Welex
5" = 100'

COMPANY CHAMPLIN PETROLEUM COMPANY
WELL NO.1 PUCKETT 13-36
FIELD DIKELAND
COUNTY COLUMBIA STATE OR

DUAL INDUCTION GUARD LOG

COMPANY CHAMPLIN PETROLEUM COMPANY
WELL NO.1 PUCKETT 13-36
FIELD DIKELAND
COUNTY COLUMBIA STATE OREGON
API No.:
Location: 1325' NORTH & 800' EAST OF THE SOUTHWEST CORNER OF: (W.B.& M.)
Other Services: C/AVI, CDL/DSN, CSNG, DIP
Sec. 36 Twp 8N Rge 5W

Permanent Datum G.L. Elev. 0
Log Measured From K.B. OR 11.4 Ft. Above Perm. Datum
Drilling Measured From K.B.
Elev.: KB 11.4
DF
GL 0

RECEIVED
JAN 27 1986
DOGAMI
Portland

Date	8-13-84			
Run No.	TWO			
Depth—Driller	5720			
Depth—Welex	5717			
Btm. Log Inter.	5712			
Top Log Inter.	1373			
Casing—Driller	7 @1375	@	@	@
Casing—Welex	1373			
Bit Size	6 1/4			
Type Fluid in Hole	LIGNOSULF.			
Dens. | Visc.	10.2 | 49	|	|	|
pH | Fluid Loss	9.5 | 5.0 ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	0.67 @ 91 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	0.52 @ 78 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	1.37 @ 75 °F	@ °F	@ °F	@ °F
Source R_{mf} | R_{mc}	MEASURED	|	|	|
R_m @ BHT	0.50 @126 °F	@ °F	@ °F	@ °F
Time Since Circ.	3 HRS.			
Time On Bottom	N/A			
Max. Rec. Temp.	126 °F@BHT.	°F@	°F@	°F@
Equip. | Location	2890 | WOODLAND	|	|	|
Recorded By	GREUTERT			
Witnessed By	ZEMP			

Fold Here

Service Ticket No. 153993 API Serial No. PGM Version 1.7B

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	0.50 @126 °F	@ °F
R_{mf} BHT	0.33 @126 °F	@ °F
R_{mc} BHT	0.84 @126 °F	@ °F

RESISTIVITY RWA SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

COMPUTED FROM

a	m

RESISTIVITY EQUIPMENT DATA

Run No.	Tool Type and No.	Pad Type	Tool Position	Other
TWO	DIL 98853		CENT.	
	GRD 24520		CENT.	

Borehole Corrections
shallow medium deep

EQUIPMENT DATA

GAMMA		ACOUSTIC		DENSITY		NEUTRON	
Run No.		Run No.		Run No.		Run No.	
Serial No.		Serial No.		Serial No.		Serial No.	
Model No.		Model No.		Model No.		Model No.	
Diameter		No. of Cent.		Diameter		Diameter	
Detector Model No.		Spacing		Log Type		Log Type	
Type				Source Type		Source Type	
Length		LSA	☐ Yes ☐ No	Serial No.		Serial No.	
Distance to Source		FWDA	☐ Yes ☐ No	Strength		Strength	

LOGGING DATA

GENERAL				GAMMA		ACOUSTIC			DENSITY			NEUTRON		
Run No.	Depths		Speed Ft./Min.	Scale		Scale		Matrix	Scale		Matrix	Scale		Matrix
	From	To		L	R	L	R		L	R		L	R	
a =		m =				Δt_{sh} =		Δt_{fl} =	ρ_{fl} =					

REMARKS:

CASED HOLE PARAMETERS	
From:	To:
Bit Size	
Csg. O.D.	
Csg. Wt.	

R.M.C.

Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible except where due to gross negligence or willful misconduct for any loss, damages, or expenses resulting from the use thereof.

5"=100'

POTENTIAL MILLIVOLTS

→ 10 ←

CALIPER

Average Diameter In.

Rmf at °F.

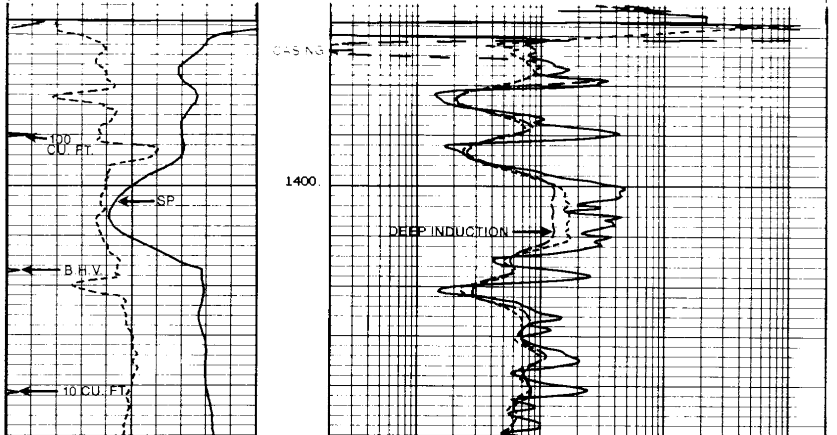
RESISTIVITY OHMS M²/M

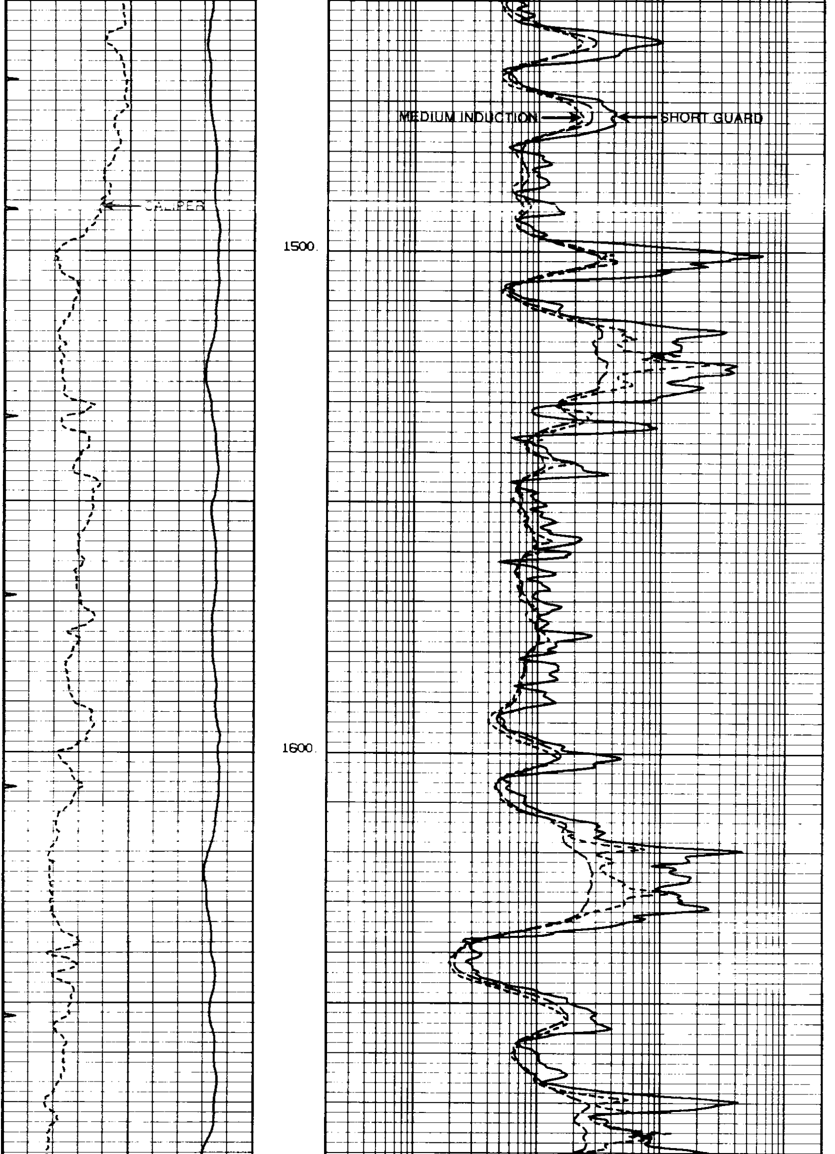
DEEP INDUCTION

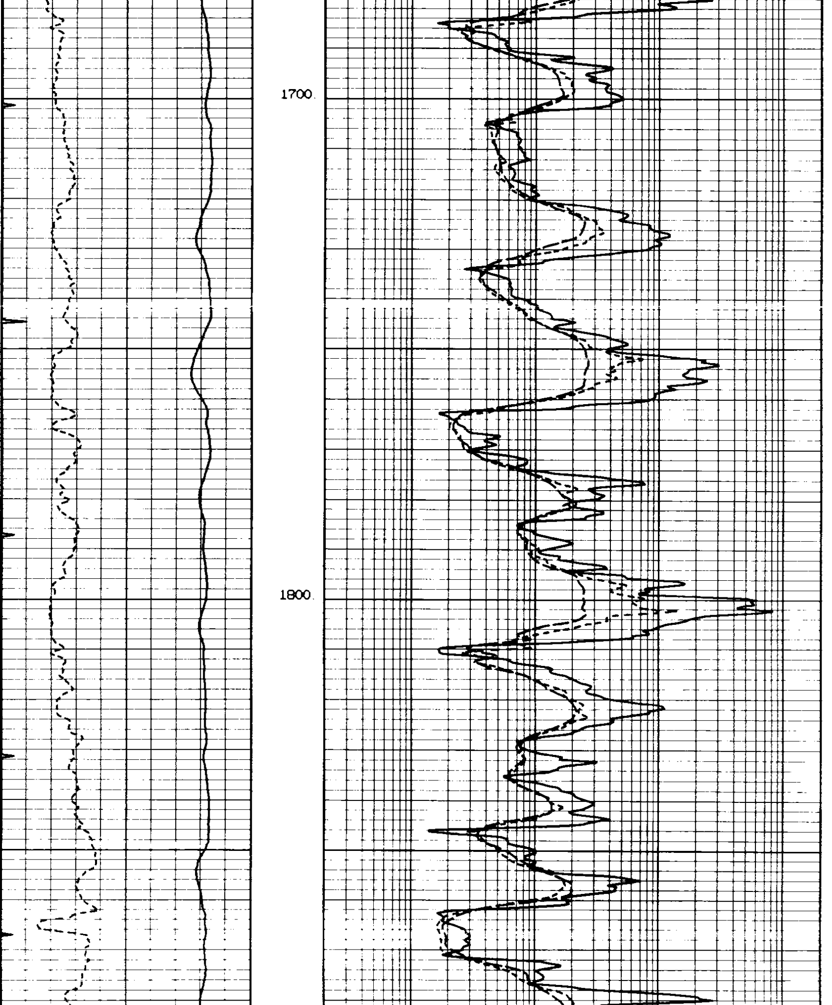
MEDIUM INDUCTION

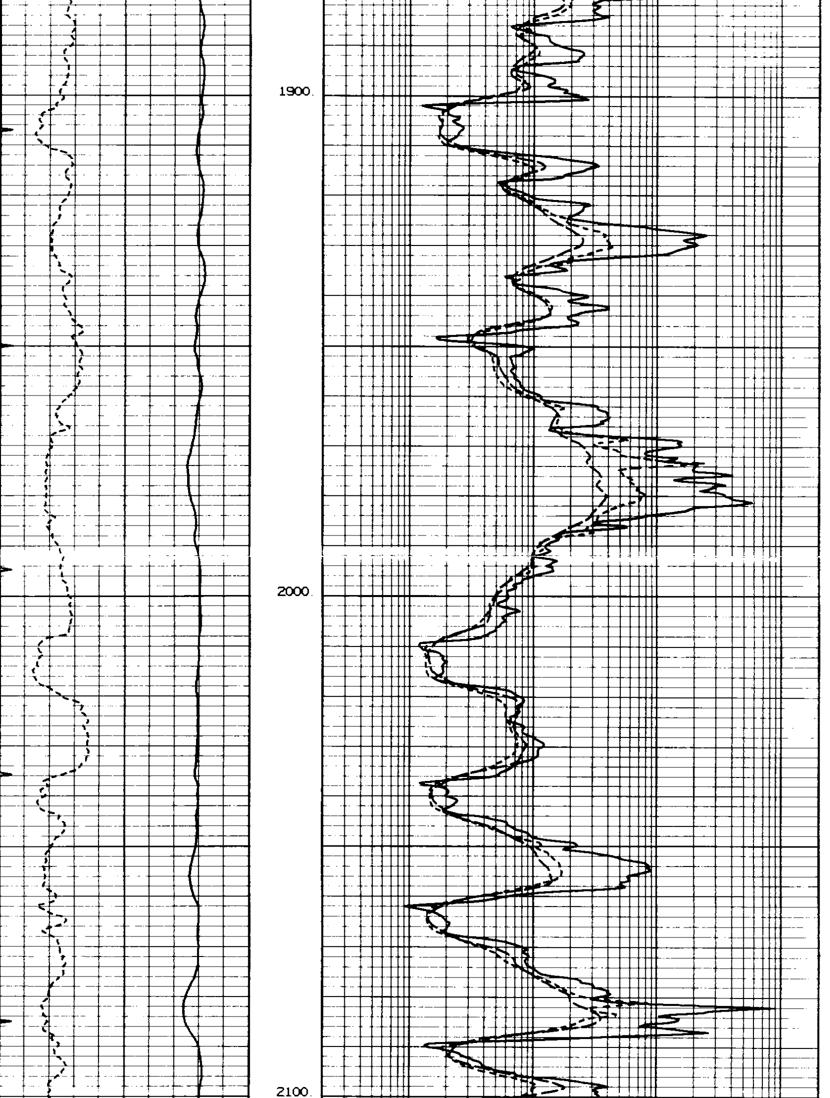
SHALLOW GUARD

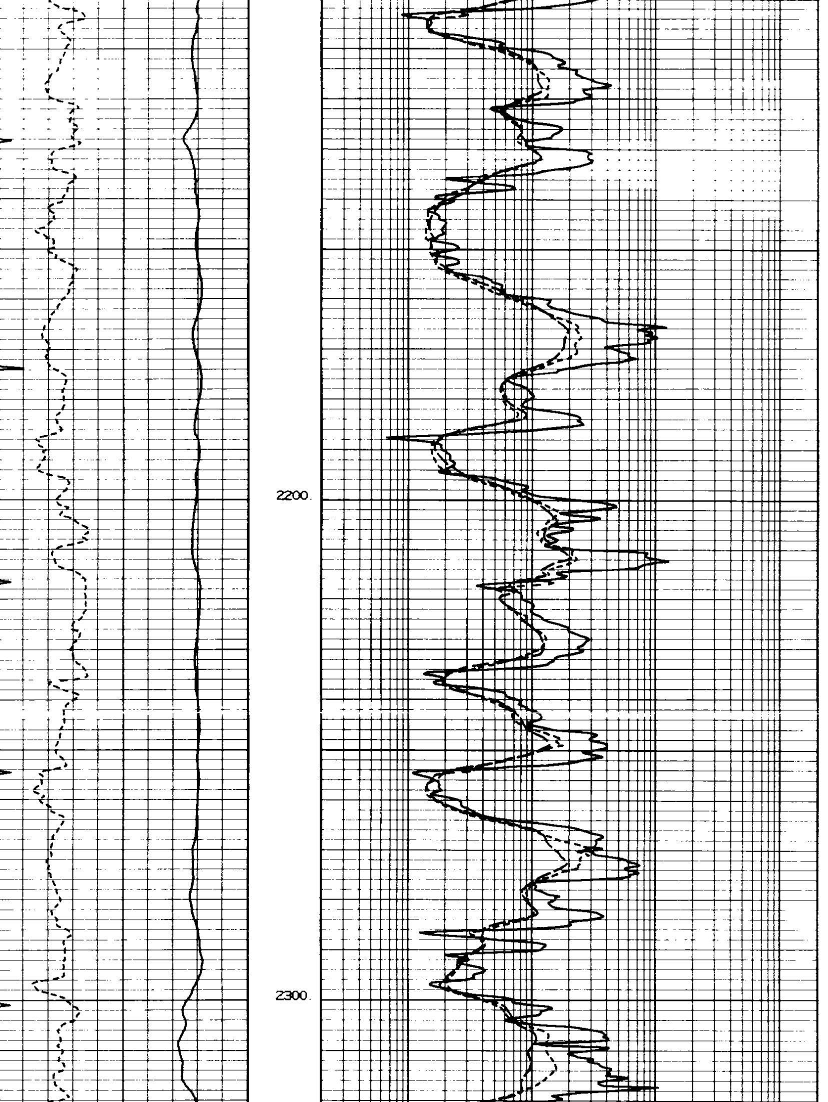
.2 .5 1 2 5 10 20 50 100 200 500 1000 2000

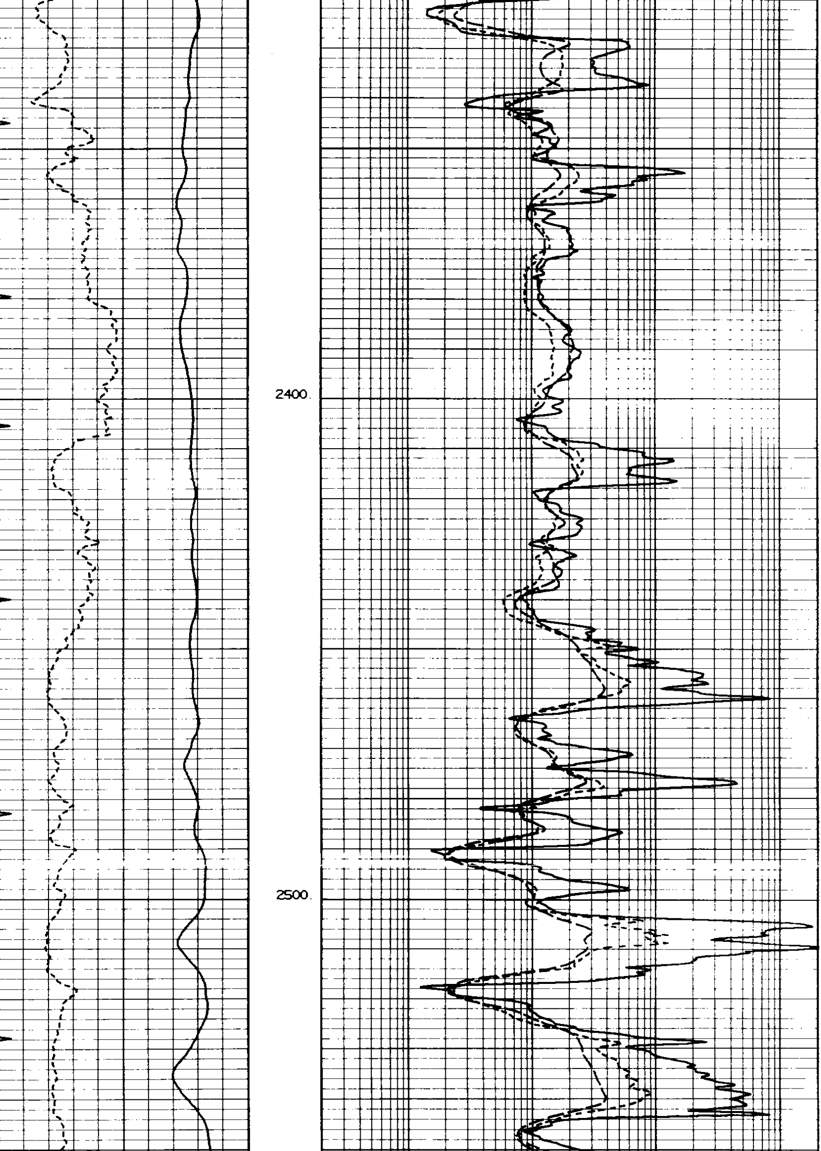


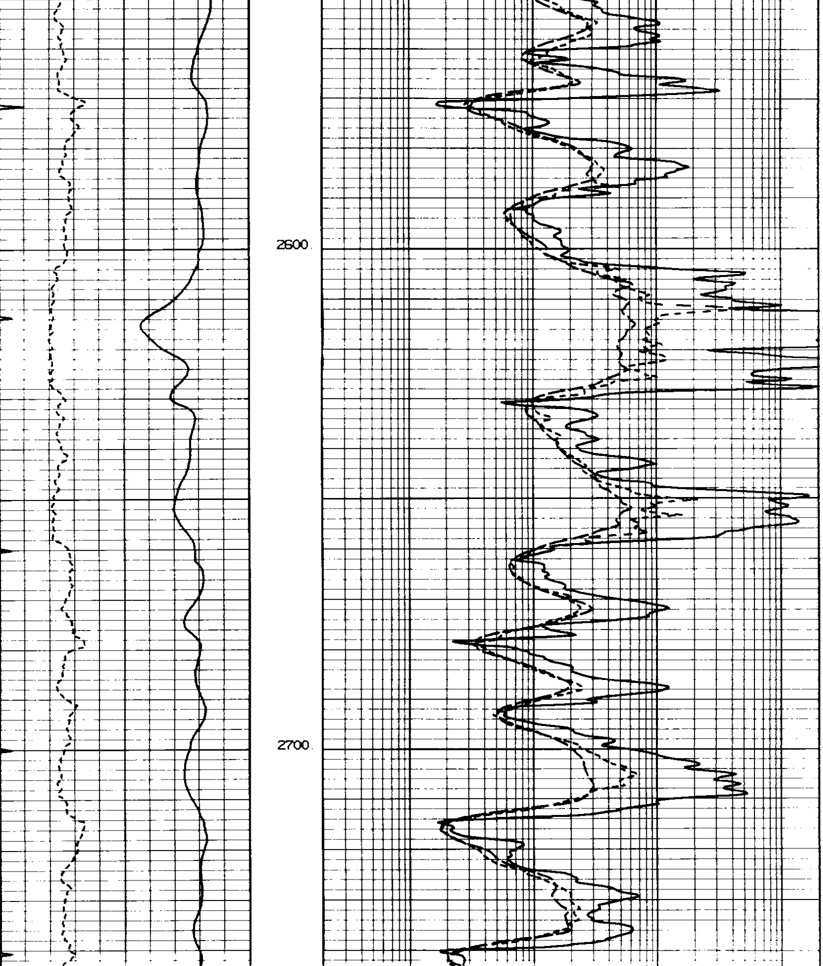


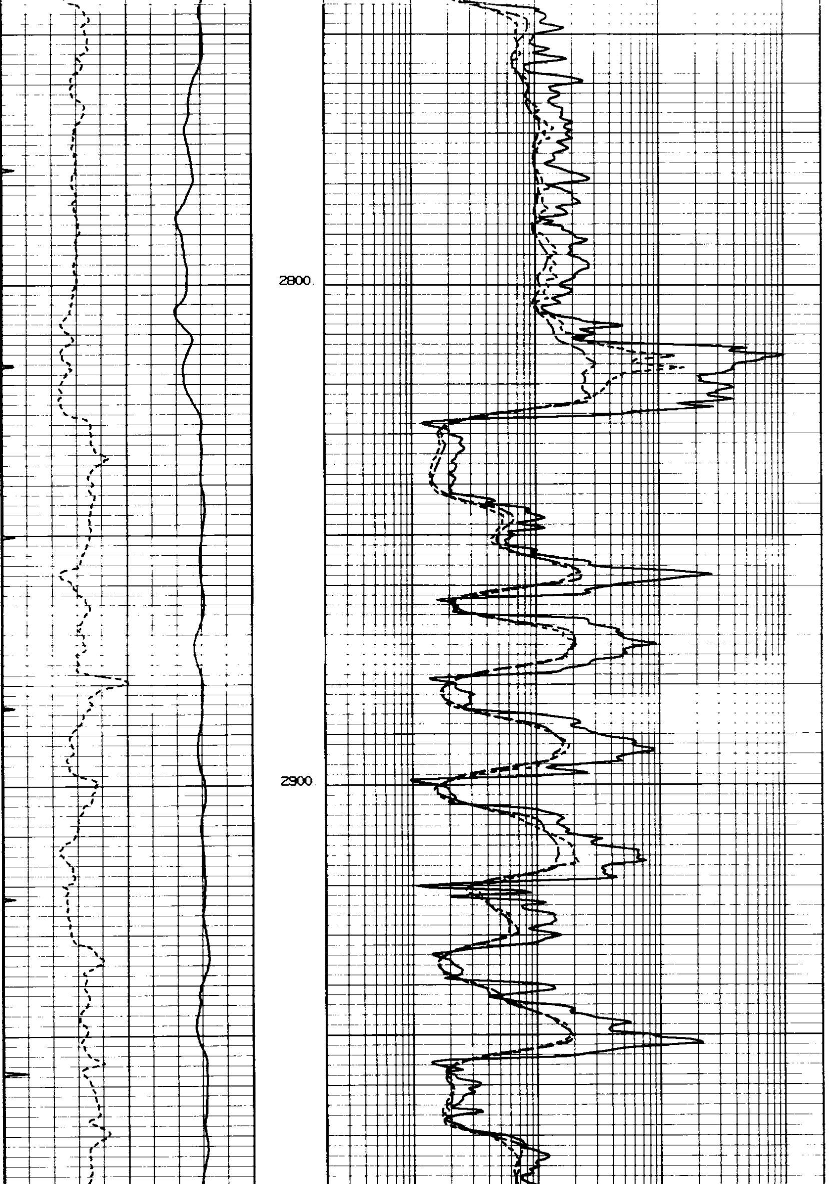


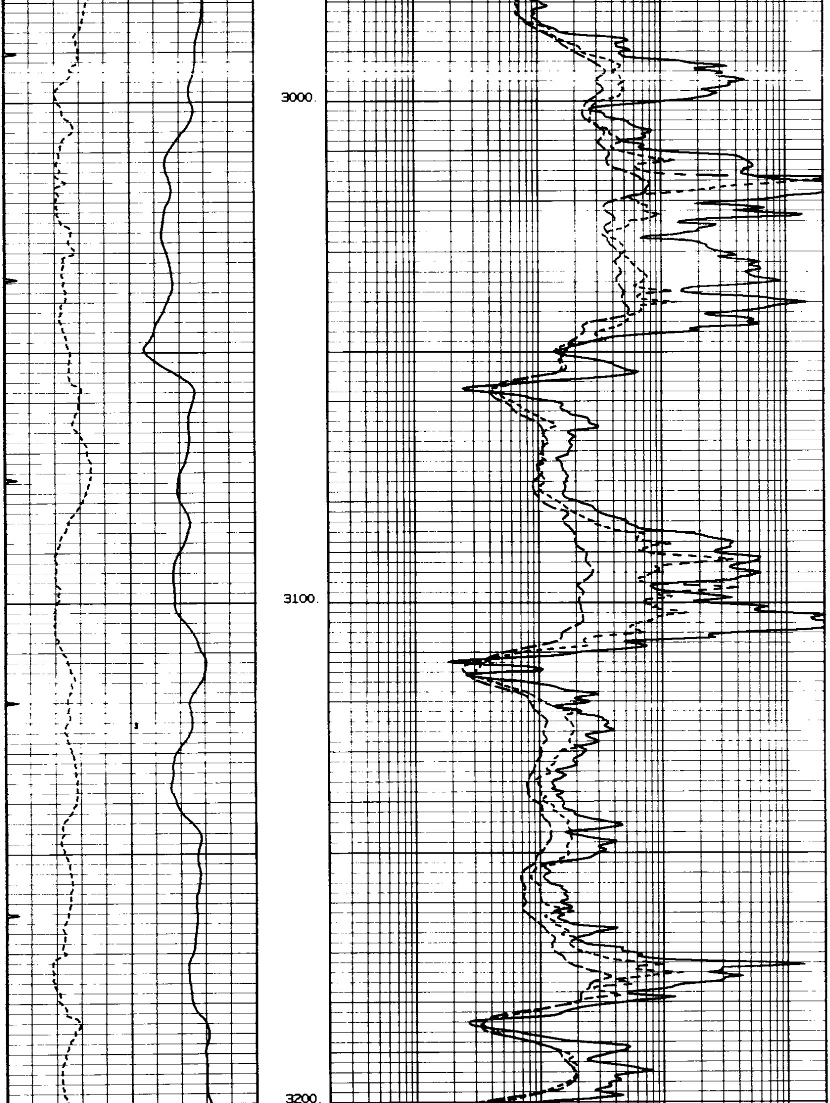


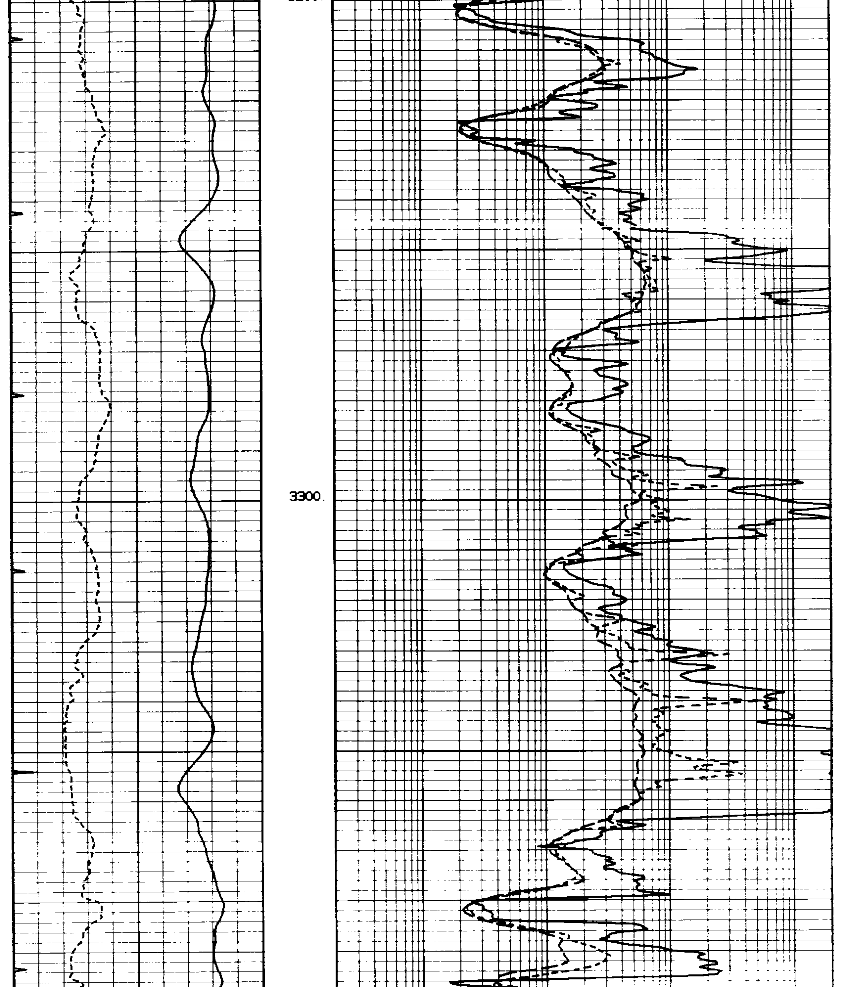


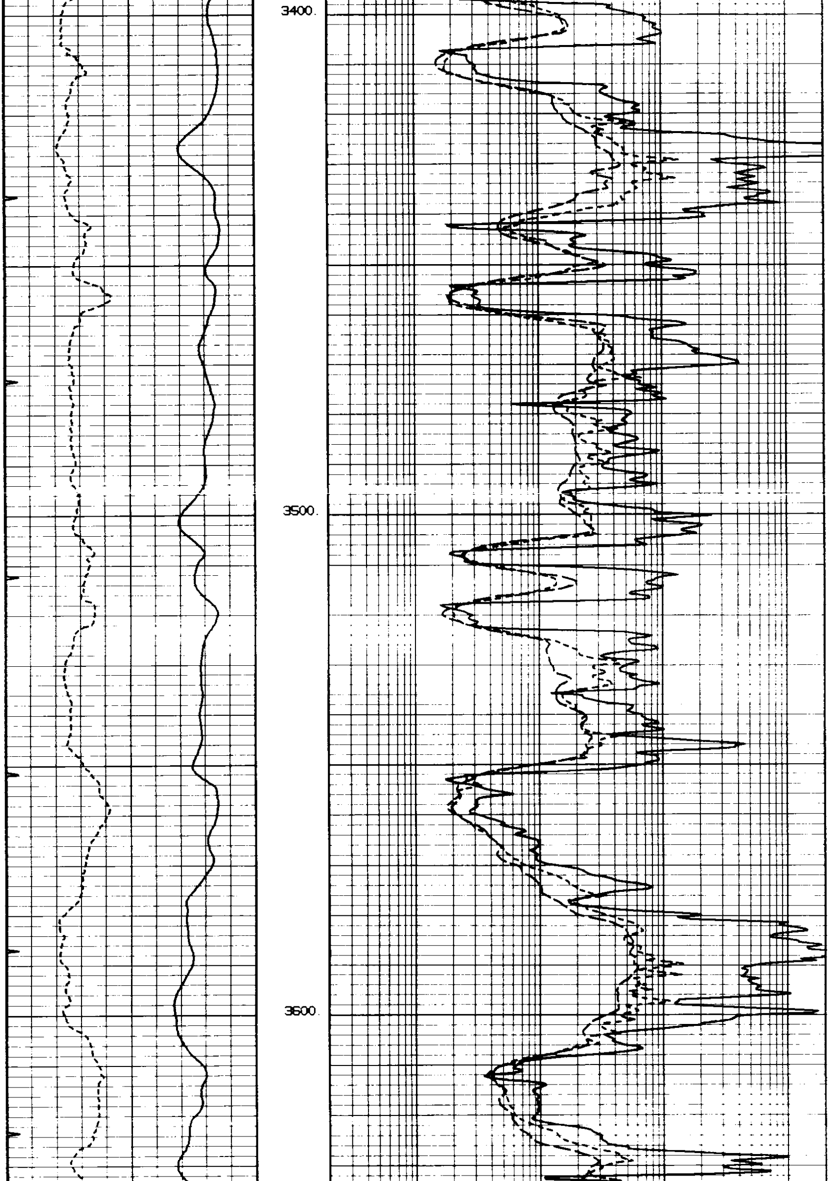


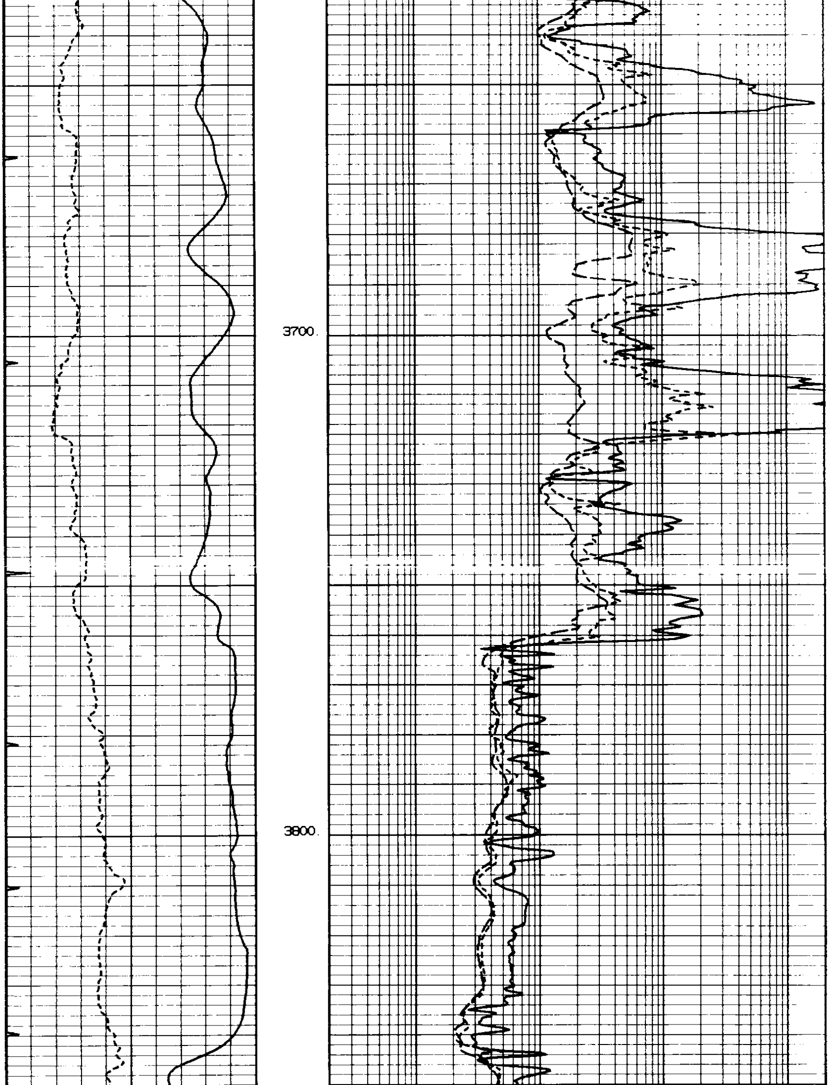


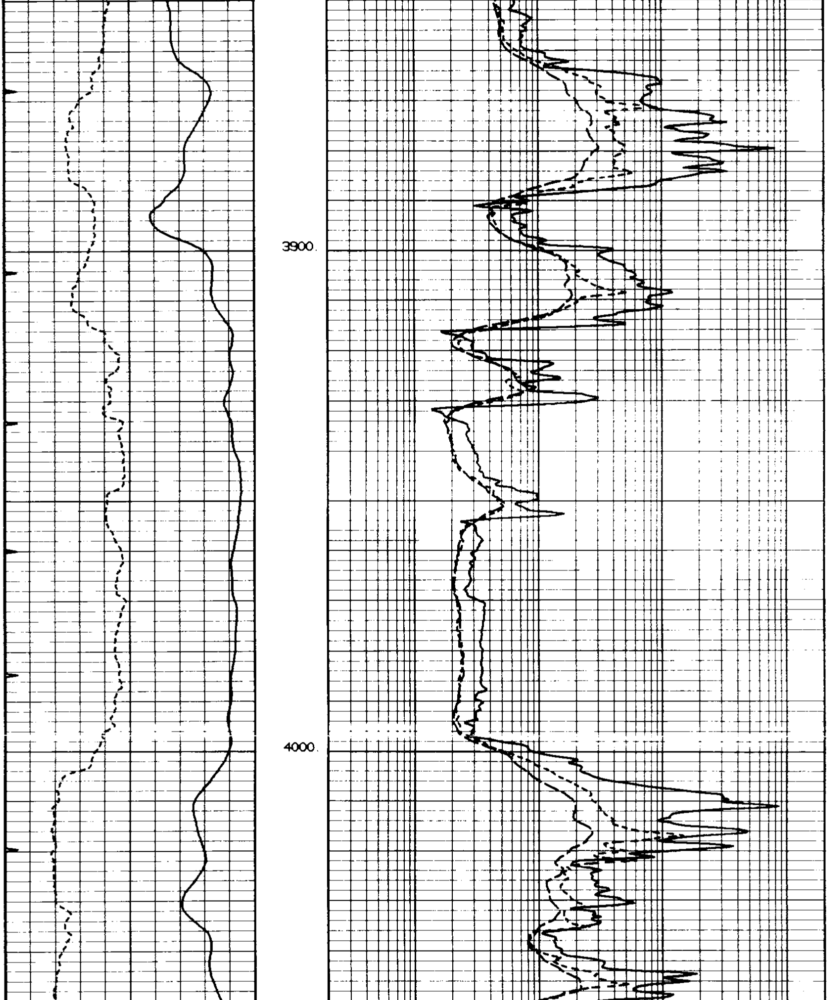


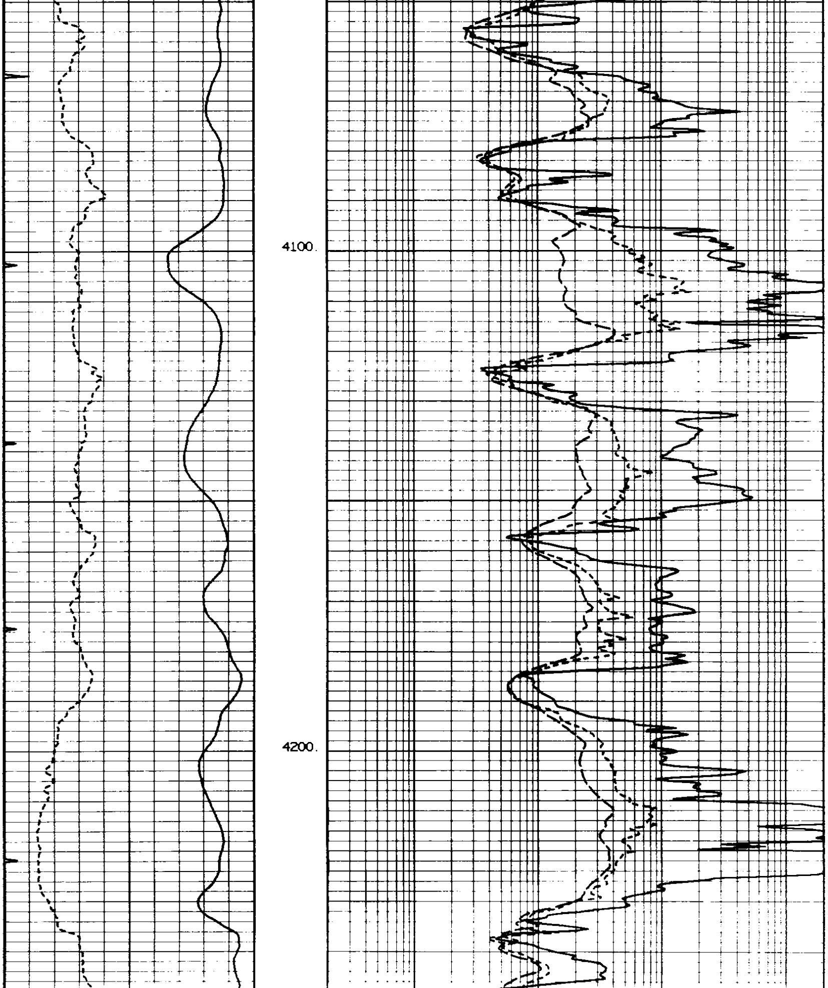


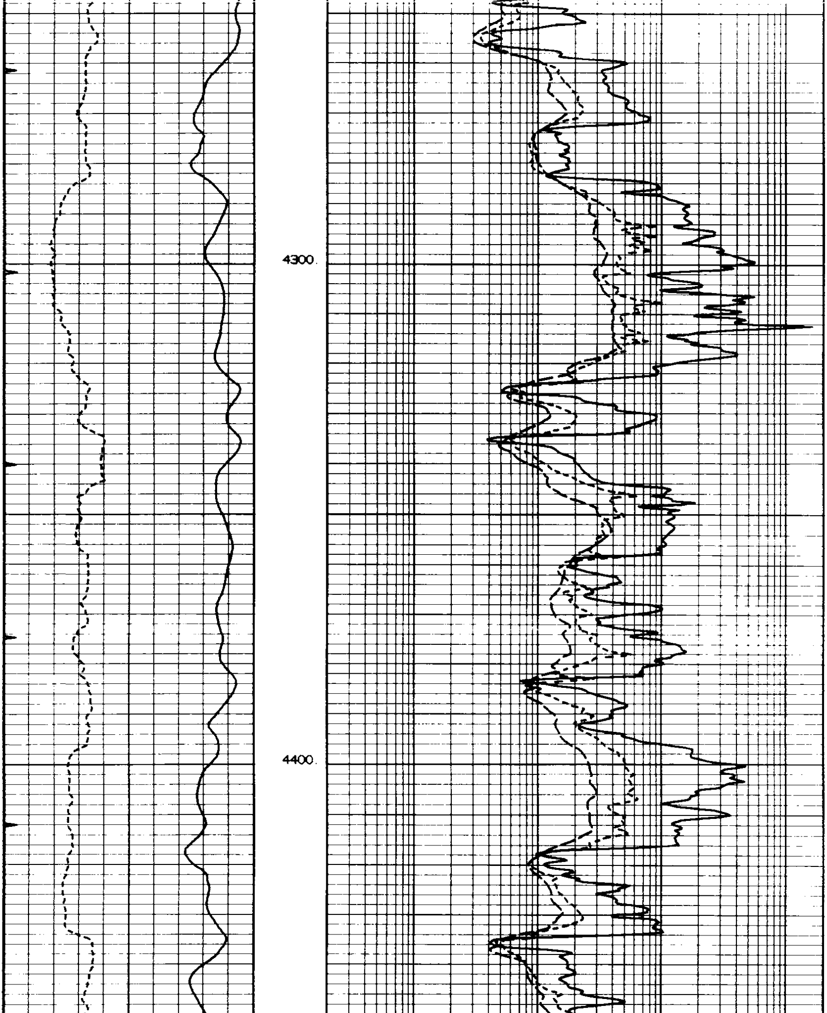


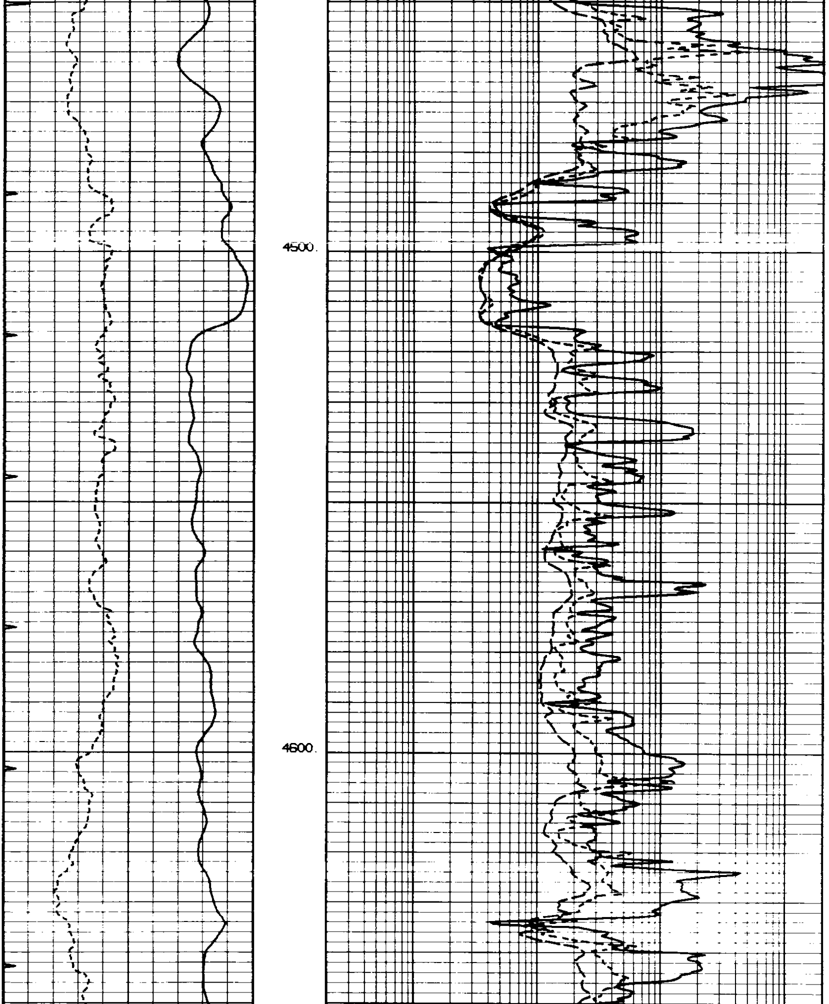


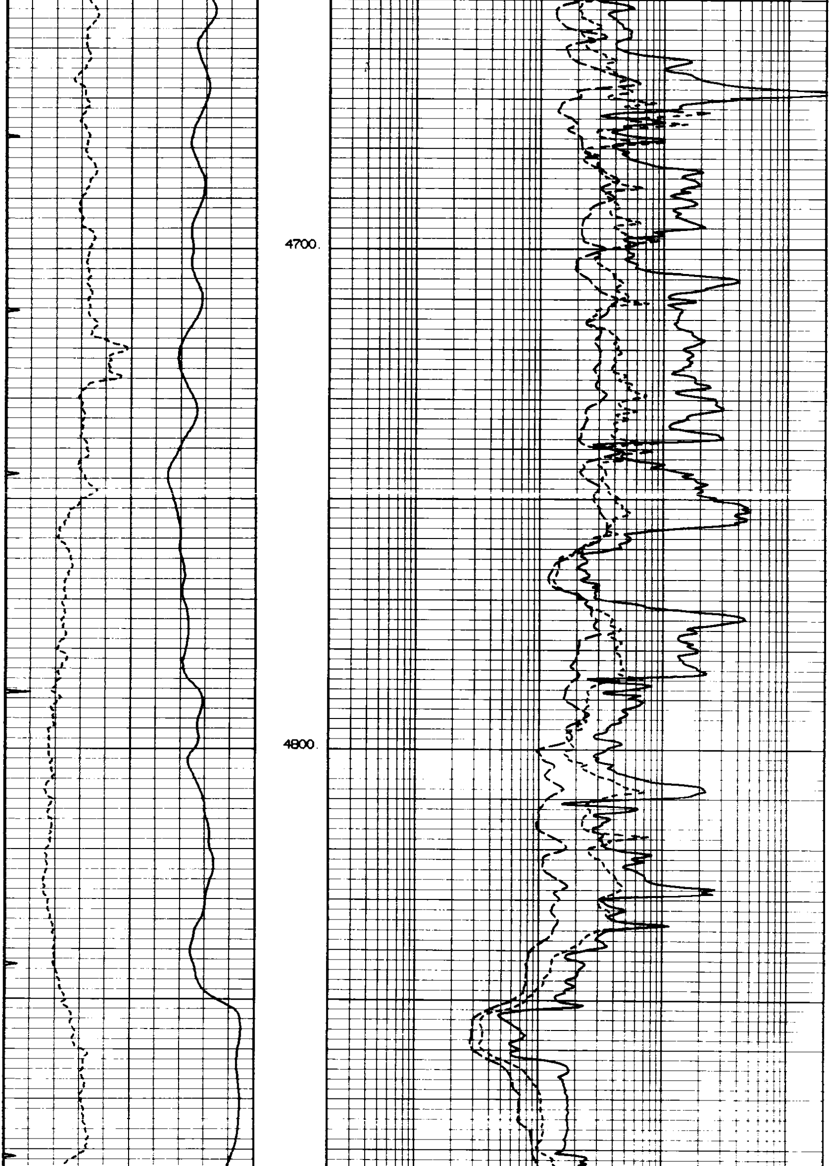


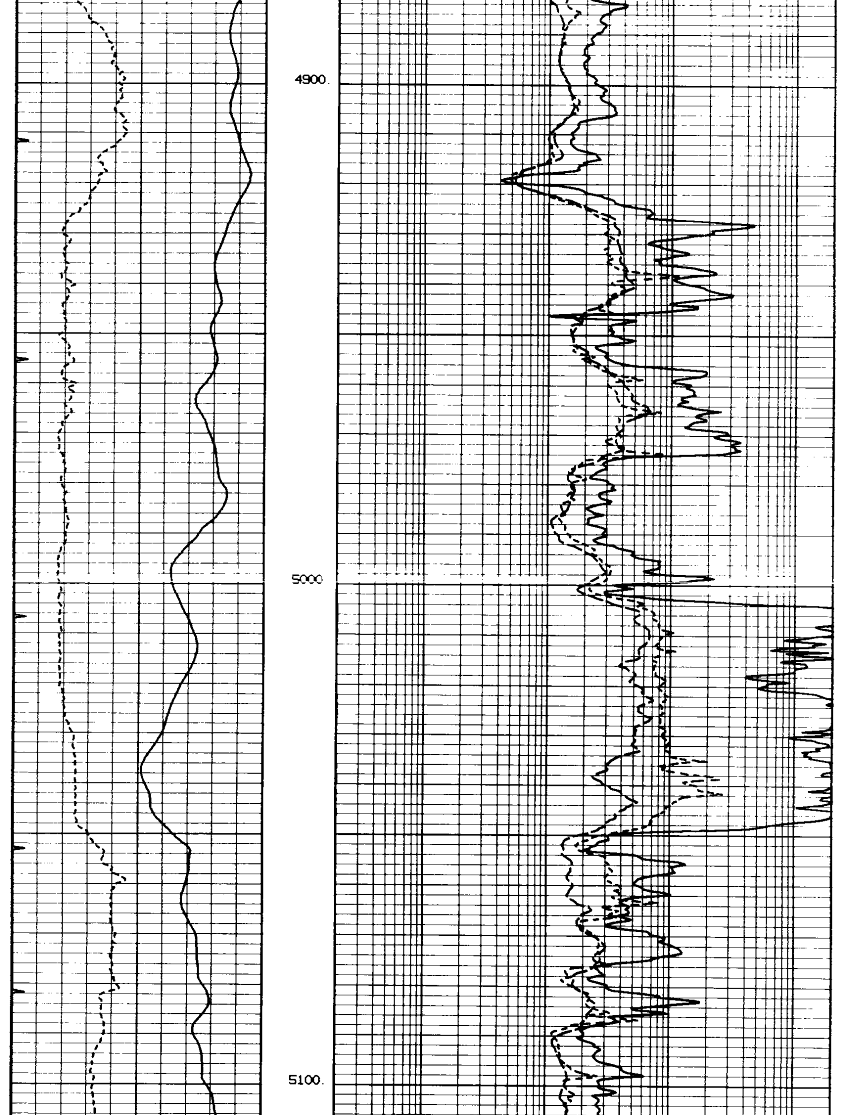


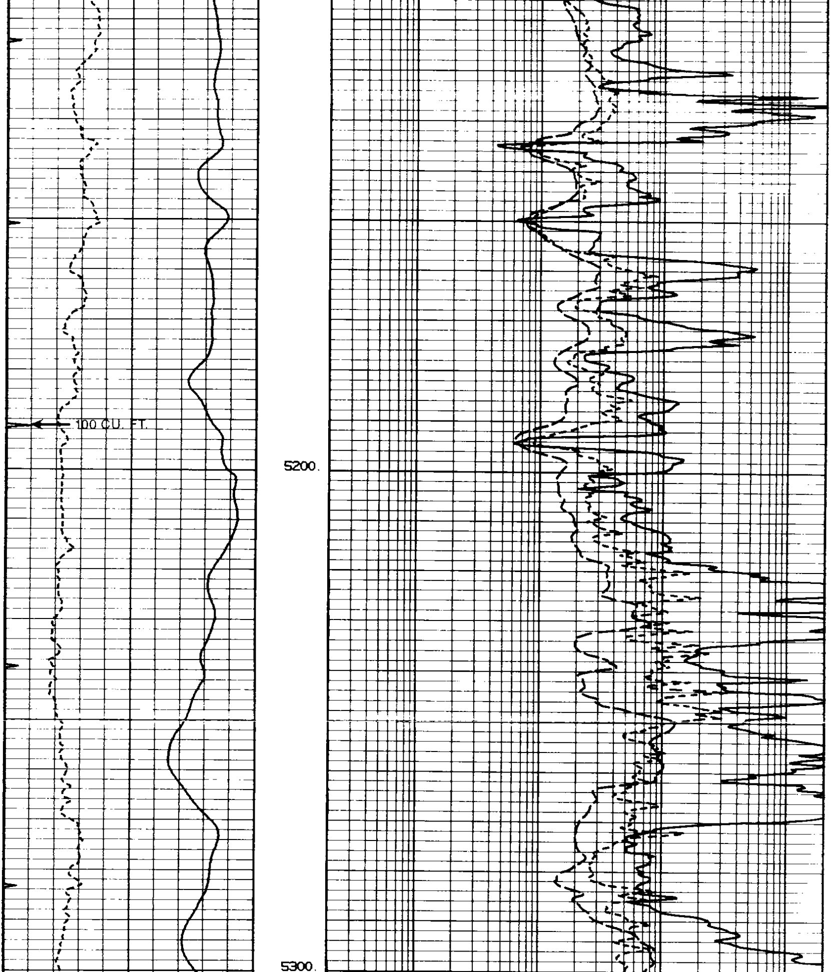


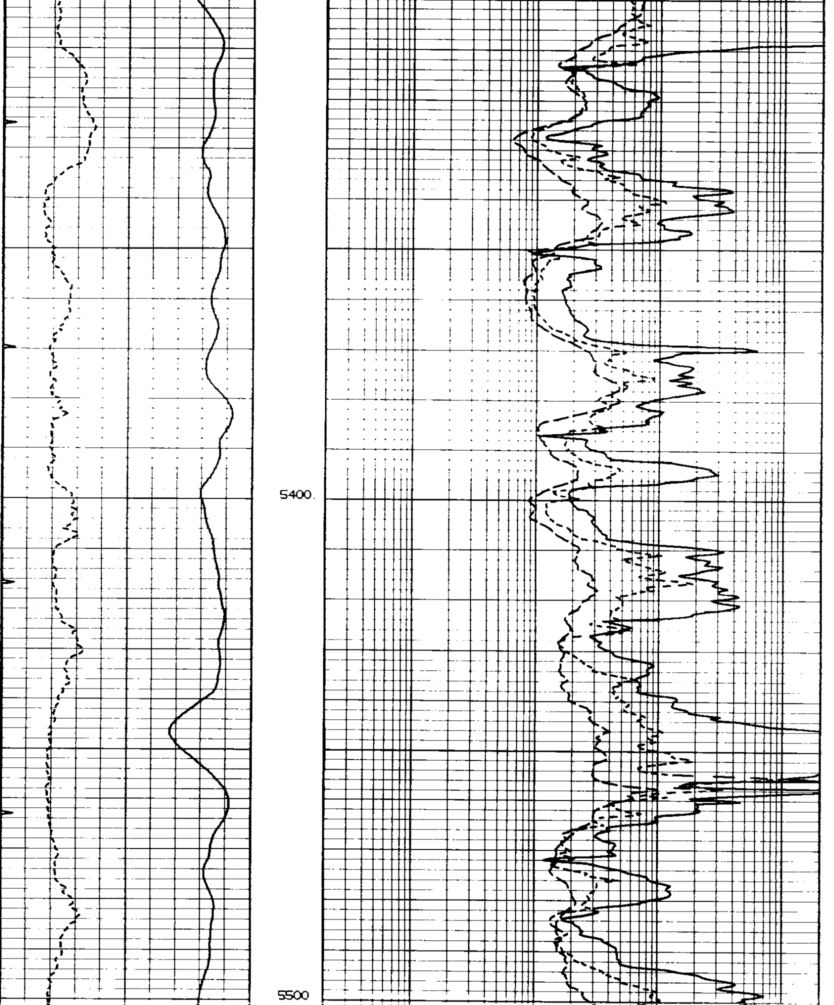


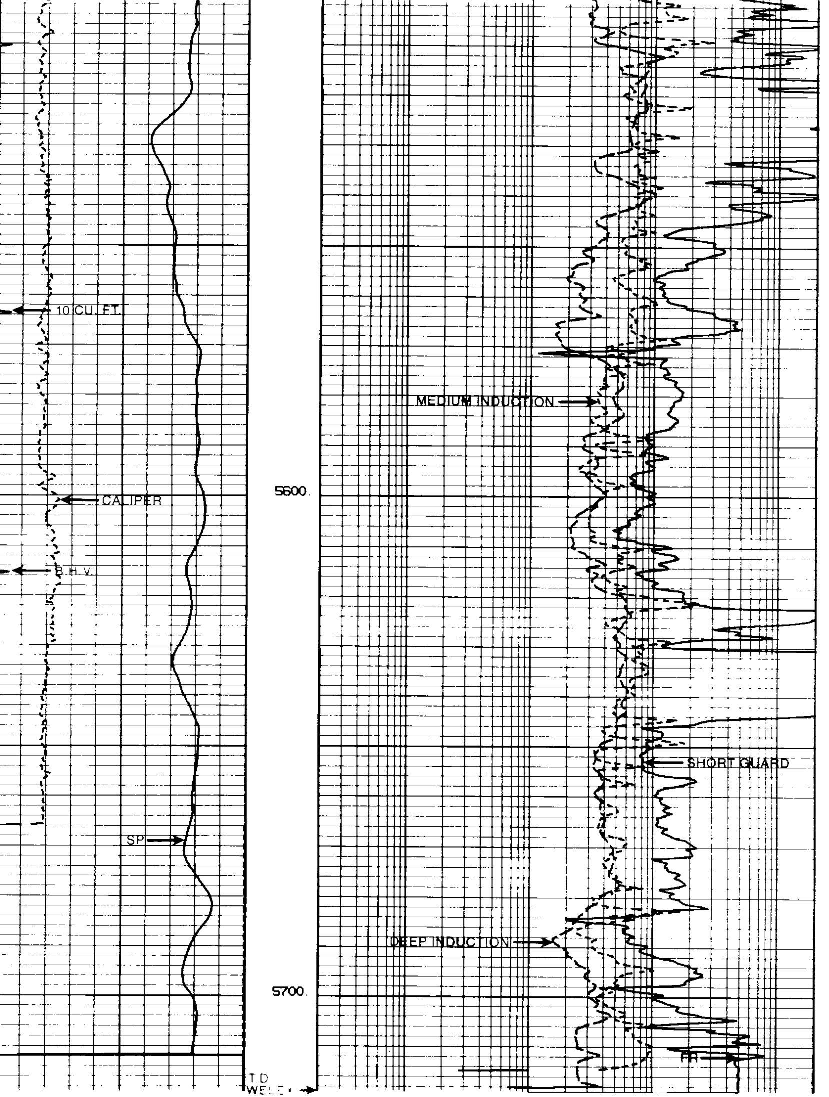


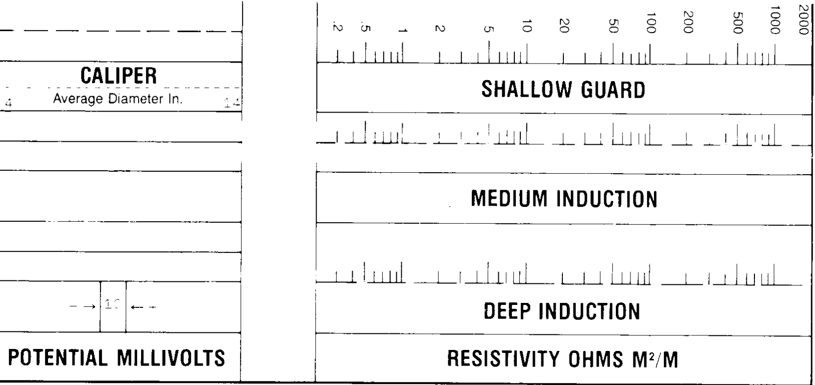








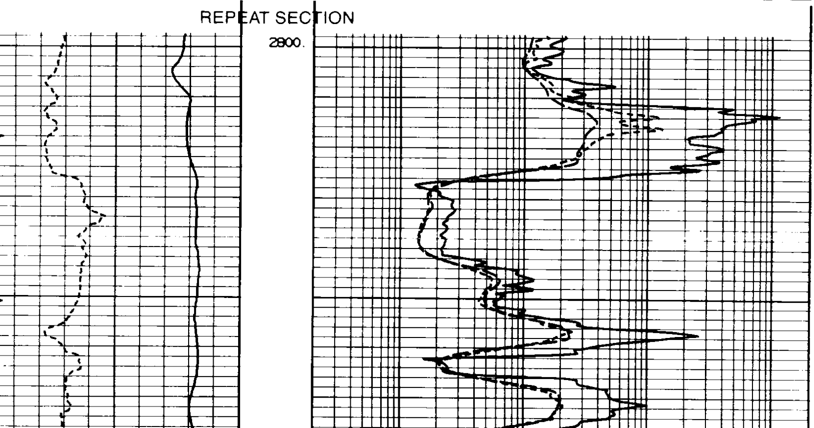


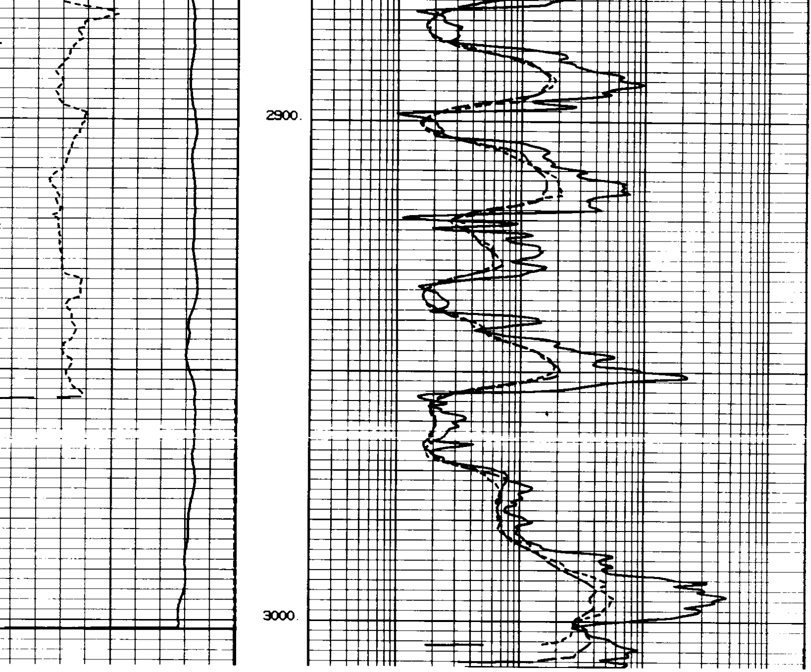


Rmf [illegible] at [illegible] °F.

CHAMPLIN PETROLEUM COMPANY
NO.1 PUCKETT 13-26
DIKELAND
COLUMBIA COUNTY, OREGON

T.D. LOGGED [illegible]
T.D. DRILLER [illegible]
T.D. WELEX [illegible]





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                    AFTER LOG CALI CALIBRATION SUMMARY

PERFORMED   08/ 13/ 84
PROGRAM VERSION V1.7


                BEFORE         AFTER   UNITS
VALUE 1             8.        7.7414    INCH
VALUE 2            16.        15.727    INCH


SER # 70875        MOD. # 202    SRC. # 0          FLD CAL  # 0



                 SHORT GUARD(NORMAL) AFTER SURVEY CALIBRATION

PERFORMED   08/ 13/ 84     LAST SHOP CALIB   07/ 22/ 84
PROGRAM VERSION V1.7

                   BEFORE    AFTER   UNITS
LOW INT CAL         2.2784  2.3671    OHMM
HIGH INT CAL        235.98  235.54    OHMM

SER # 24520        MOD. # 141    SRC. # 0          FLD CAL. # 0



                 AFTER  LOG  FIELD CALIBRATION SUMMARY


PERFORMED   08/ 13/ 84     LAST SHOP CALIB   07/ 22/ 84
PROGRAM VERSION V1.7
```

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                           DEEP INDUCTION          MEDIUM INDUCTION
     ITEM               AFTER       BEFORE        AFTER       BEFORE
  TOOL ZERO            -0.147        0.          -0.192         0.
  INT. CALIB.          481.28      472.68        504.8       504.27
  MANDREL ERROR        -7.763                    10.661




SER # 98853     MOD. # 280    SRC. # 0         FLD CAL. # 0




               SHORT GUARD(NORMAL) BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED   08/ 13/ 84    LAST SHOP CALIB   07/ 22/ 84
PROGRAM VERSION V1.7

              MEASURED CALIBRATED UNITS
LOW INT CAL     2.2784  2.2922   OHMM
HIGH INT CAL    235.98  234.07   OHMM

SER # 24520     MOD. # 141    SRC. # 0         FLD CAL. # 0




               BEFORE LOG  FIELD CALIBRATION SUMMARY

PERFORMED   08/ 13/ 84    LAST SHOP CALIB   07/ 22/ 84
PROGRAM VERSION V1.7

                           DEEP INDUCTION          MEDIUM INDUCTION
     ITEM                FIELD        SHOP         FIELD        SHOP
  TOOL ZERO            -0.11         0.          -0.128         0.
  INT. CALIB.          483.12      472.68        506.84      504.27
  MANDREL ERROR        -7.763                    10.661




SER # 98853     MOD. # 280    SRC. # 0         FLD CAL. # 0




                    SHOP CALIBRATION SUMMARY

PERFORMED   08/ 13/ 84    LAST SHOP CALIB   07/ 22/ 84
PROGRAM VERSION V1.7

                           DEEP INDUCTION          MEDIUM INDUCTION
     ITEM            MEASURED    CALIBRATED    MEASURED    CALIBRATED
  TOOL ZERO          -0.221          0.        -0.256           0.
  INT. CALIB.         473.1        472.68      506.37        504.27
  WHEEL              500.58        500.15      502.42        500.33
  MANDREL ERROR                    -7.763                    10.661



SER # 98853     MOD. # 280    SRC. # 0         FLD CAL. # 0
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