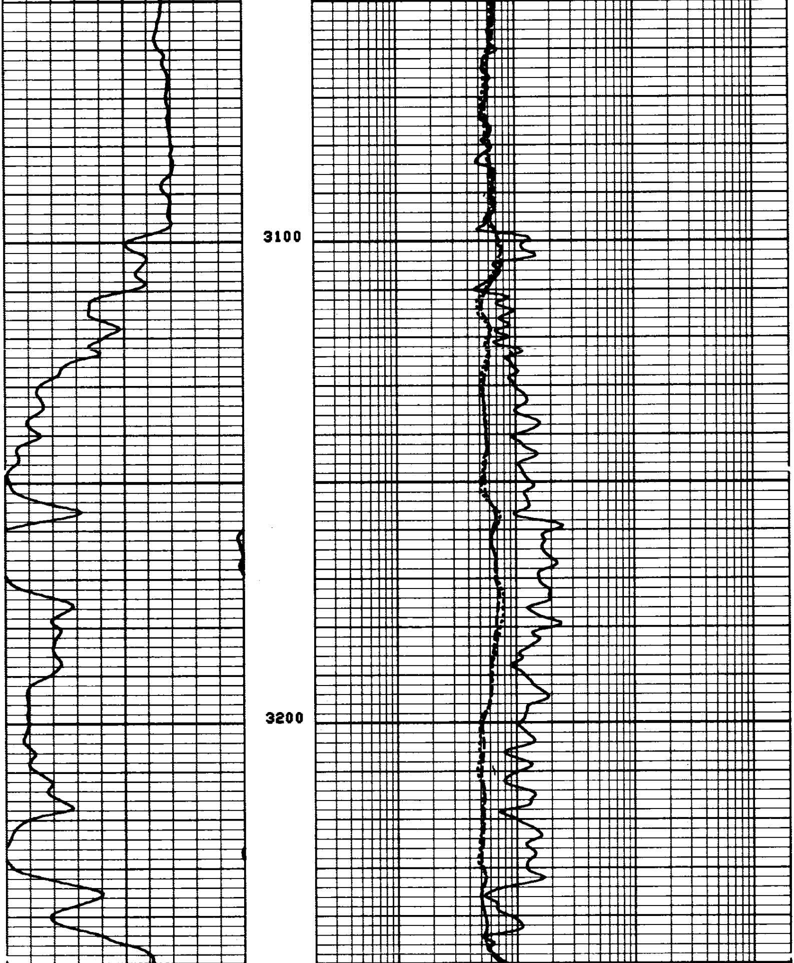


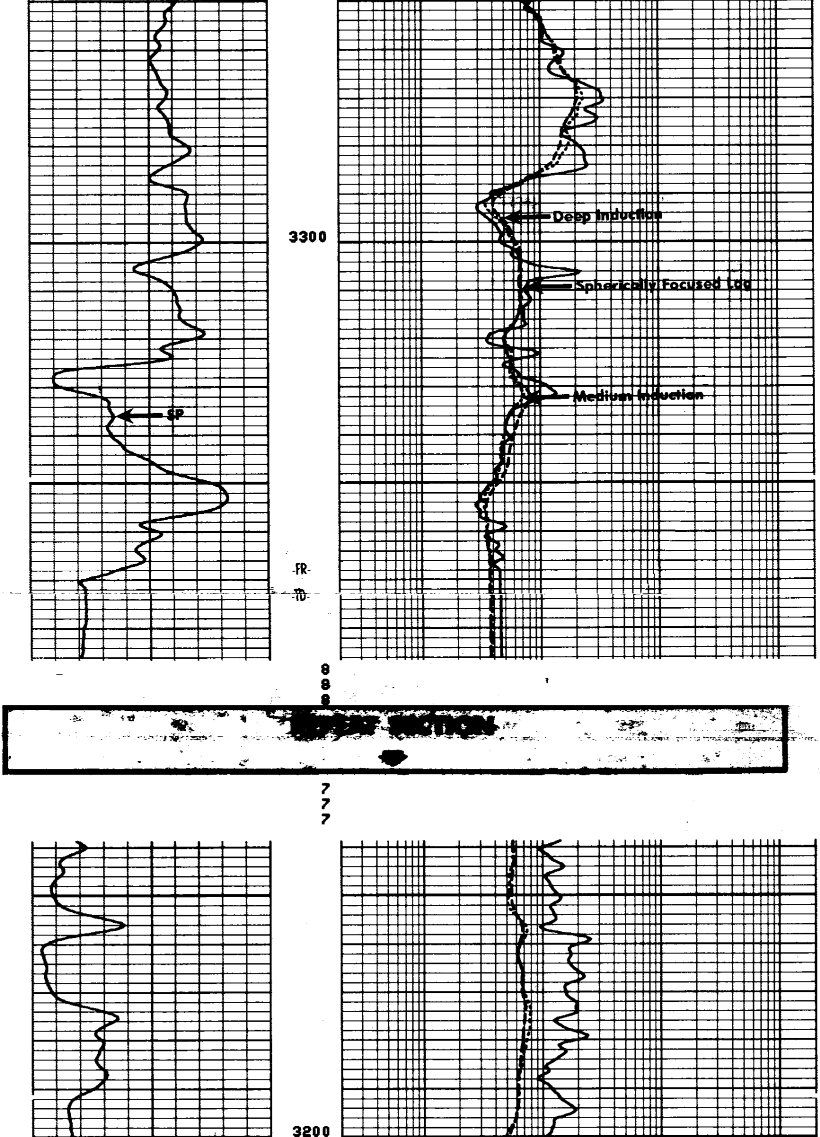


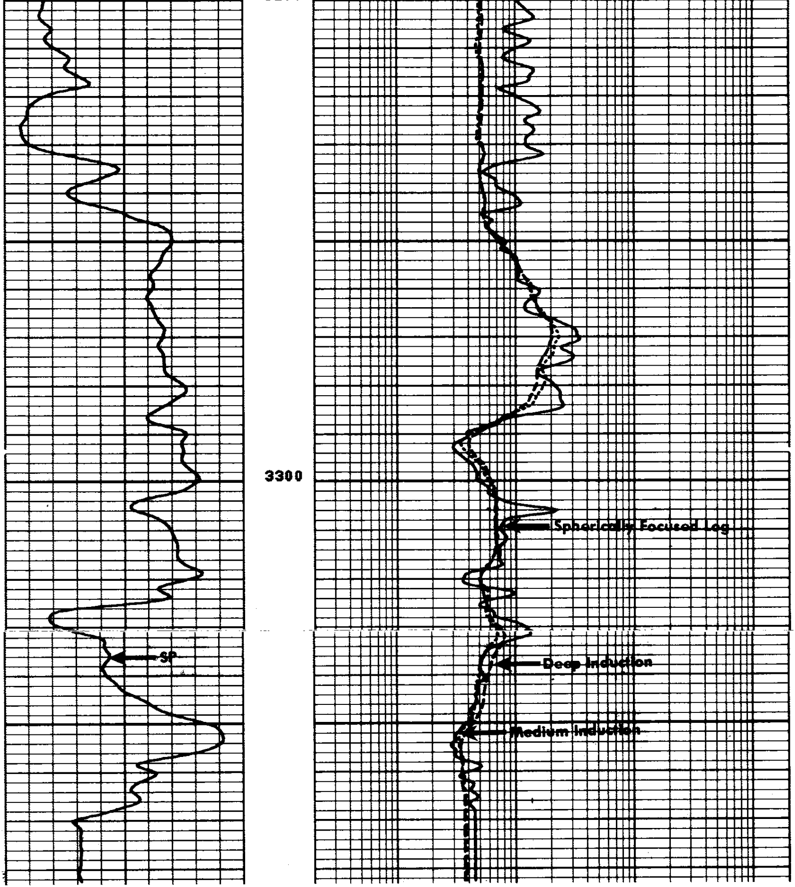












RESISTIVITY OHMS. M^2/M

SPHERICALLY FOCUSED LOG

0.2 1.0 10 100 1000 2000

MEDIUM INDUCTION

0.2 1.0 10 100 1000 2000

DEEP INDUCTION

0.2 1.0 10 100 1000 2000

SPONTANEOUS-POTENTIAL

– 10 + MILLIVOLTS

DEPTH

CALIBRATION RECORD

```
                                7
                                7
                     BEFORE SURVEY CALIBRATION SUMMARY


   PERFORMED:       80/07/02
   PROGRAM FILE:  IS      (VERSION     16.4     79/11/20)


 DITD                    ELECTRONICS CALIBRATION SUMMARY

                    MEASURED                        CALIBRATED
                  ZERO     PLUS                  ZERO        PLUS           UNITS
    ILD            4.1    516.9                   0.0       499.8           MM/M
    ILM            3.7    613.4                   0.0       499.9           MM/M
    SFL           -2.1    535.5                   0.0       499.9           MM/M

 ILM  SONDE ERROR CORRECTION :           16.5    MM/M
 ILD  SONDE ERROR CORRECTION :            5.4    MM/M
                                6
                                6
                                6
                                6

                     AFTER SURVEY TOOL CHECK SUMMARY


   PERFORMED:       80/07/02
   PROGRAM FILE:  IS      (VERSION     16.4     79/11/20)


 DITD                           TOOL   CHECK

                         ZERO                       PLUS
                  BEFORE        AFTER         BEFORE       AFTER      UNITS
    ILD             0.0           0.0          499.8        497.0     MM/M
    ILM             0.0           0.0          499.9        494.8     MM/M
    SFL             0.0           0.6          499.9        499.5     MM/M

 ILM  SONDE ERROR CORRECTION :           16.5    MM/M
 ILD  SONDE ERROR CORRECTION :            5.4    MM/M
                               10
                               10
                               10
                               10
                               10

                     SHOP SUMMARY

   PERFORMED:      80/05/22
   PROGRAM FILE:  SHOP   (VERSION     14.4     79/ 6/ 1)


 DITD                    ELECTRONICS CALIBRATION SUMMARY

                    ELECTRONICS CALIBRATION           SONDE
                  MEASURED           CALIBRATED       ERROR       TEST
                ZERO     PLUS      ZERO      PLUS     CORR.       LOOP         UNITS
    ILD          5.3    566.0       0.0     499.8     5.46       530.4         MM/M
    ILM          5.4    631.0       0.0     499.9    16.53       629.6         MM/M

                          (IS:00   , IC:100   )
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CALIBRATION RECORD

COMPANY REICHHOLD ENERGY CORPORATION

WELL REICHHOLD ADAM NO. 24-34

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