Welex
5"=100'

COMPENSATED DENSITY DUAL SPACED NEUTRON LOG

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

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.)
Sec. 36 Twp 8N Rge 5W

Other Services:
DIL
C/AVI
CSNG
DIP

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

Elev.: K.B 11.4
D.F
G.L 0

RECEIVED
JAN 27 1986
@
DOGAMI
Portland

Date	8-13-84			
Run No.	ONE			
Depth—Driller	5720			
Depth—Welex	5717			
Btm. Log Inter.	5715			
Top Log Inter.	500			
Casing—Driller	7 @ 1375	@	@	@
Casing—Welex	1373			
Bit Size	6 1/4			
Type Fluid in Hole	SIGNOSULF.			
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.	8 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 1.73

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	@ °F	@ °F
R_{mf} BHT	@ °F	@ °F
R_{mc} BHT	@ °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

Borehole Corrections
shallow medium deep

EQUIPMENT DATA

GAMMA		ACOUSTIC		DENSITY		NEUTRON	
Run No.	ONE	Run No.		Run No	ONE	Run No	ONE
Serial No.	107572	Serial No.		Serial No	24300	Serial No	107572
Model No.	265-A	Model No.		Model No	127-B	Model No.	265-A
Diameter	3 3/8	No. of Cent.		Diameter	3 3/8	Diameter	3 3/8
Detector Model No.	265-A	Spacing		Log Type	CDL	Log Type	DSN
Type	SCINT.			Source Type	Cs 137	Source Type	Am Be
Length	N/A	LSA	☐ Yes ☐ No	Serial No.	DCS	Serial No.	DSN
Distance to Source	N/A	FWDA	☐ Yes ☐ No	Strength	500 mc	Strength	18.5 Ci

LOGGING DATA

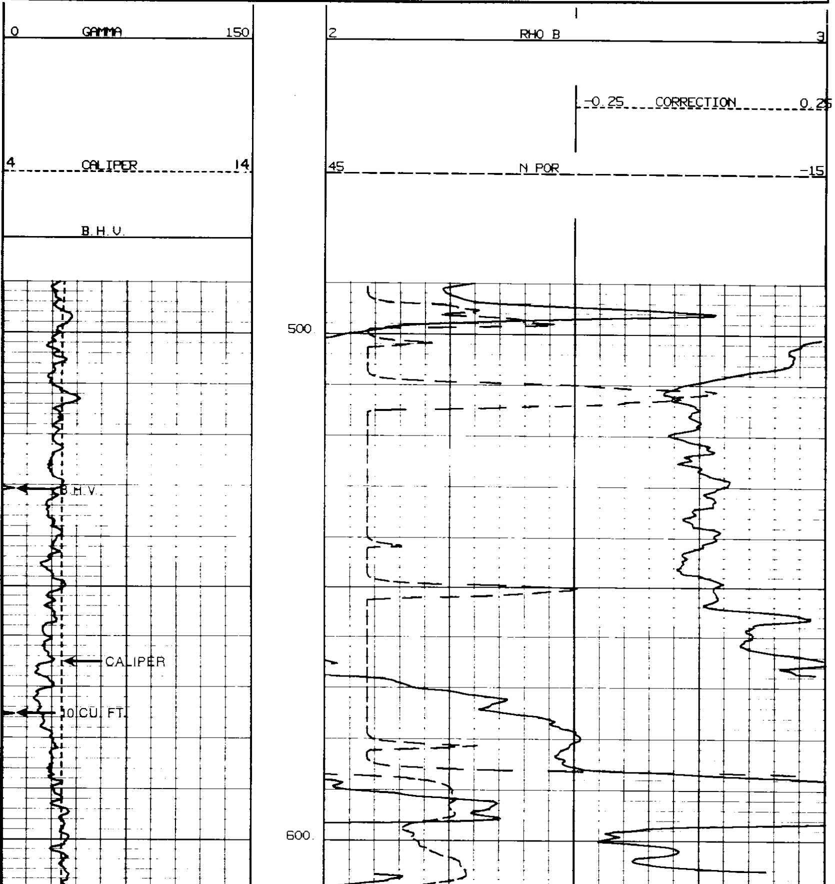
GENERAL				GAMMA		ACOUSTIC			DENSITY			NEUTRON		
Run No.	Depths		Speed Ft./Min.	Scale		Scale		Matrix	Scale		Matrix	Scale		Matrix
	From	To		L	R	L	R		L	R		L	R	
ONE	500	5712		0	150				2.0	3.0		45%	-15%	
a =		m =				Δt_{sh} =	Δt_{fl} =		ρ_{fl} =					

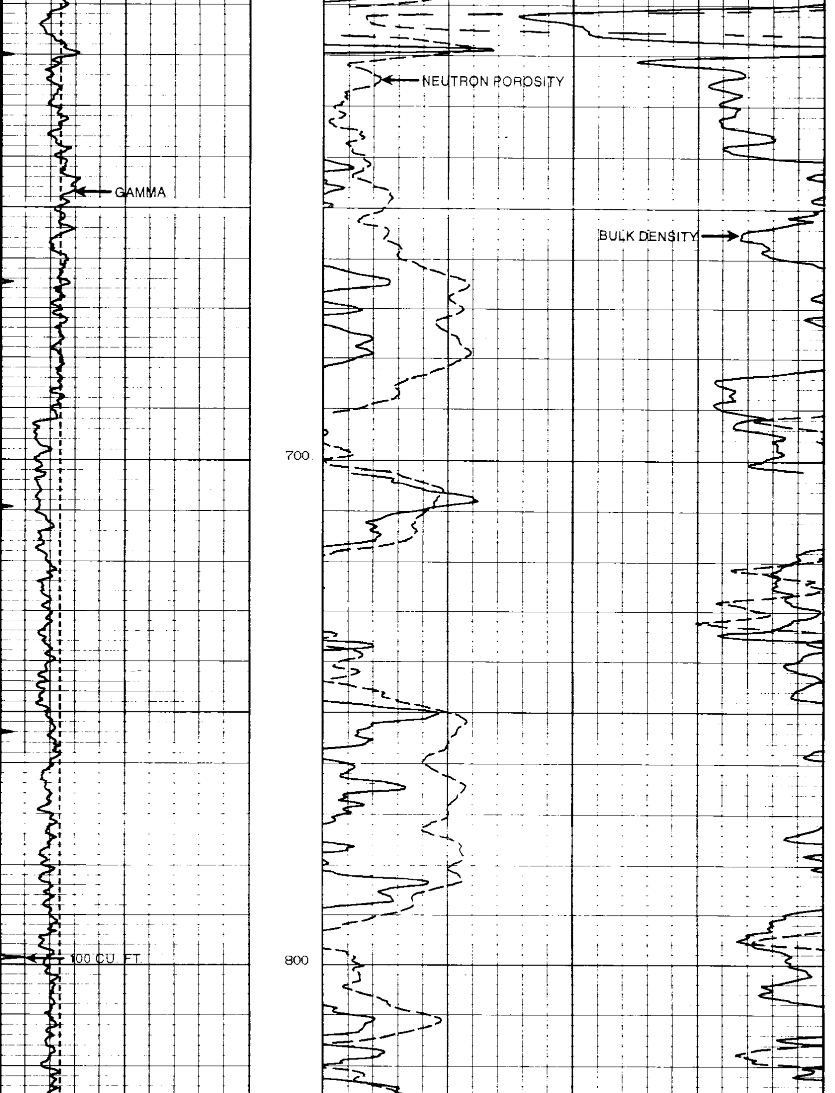
REMARKS:

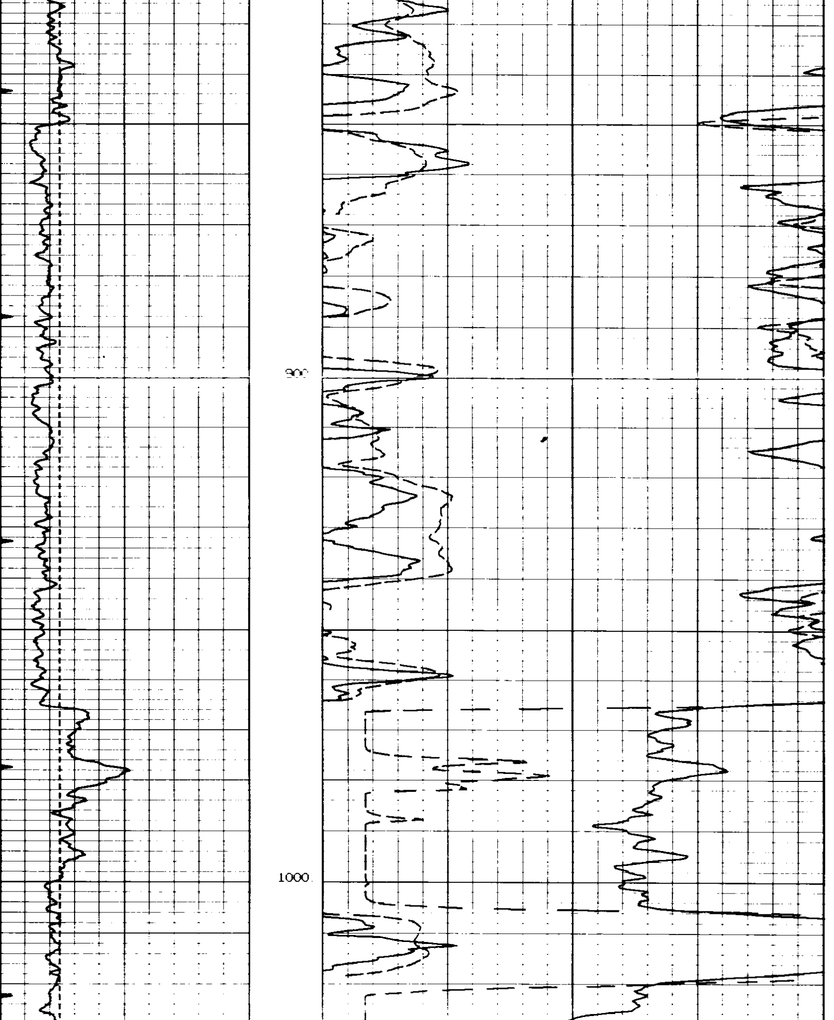
R.M.C.

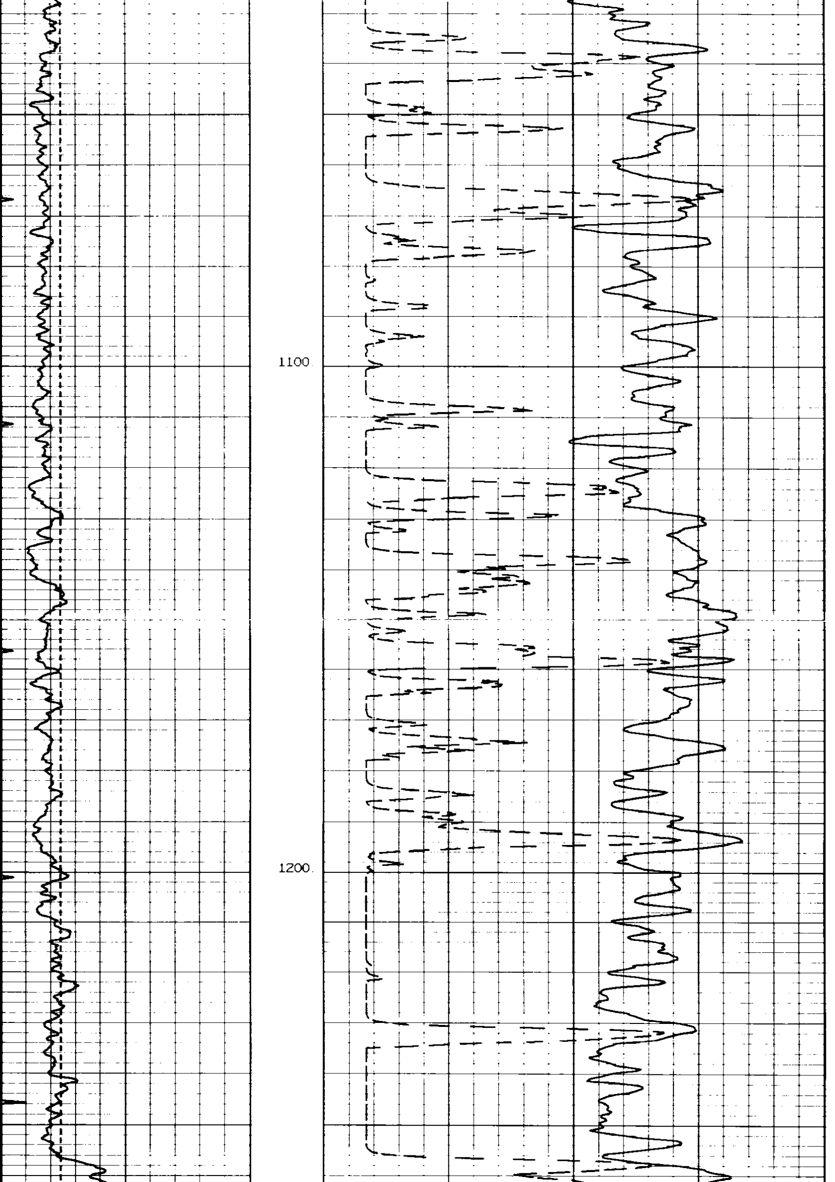
CASED HOLE PARAMETERS	
From:	To
Bit Size	
Csg. O.D.	
Csg. Wt.	

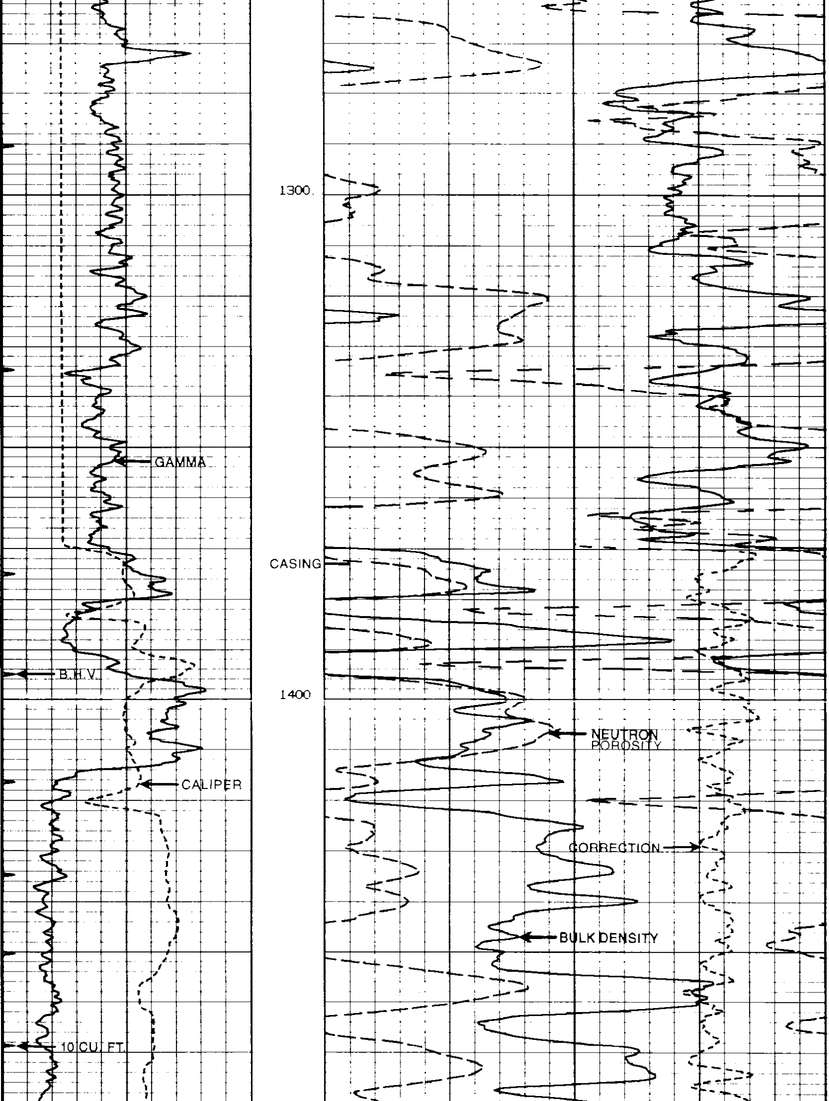
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations 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.

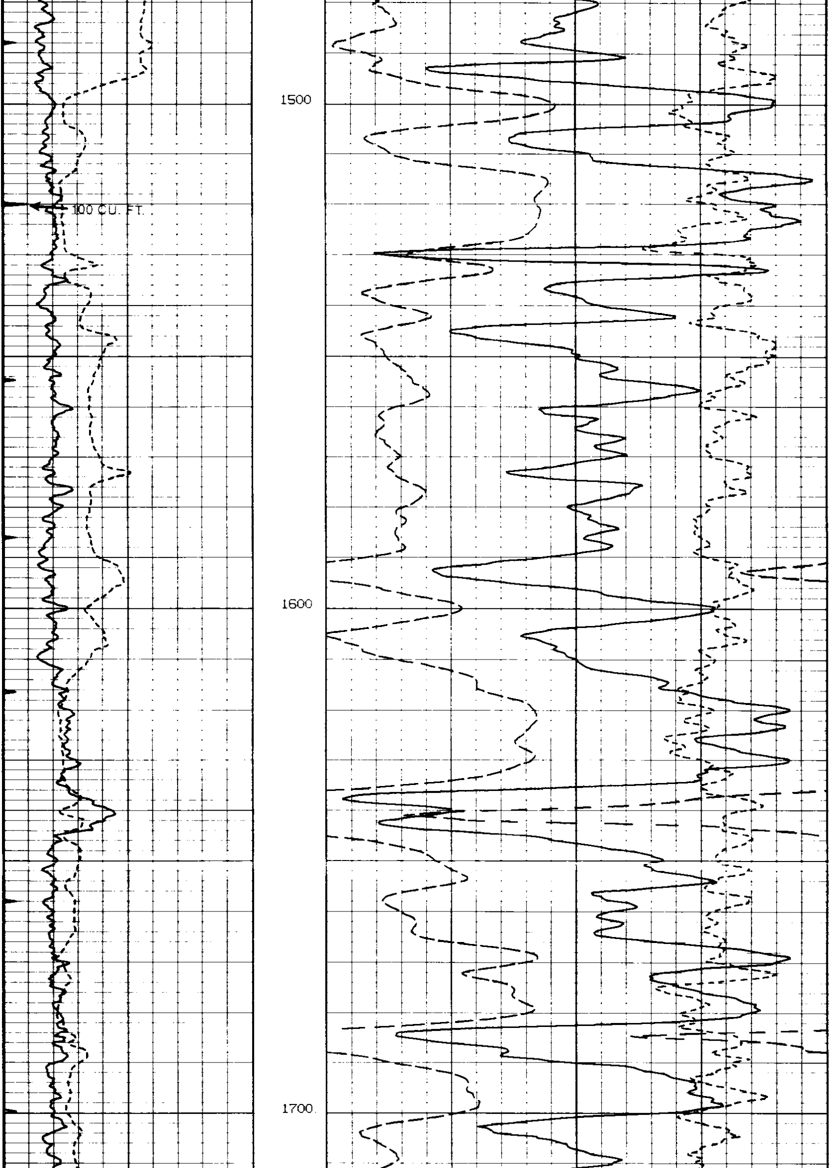


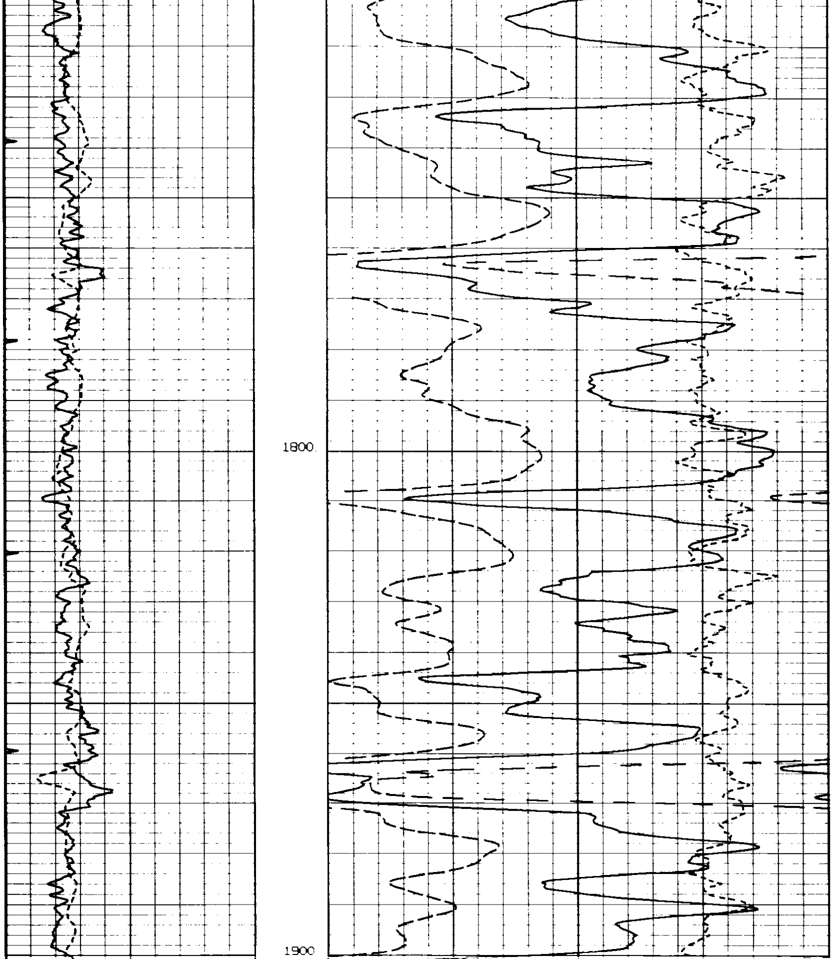


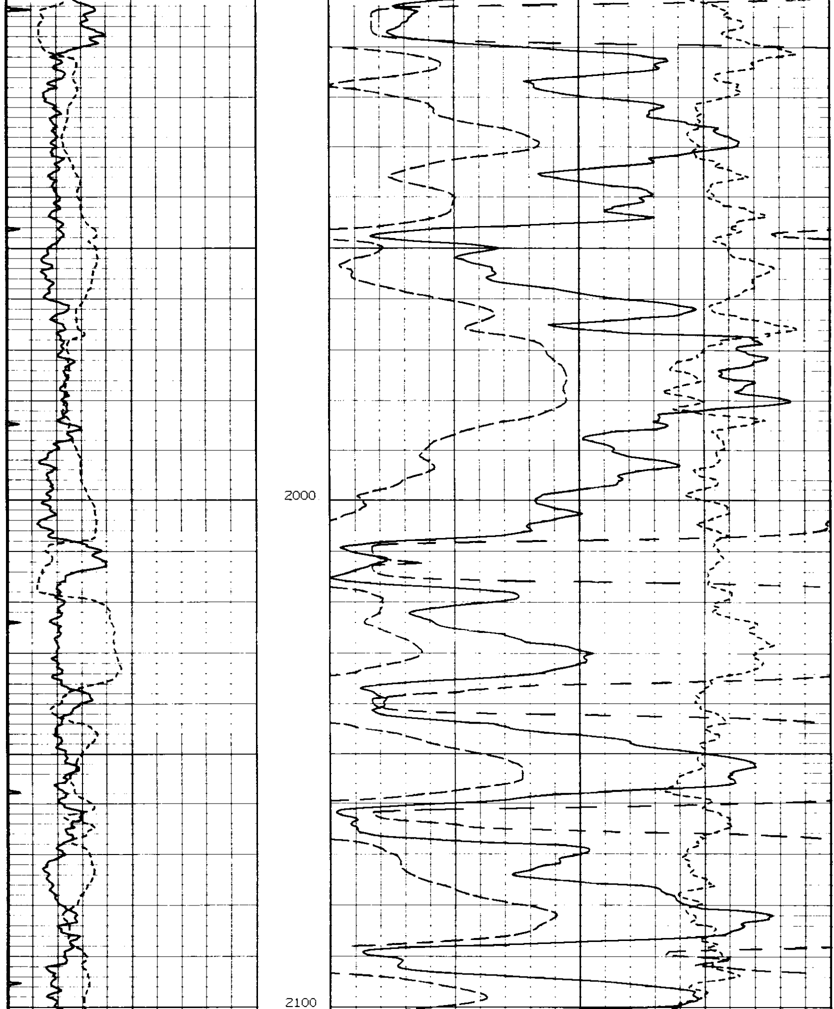


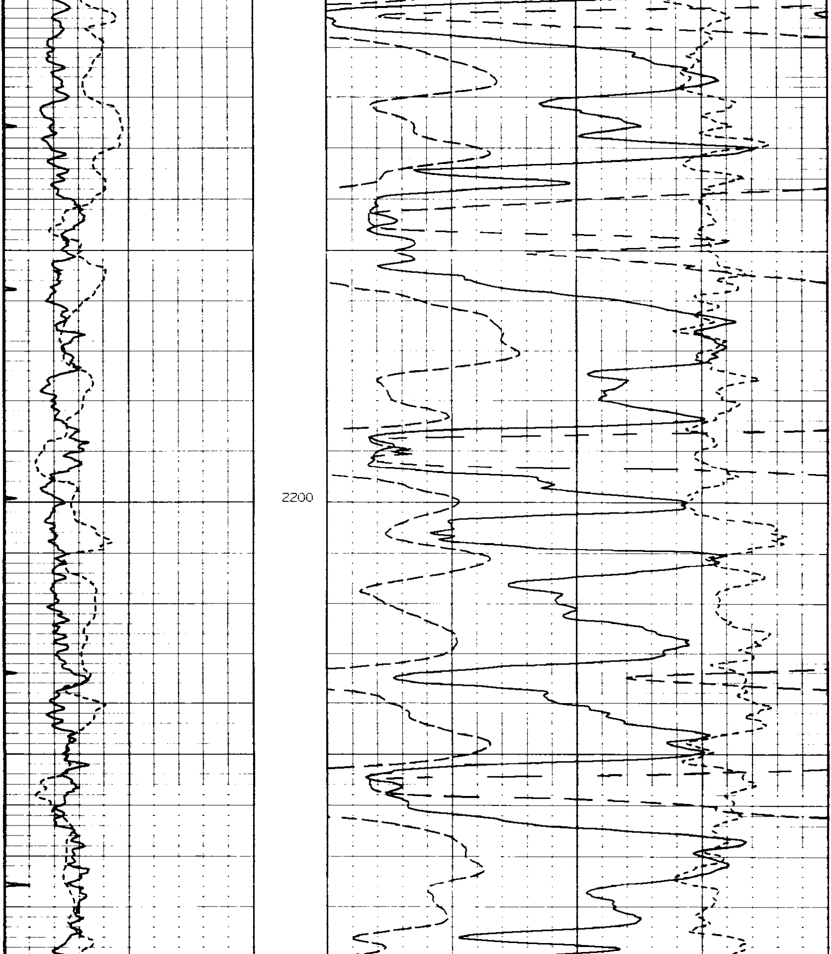


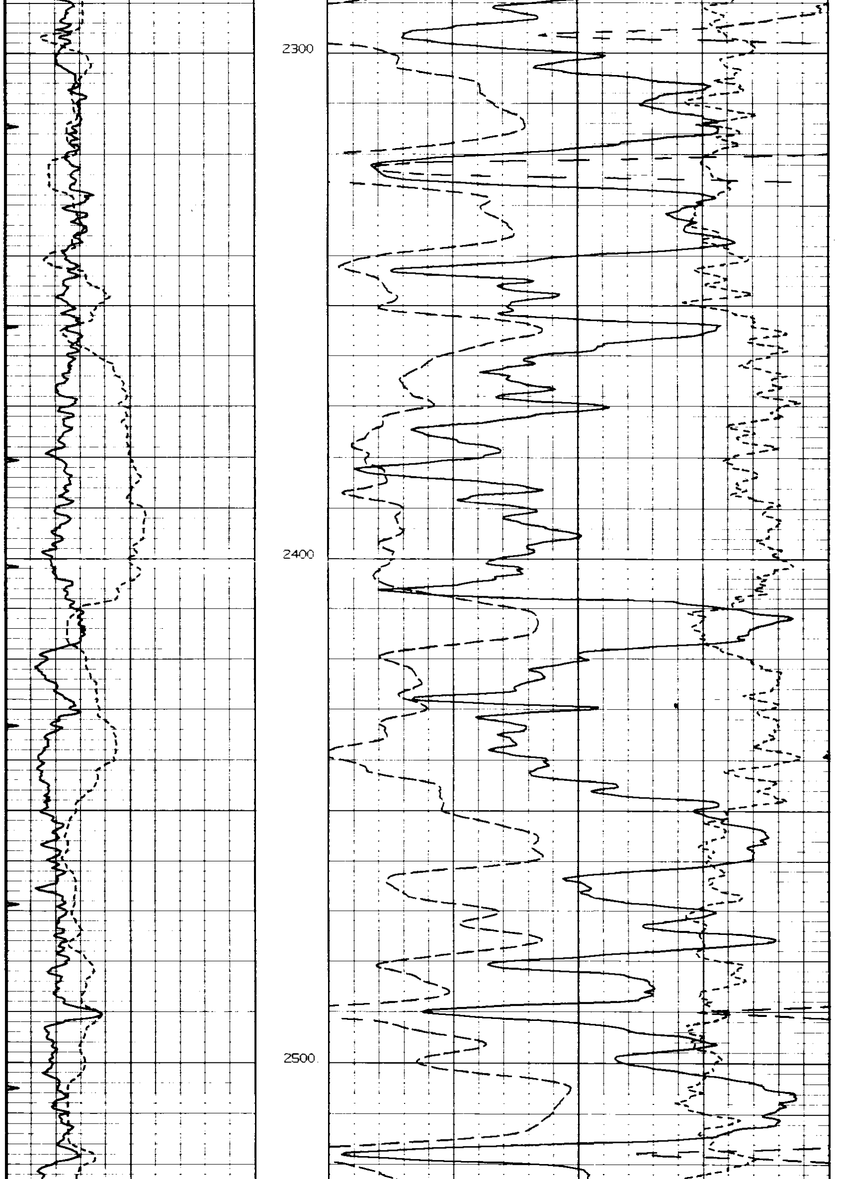


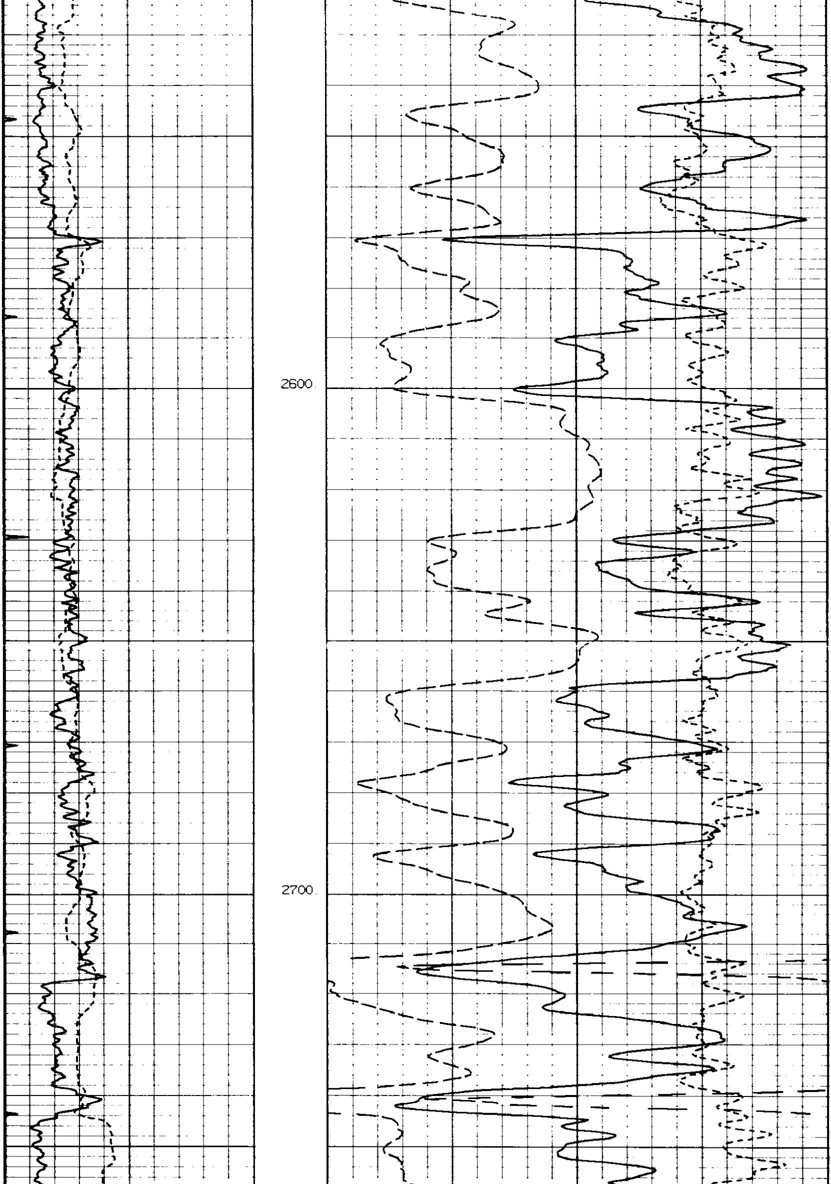


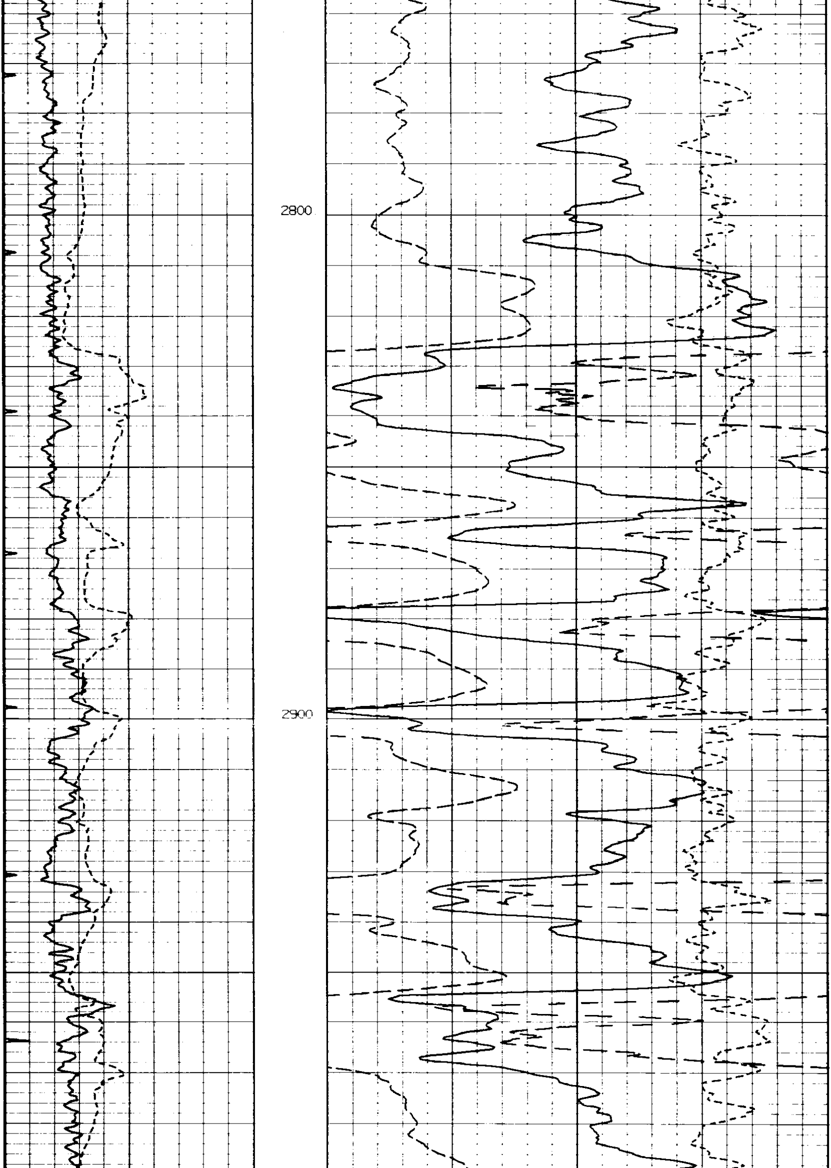


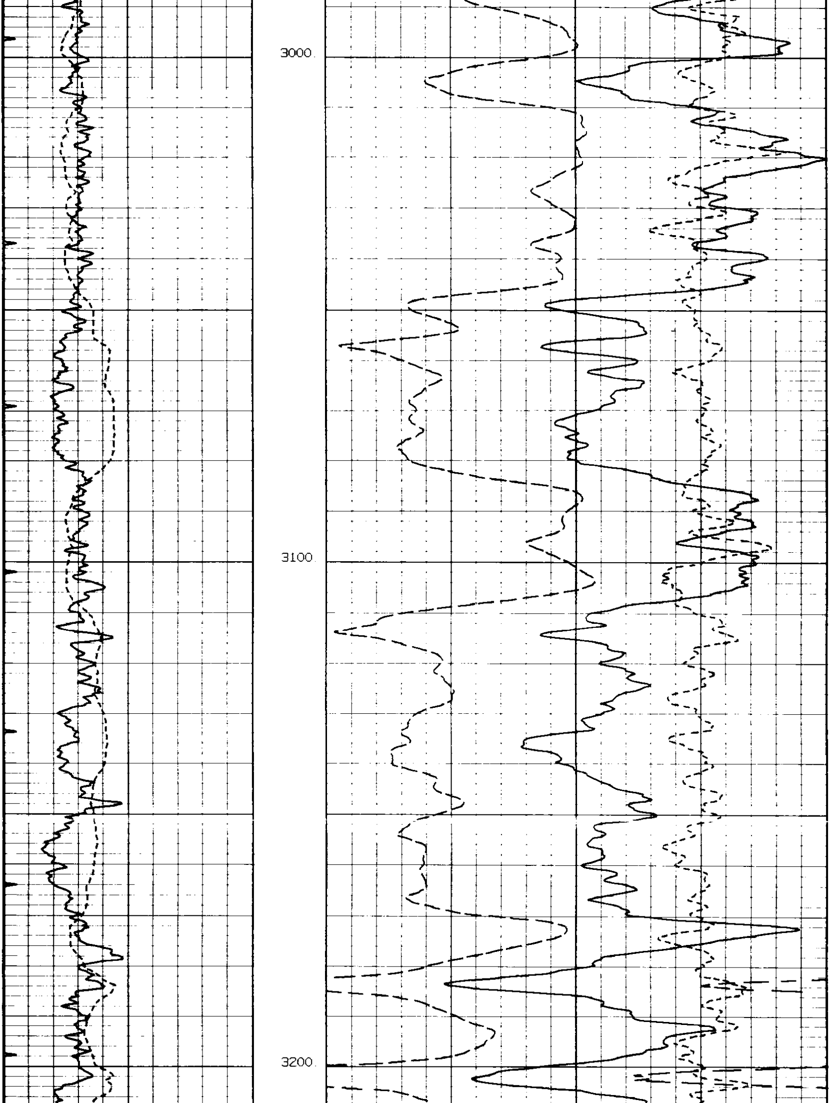


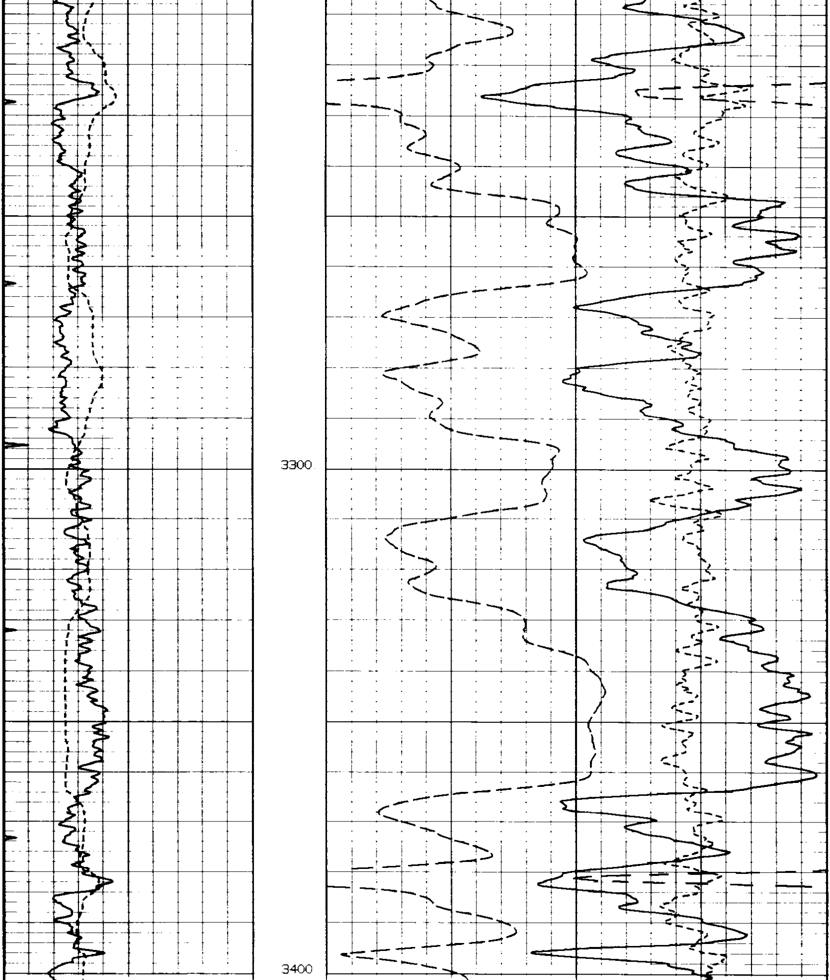


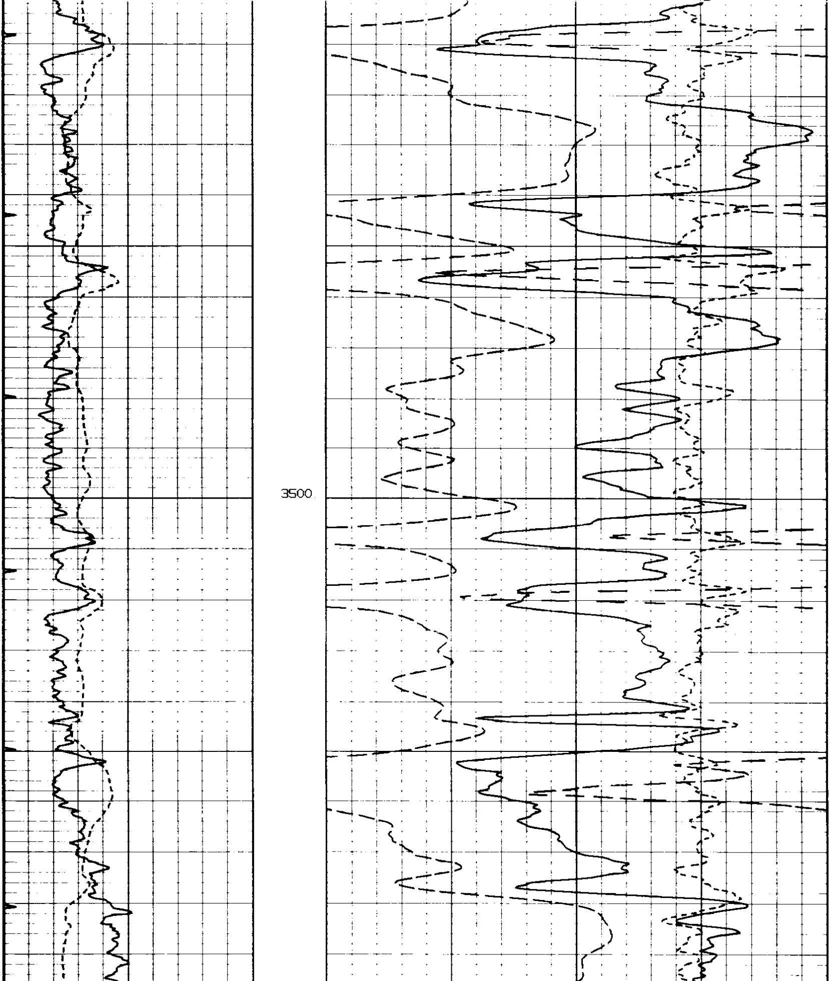


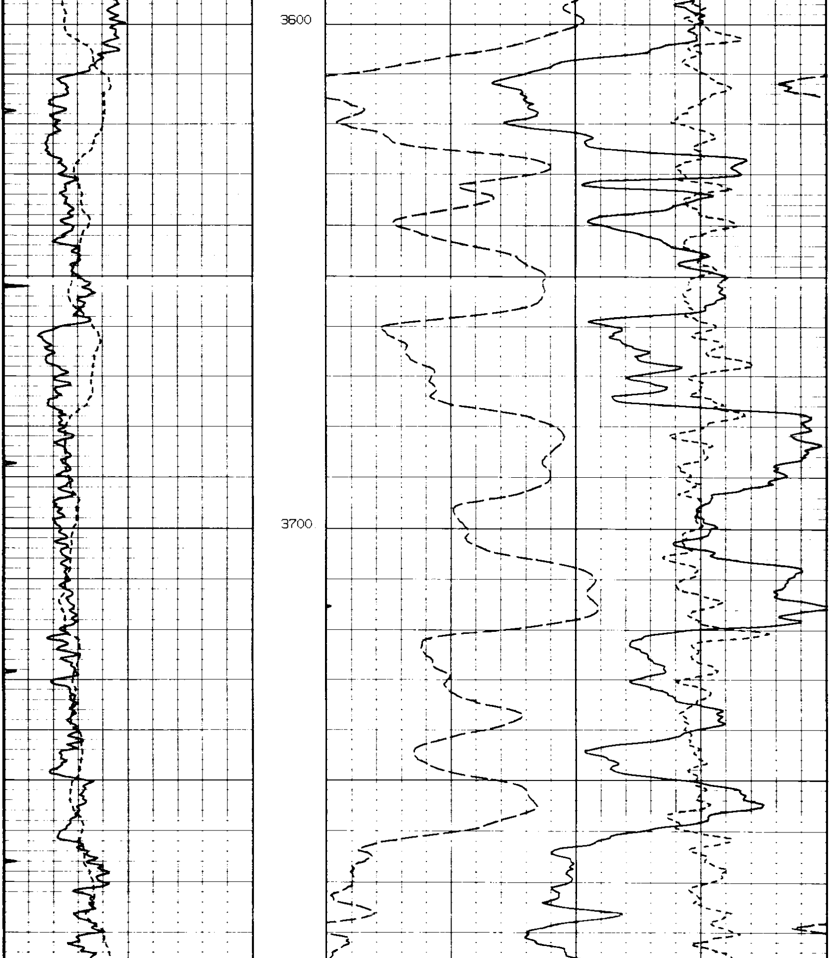


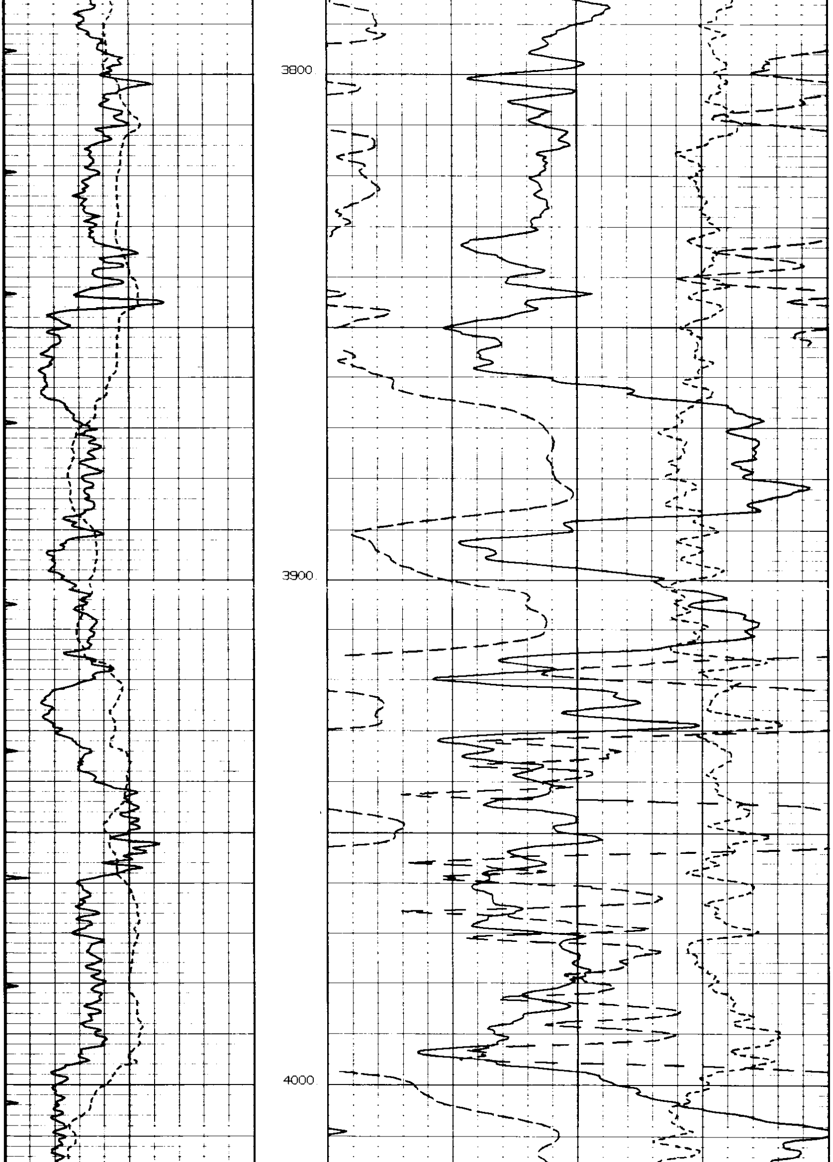


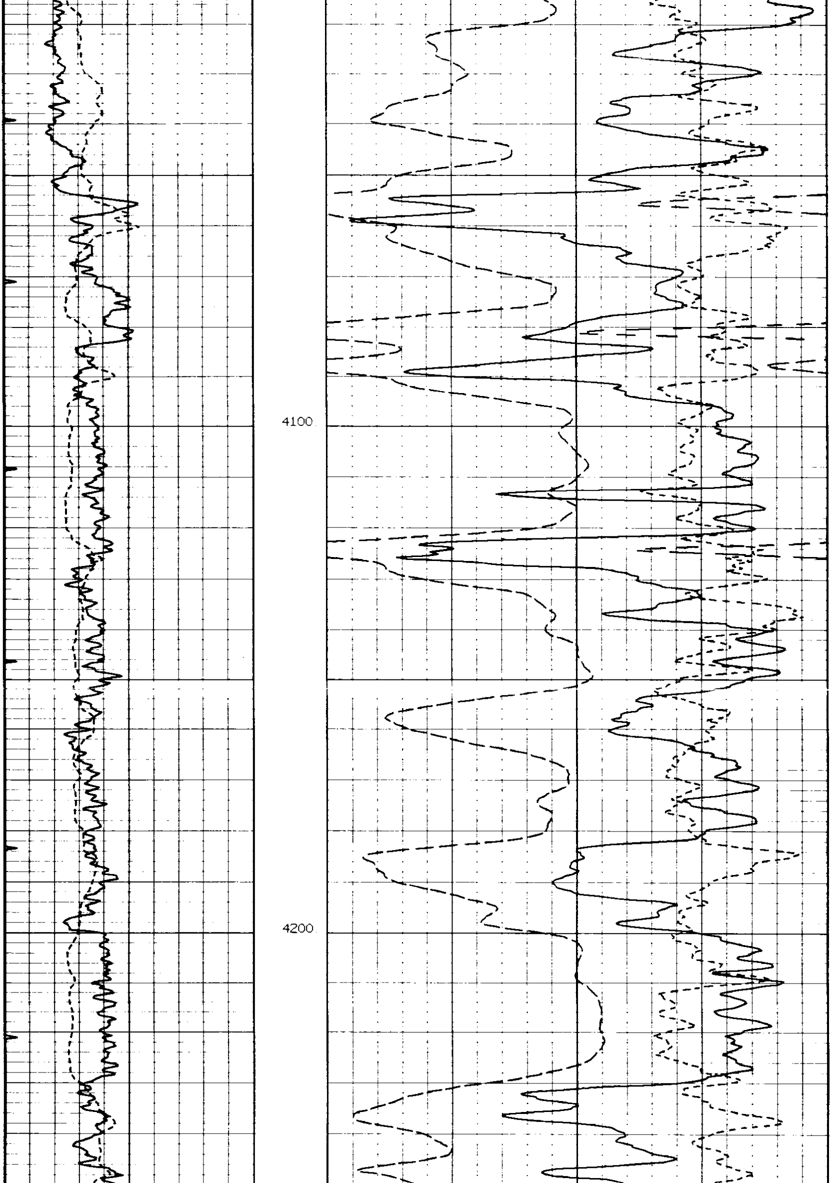


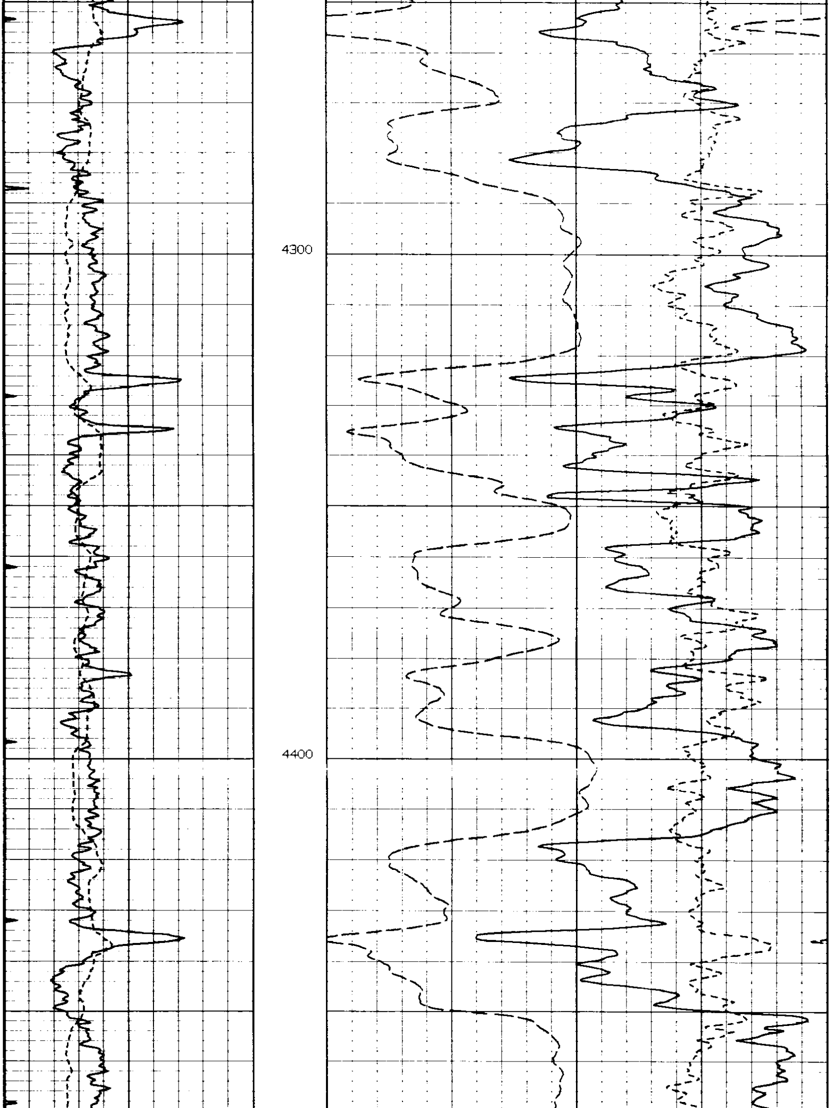


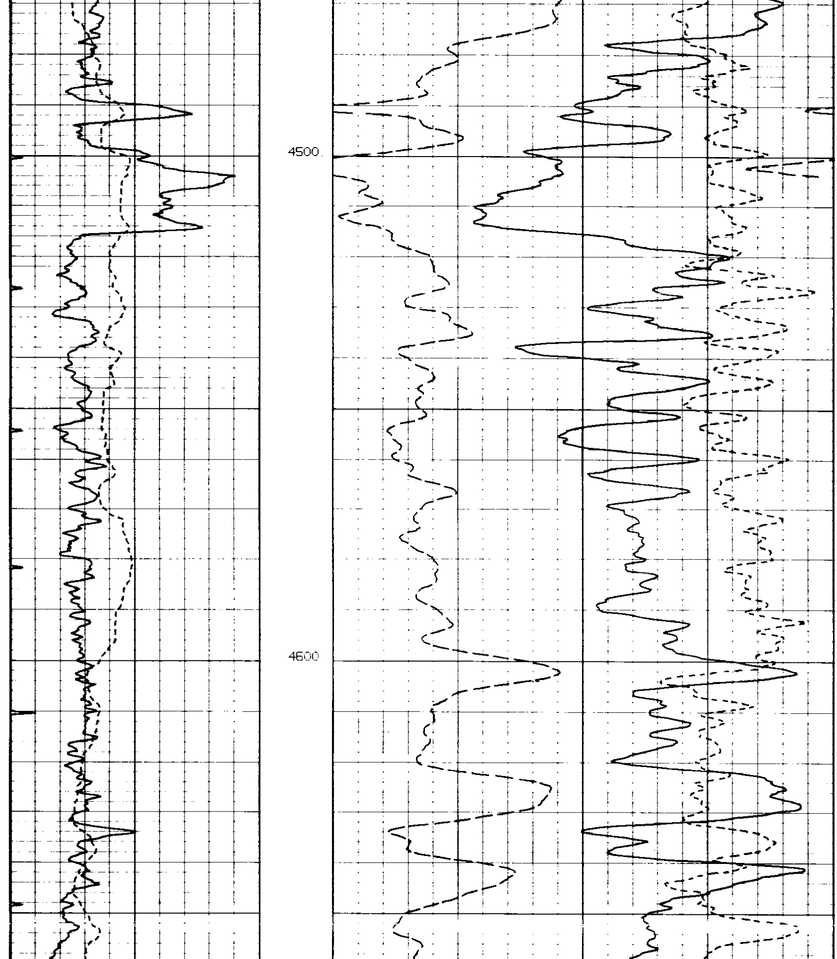


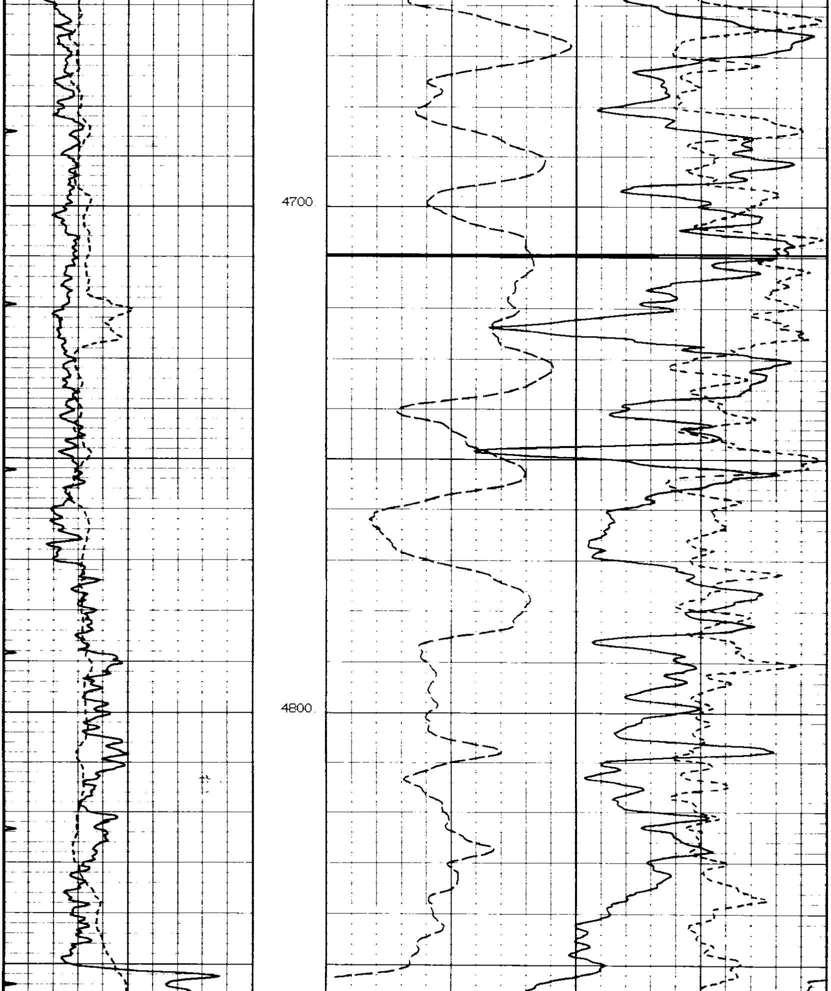


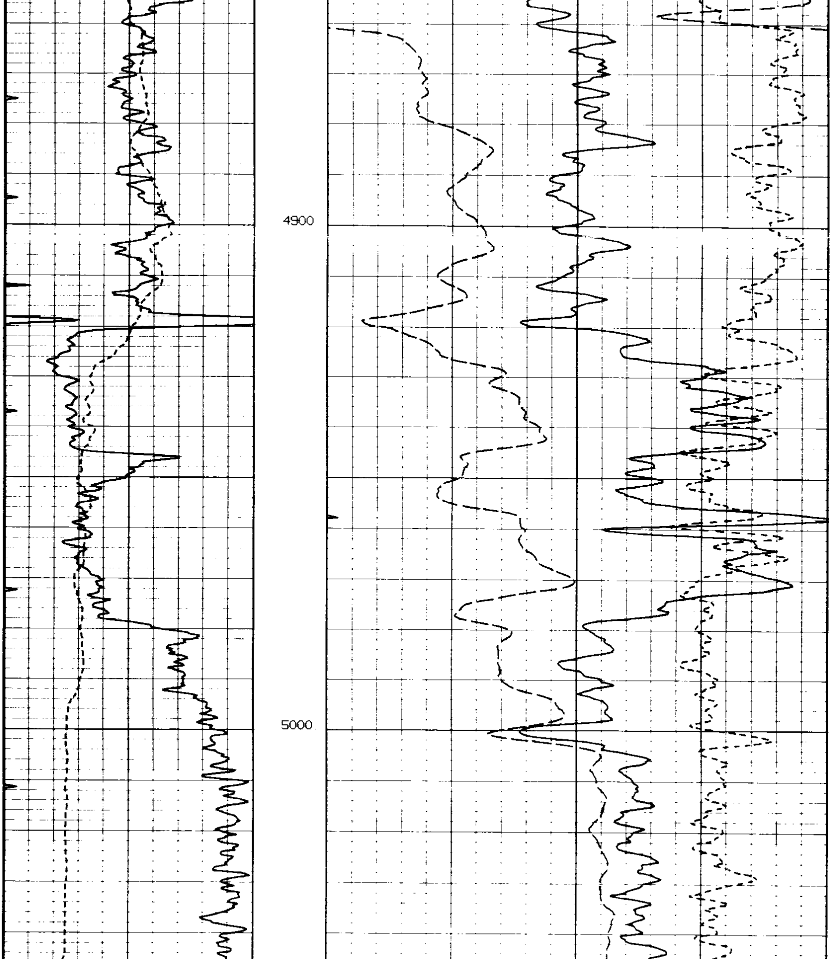


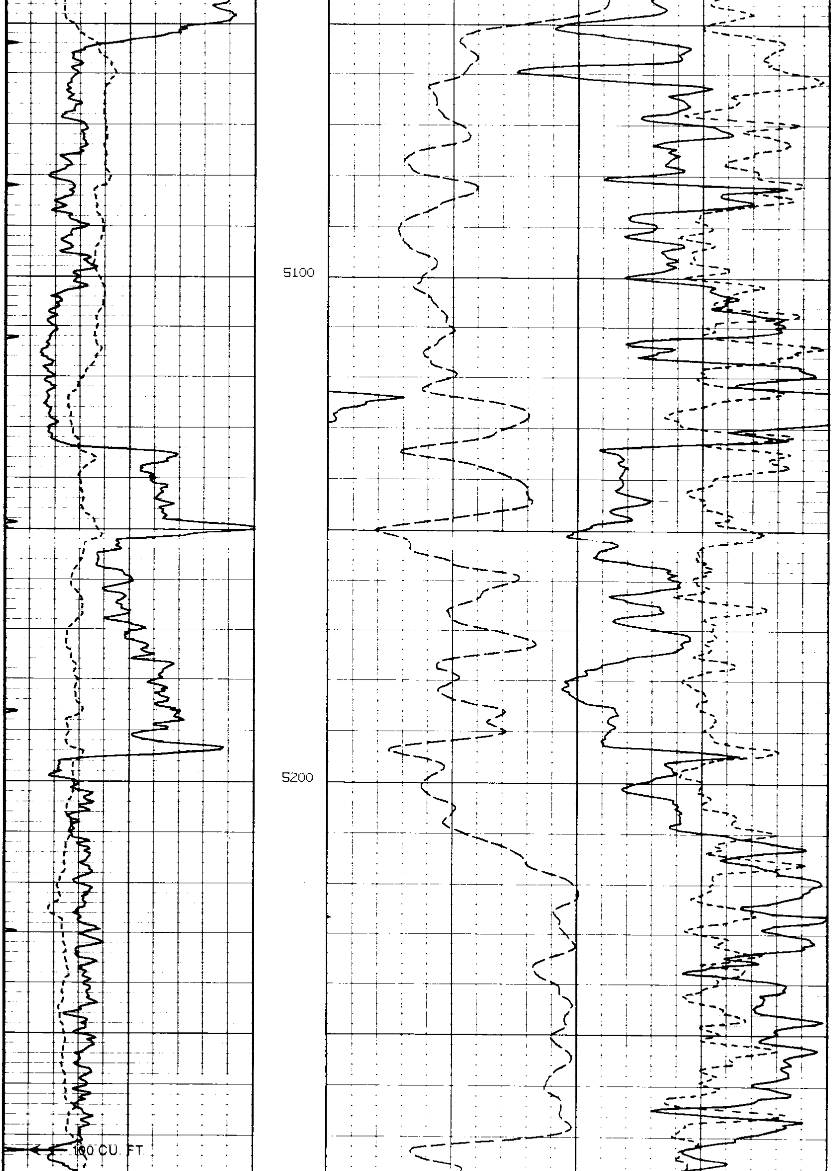


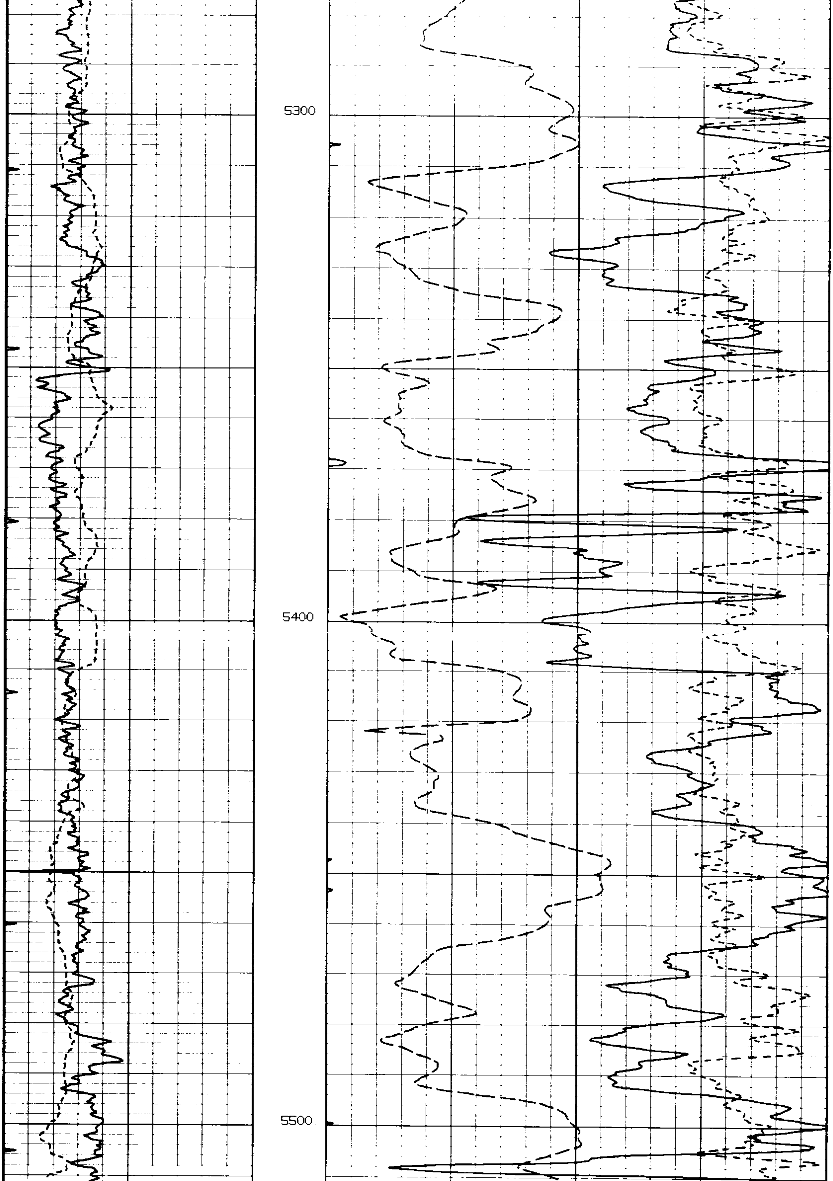


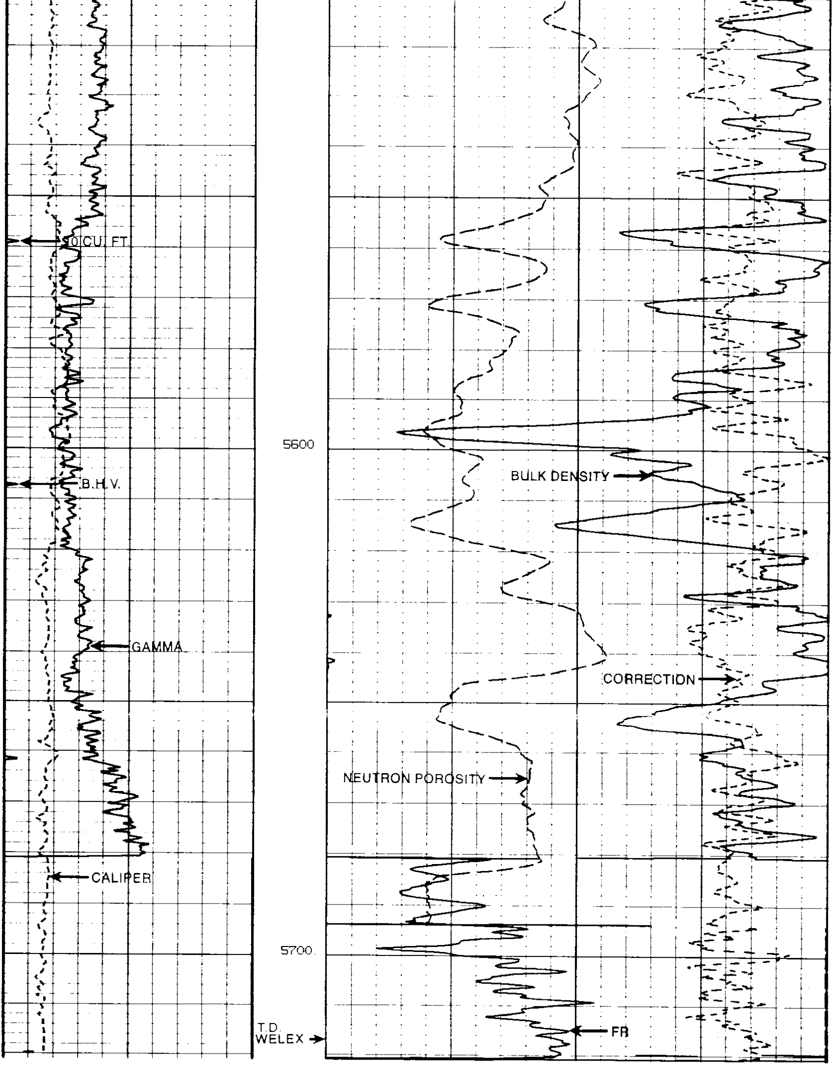


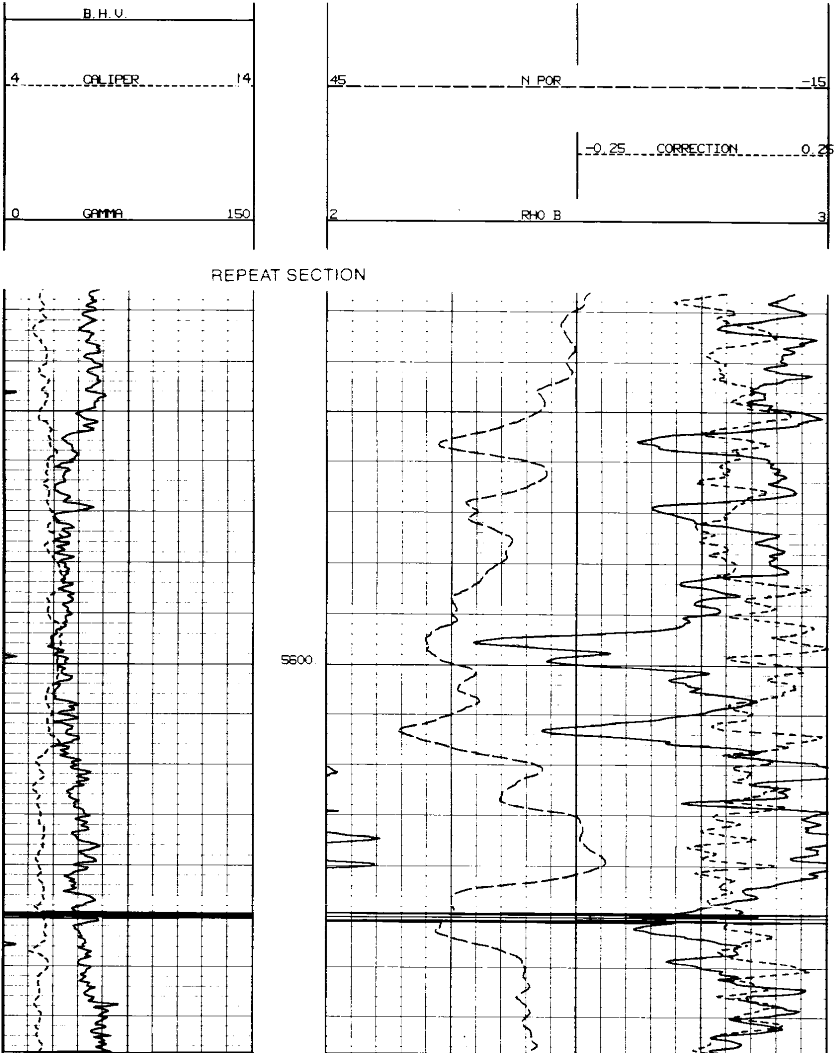












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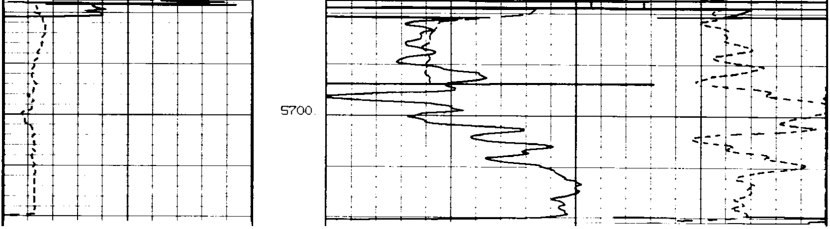

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                        AFTER LOG CALI CALIBRATION SUMMARY

PERFORMED   08/ 13/ 84
PROGRAM VERSION V1.7

                 BEFORE        AFTER    UNITS
VALUE 1              8.       7.2979     INCH
VALUE 2             16.       15.624     INCH


SER # 24300       MOD. # 123    SRC. # 0          FLD CAL. # 0


                        AFTER LOG GAMMA RAY CALIBRATION SUMMARY

PERFORMED   08/ 13/ 84
PROGRAM VERSION V1.7

                 BEFORE     AFTER       UNITS
BACKGROUND       50.393     43.368      GAPI
CALIBRATE          175.     189.66      GAPI


SER # 102572      MOD. # 265    SRC. # 0          FLD CAL. # 0


                        DSN AFTER SURVEY CALIBRATE

PERFORMED   08/ 13/ 84     LAST SHOP CALIB    06/ 28/ 84
PROGRAM VERSION V1.7

                  SHOP            FIELD
                             BEFORE      AFTER
    RATIO        0.1748     0.1712      0.1747

SER # 102572      MOD. # 265    SRC. # 0          FLD CAL. # 0




                    AFTER SURVEY DENSITY CALIBRATION

PERFORMED   08/ 13/ 84     LAST SHOP CALIB    08/ 06/ 84
PROGRAM VERSION V1.7

                              BEFORE LOG               AFTER LOG
                           DENSITY     CORR         DENSITY     CORR
 DENSITY FIELD CHECK        2.1198     0.0378        2.1142      0.033

SER # 24300       MOD. # 123    SRC. # 0          FLD CAL. # 0


                   BEFORE SURVEY DENSITY FIELD CHECK

PERFORMED   08/ 13/ 84
PROGRAM VERSION V1.7

                              SHOP VALUE              FIELD CHECK
                           DENSITY     CORR.        DENSITY     CORR.
 DENSITY FIELD CHECK        2.0899     0.0044        2.1198      0.0378

SER # 24300       MOD. # 123    SRC. # 0          FLD CAL. # 0
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                         DSN FIELD CHECK BEFORE SURVEY

PERFORMED   08/ 13/ 84     LAST SHOP CALIB   06/ 28/ 84
PROGRAM VERSION V1.7

                               FIELD CALIBRATOR
                              SHOP                  FIELD
RATIO                       0.1748              0.1712

SER # 102572      MOD. # 265    SRC. # 0          FLD CAL. # 0




GAMMA FIELD CALIBRATION
PERFORMED   08/ 13/ 84
PROGRAM VERSION V1.7

            TOOL VALUE   MEASURED   CALIBRATED   UNITS
BKGRND          165.       0.        50.393      GAPI
CAL             738.       0.          175.      GAPI
NORMALIZER 0.3054
INTERCEPT       0.

SER # 102710      MOD. # 265    SRC. # 0          FLD CAL. # 0




CALI FIELD CALIBRATION
PERFORMED   08/ 13/ 84
PROGRAM VERSION V1.7

            TOOL VALUE   MEASURED   CALIBRATED   UNITS
VALUE 1        3643.       0.           8.         INCH
VALUE 2        8071.       0.          16.         INCH


                       SHOP CALIBRATION - DENSITY

PERFORMED   08/ 06/ 84     LAST SHOP CALIB   06/ 28/ 84
PROGRAM VERSION V1.7

                       SHOP MEASURED                  CALIBRATED
                    DENSITY      CORR.           DENSITY        CORR.
AL BLOCK            2.6111      0.0478           2.6054        0.0318
MG BLOCK            1.6794      0.0049            1.678         0.004

FL CALIBRATOR          SHOP MEASURED                  CALIBRATED
                    DENSITY      CORR.           DENSITY        CORR.
AL SLIDE            1.8384      -0.011            1.835        -0.016
BR SLIDE            2.3604      -0.228           2.3398        -0.259
AL SLIDE IN         2.0938      0.0129           2.0899        0.0044

SER # 24300       MOD. # 123    SRC. # 0          FLD CAL. # 0


[illegible]                            DSN SHOP CALIBRATION

PERFORMED   06/ 28/ 84     LAS[illegible] [illegible] [illegible]   [illegible] 26 [illegible]
PROGRAM VERSION V1.7

                                            FIELD
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