Schlumberger

FORMATION DENSITY-COMP. NEUTRON 5"

CSU Field Log

COMPANY: NAHAMA $ WEAGANT ENERGY COMPANY
WELL: KLOHS #1
FIELD: NEWBURG AREA
COUNTY: YAMHILL
STATE: OREGON
NATION: USA
LOCATION: 180'SOUTH & 1115'WEST
FROM NE CORNER OF
SEC: 6 TWP: 3S RGE: 2W

RECEIVED-PT
OCT 18 1982
DEPT OF GEOLOG

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 910.0 '
LOG MEASURED FROM: KB
13.5 ' ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 923.5 '
DF:
GL: 910.0 '

DATE: 10 OCT 82
RUN NO: 1

DEPTH-DRILLER: 5870.0 '
DEPTH-LOGGER: 5861.0 '
BTM. LOG INTERVAL: 4700.0 '
TOP LOG INTERVAL: 623.0 '

CASING-DRILLER: 623 '
CASING-LOGGER: 623 '
CASING: 8 5/8"

BIT SIZE: 7 7/8"

OTHER SERVICES-
DIL
BHC
HDT
CYBERLOOK
CYBERDIP
CST

API SERIAL NO:
36-071-000

PROGRAM
TAPE NO:
22.4
SERVICE
ORDER NO:
304049

TYPE FLUID IN HOLE: CYPAN-BENEX
DENSITY: 10.1 LB/G
VISCOSITY: 58.0 S
PH: 9.0
FLUID LOSS: 6.6 C3
SOURCE OF SAMPLE: FLOWLINE
RM: 3.420 OHMM AT 80.0 DEGF
RMF: 4.720 OHMM AT 63.0 DEGF
RMC: 3.500 OHMM AT 63.0 DEGF
SOURCE RMF/RMC: MEASUURED /MEASURED
RM AT BHT: 2.361 OHMM AT 119. DEGF
RMF AT BHT: 2.622 OHMM AT 119. DEGF
RMC AT BHT: 1.944 OHMM AT 119. DEGF

TIME CIRC. STOPPED: 1100 10-10-8
TIME LOGGER ON BTM.: 1900 10-10-8

MAX. REC. TEMP: 119.0 DEGF

LOGGING UNIT NO: 8216
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: CHUCK NICHOLS
WITNESSED BY: LEE CECIL

REMARKS:

EQUIPMENT NUMBERS-

PDH-M 1244	PGC-JA 661	PGS-HB 675	CNC-A 1132
SGC-JAA 591			

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FILE

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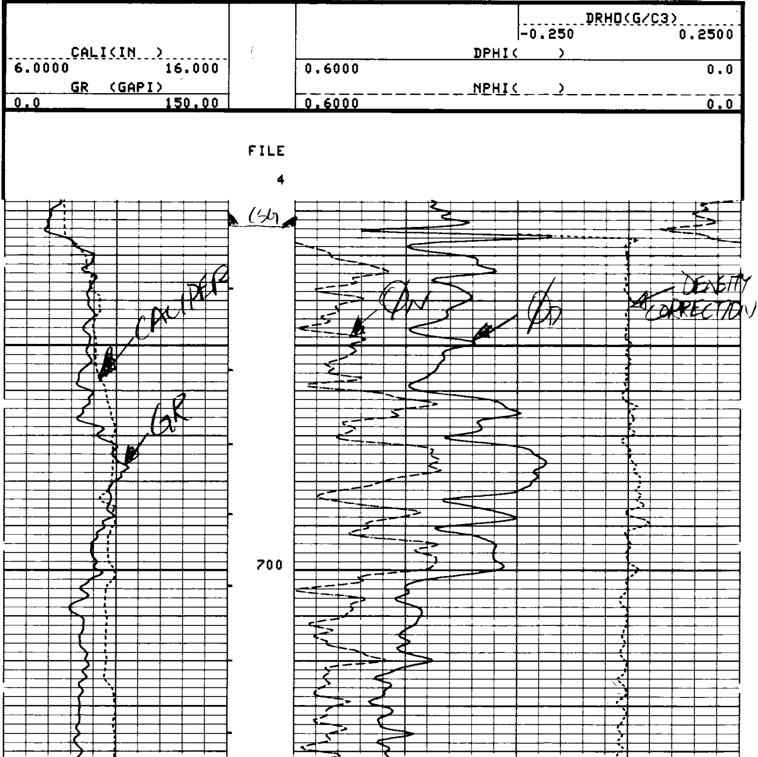
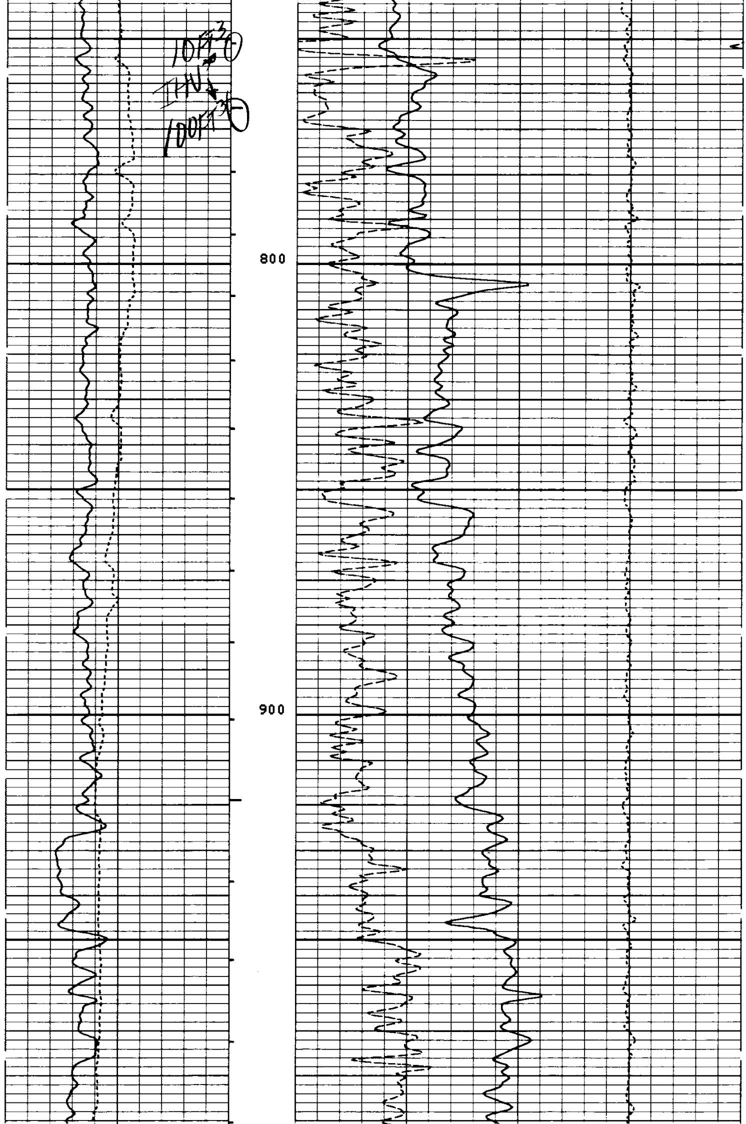
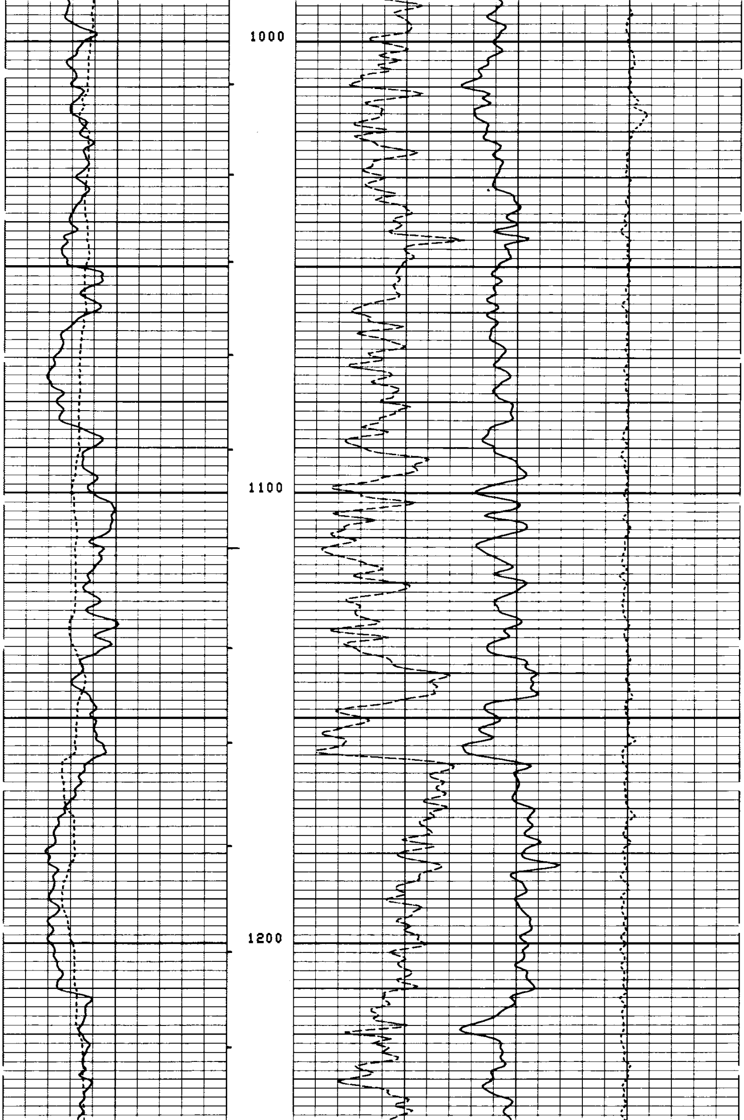
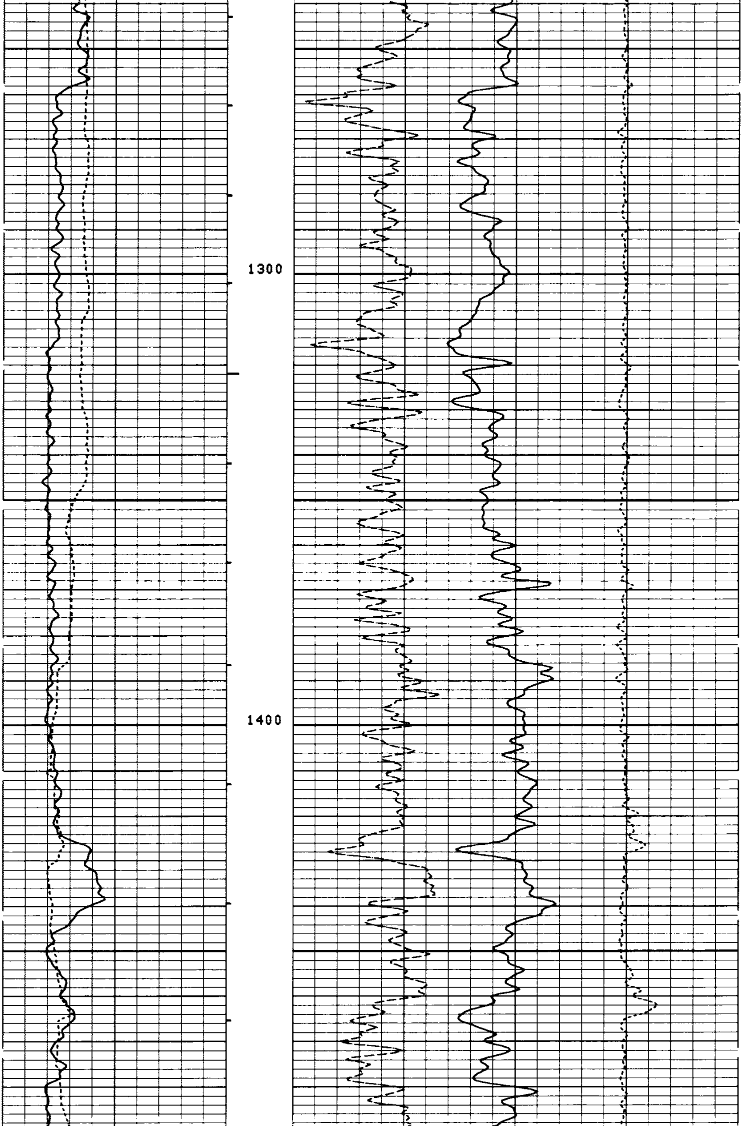
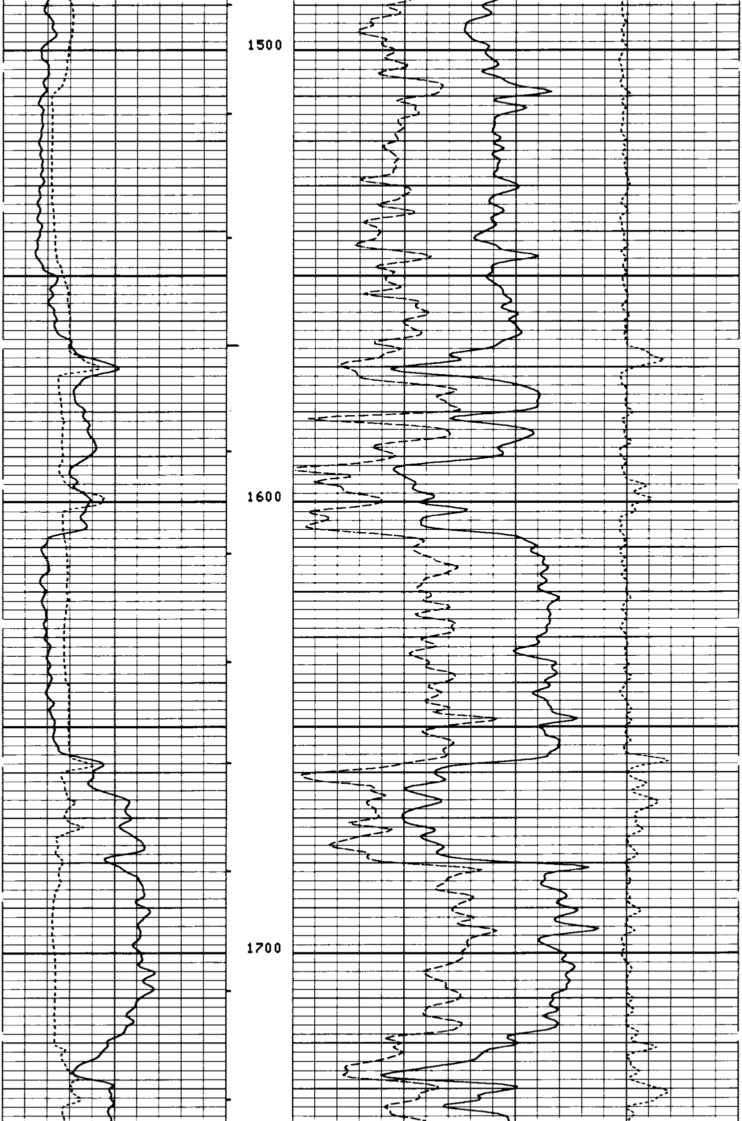
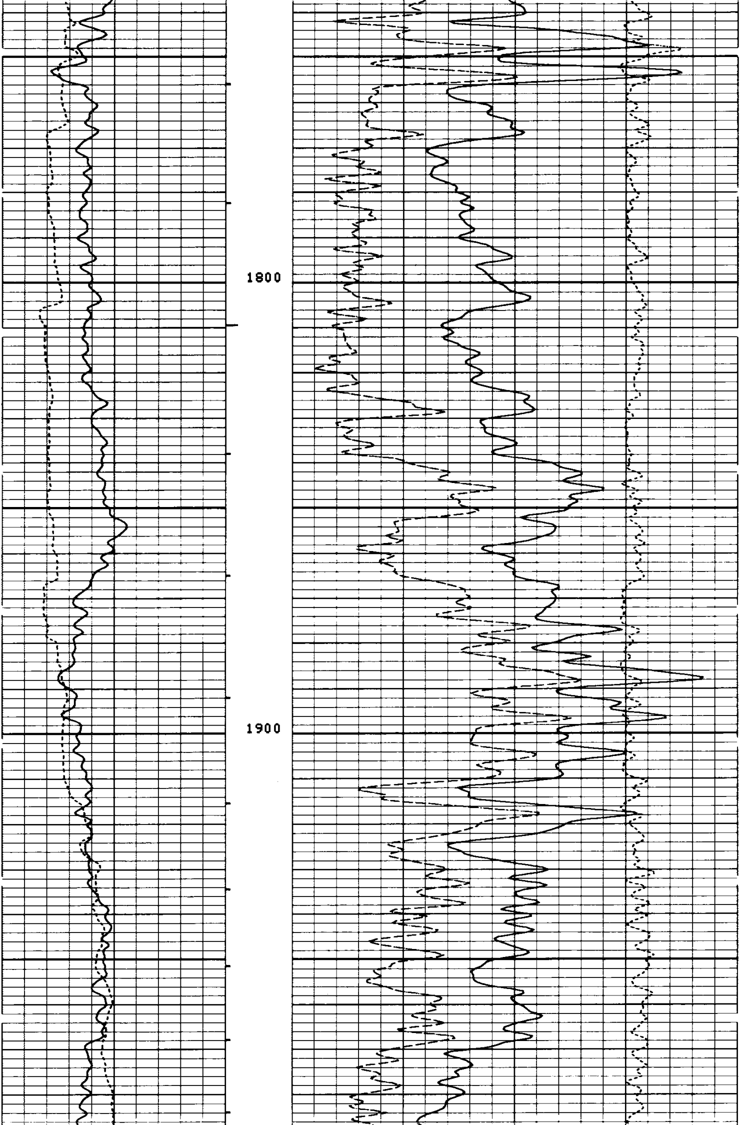


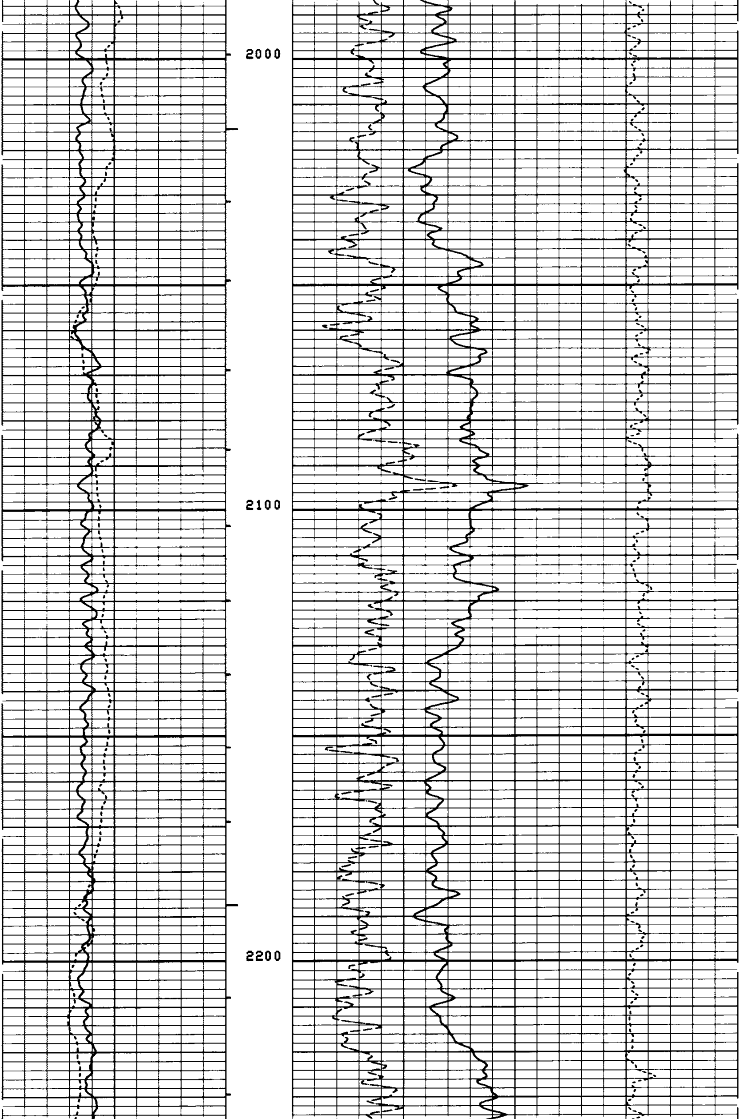


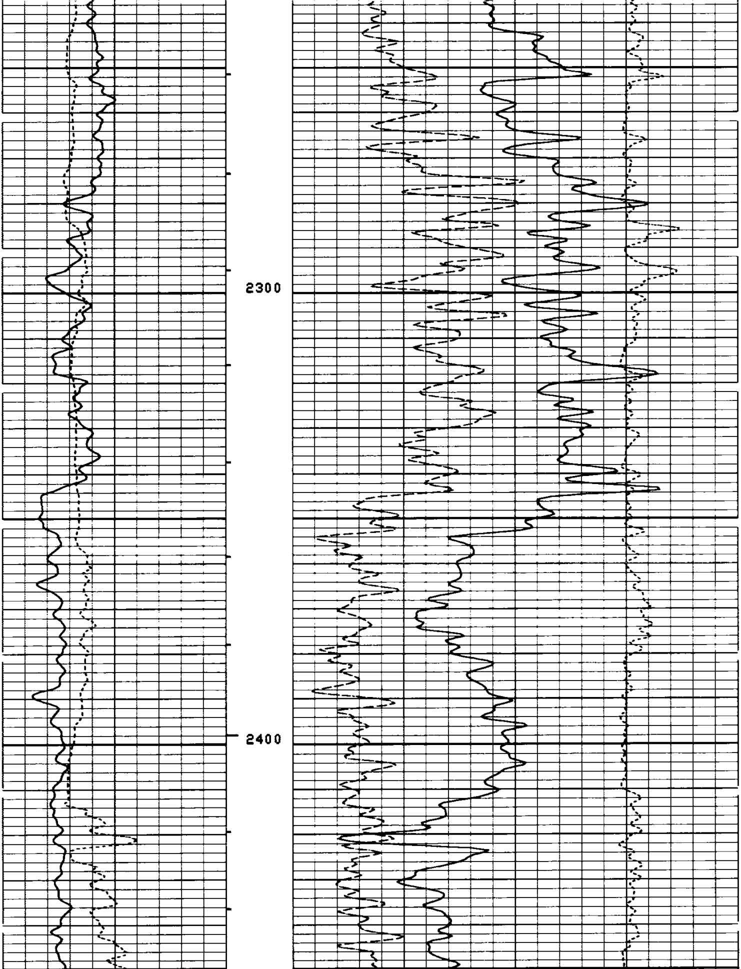


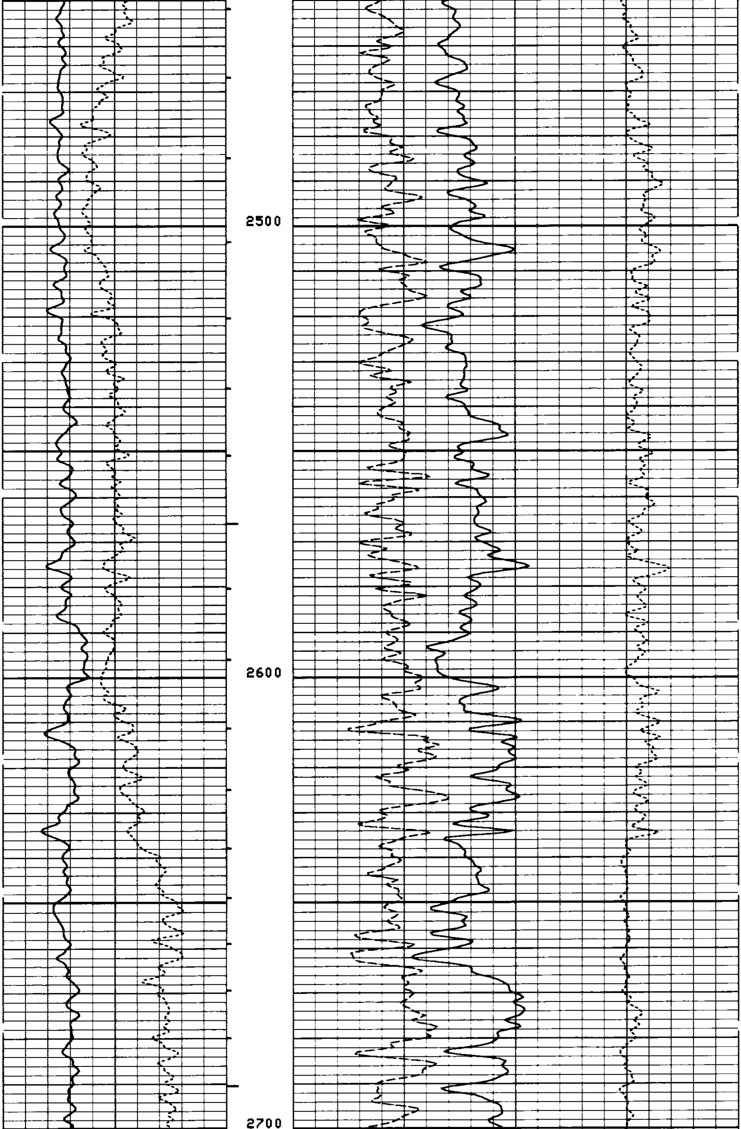


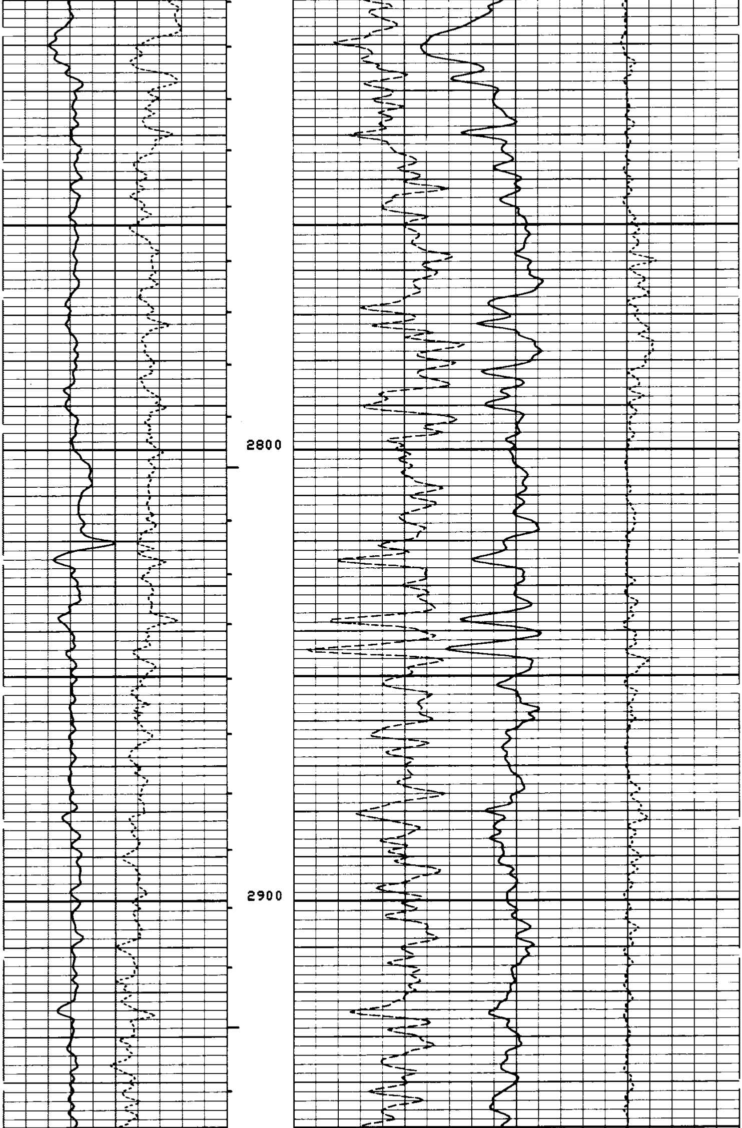


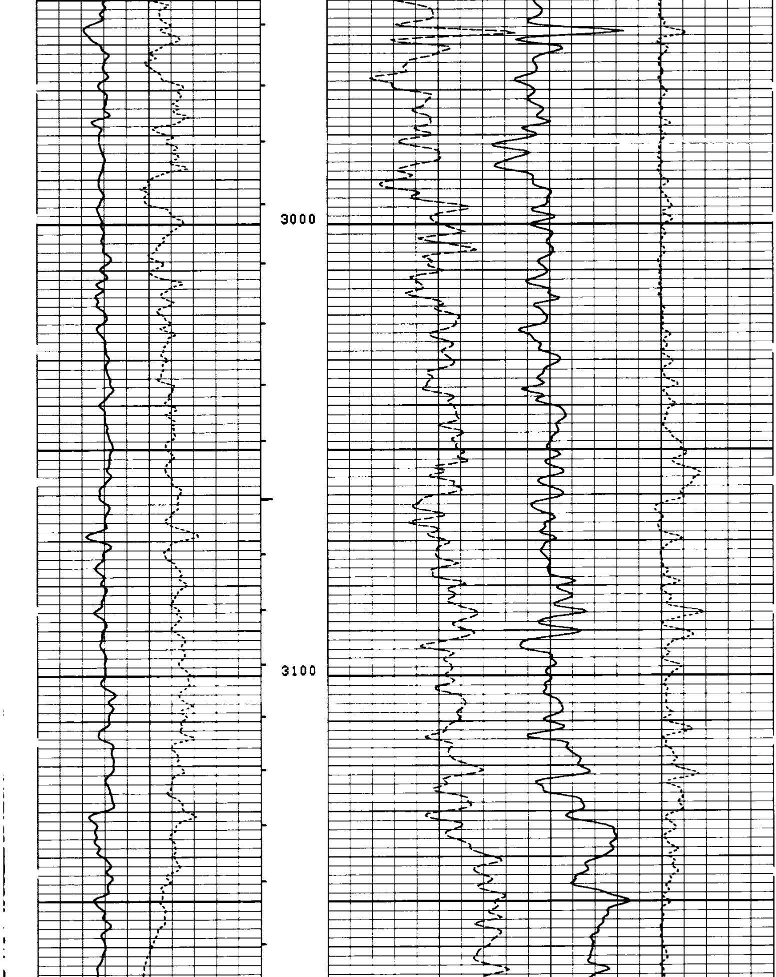


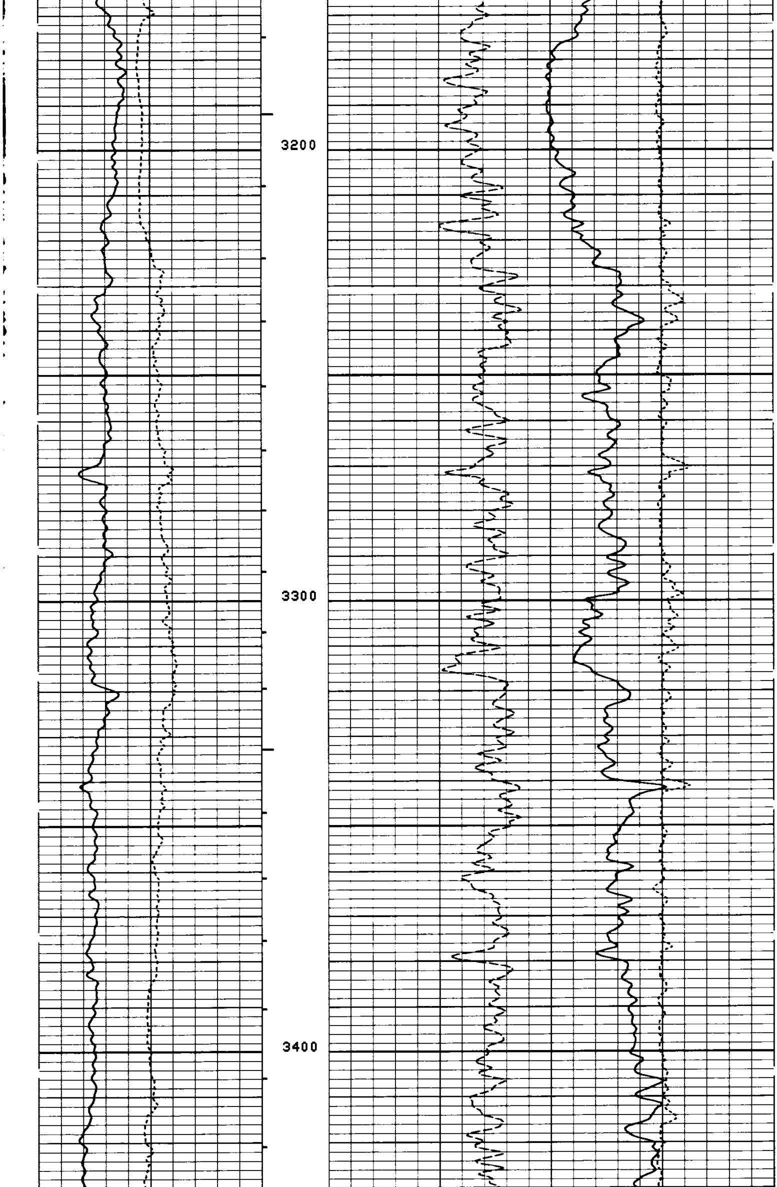


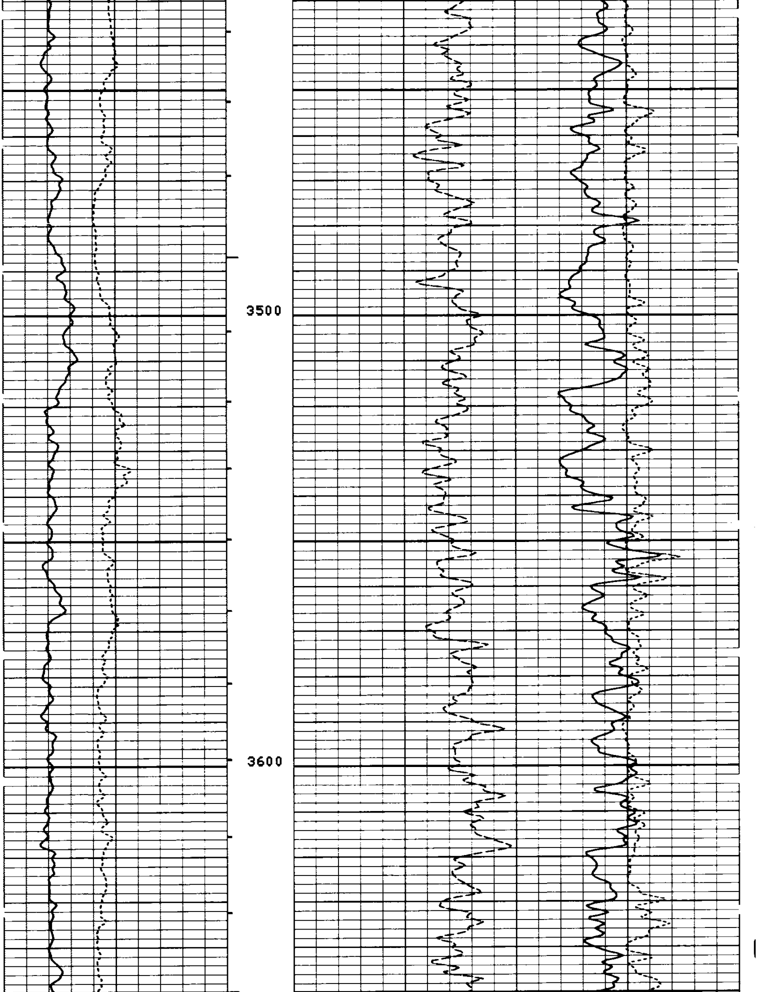


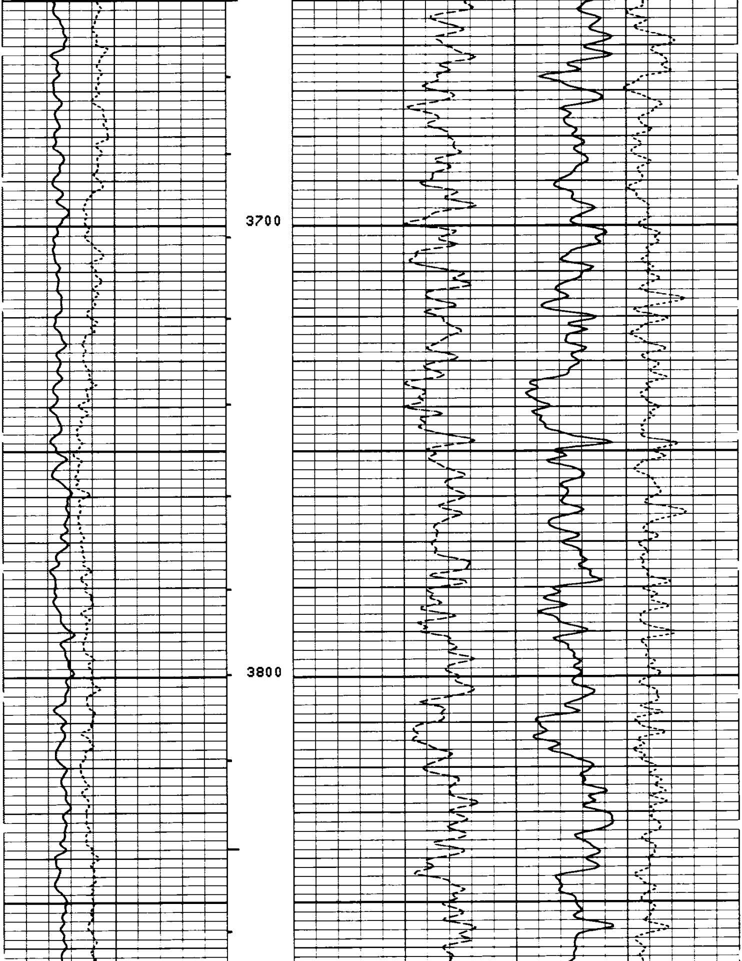


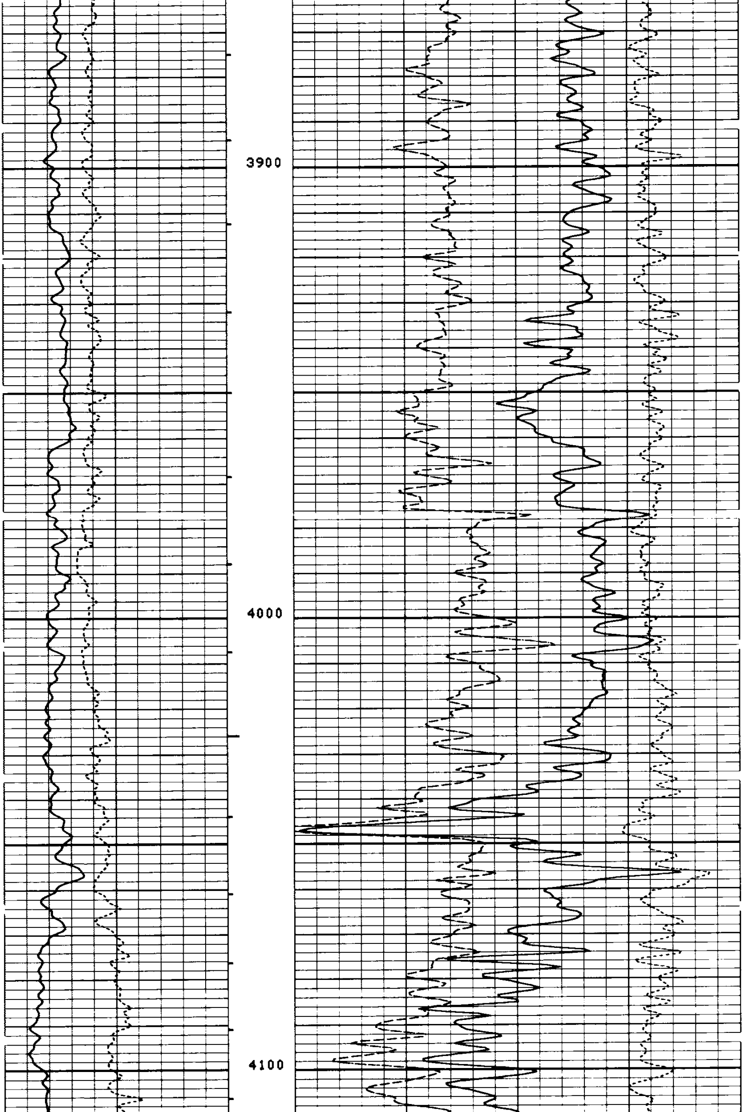


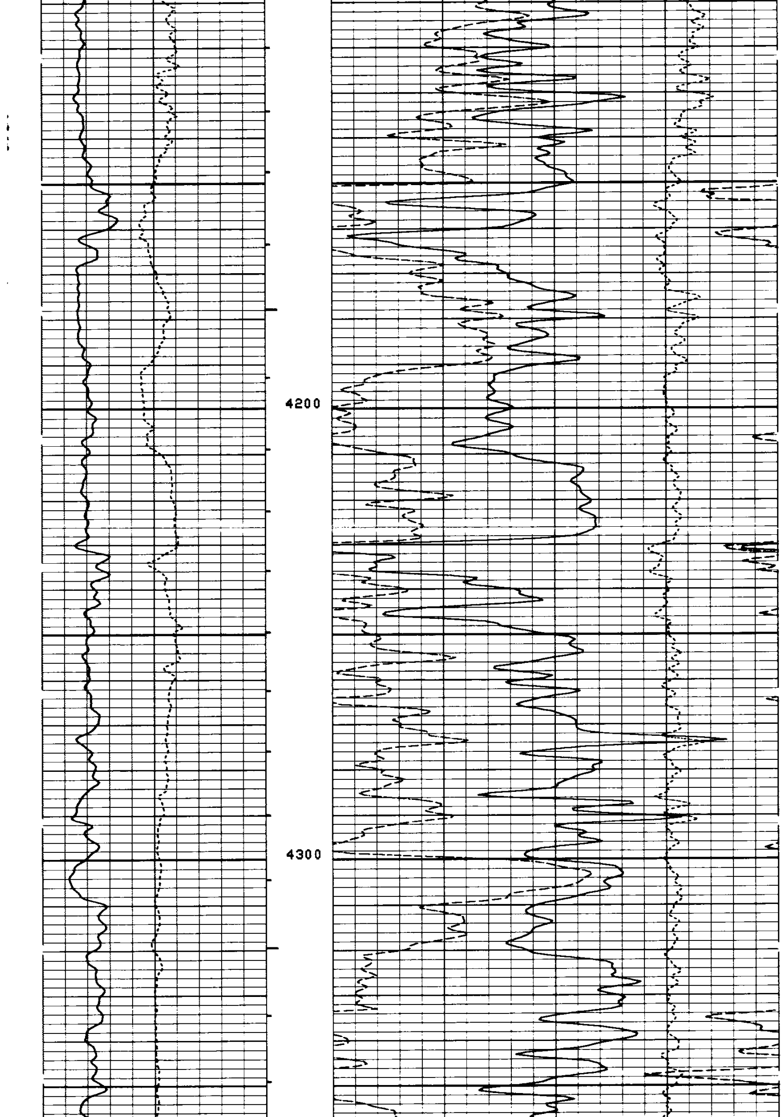


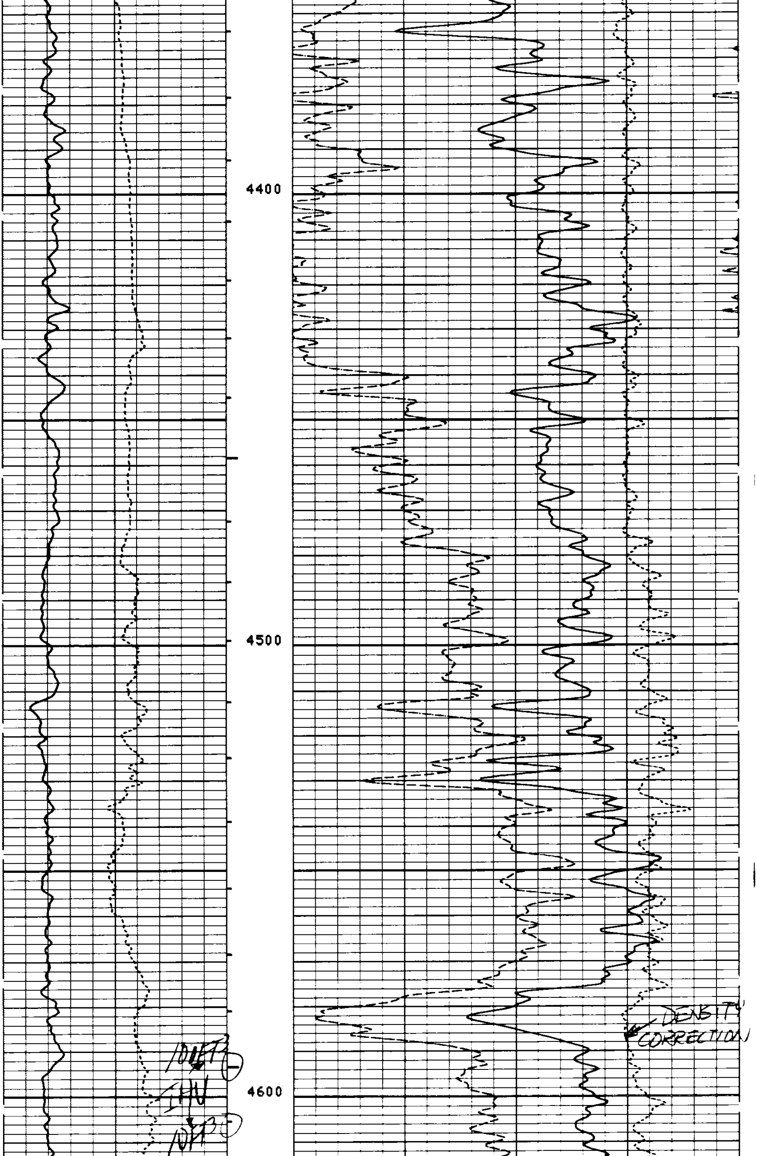


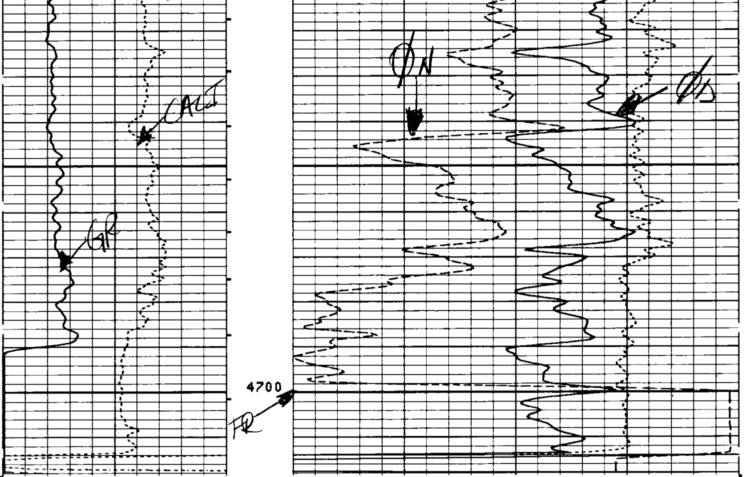












FILE

4

DRHO(G/C3)
-0.250 0.2500

CALI(IN)
6.0000 16.000

DPHI( )
0.6000 0.0

GR (GAPI)
0.0 150.00

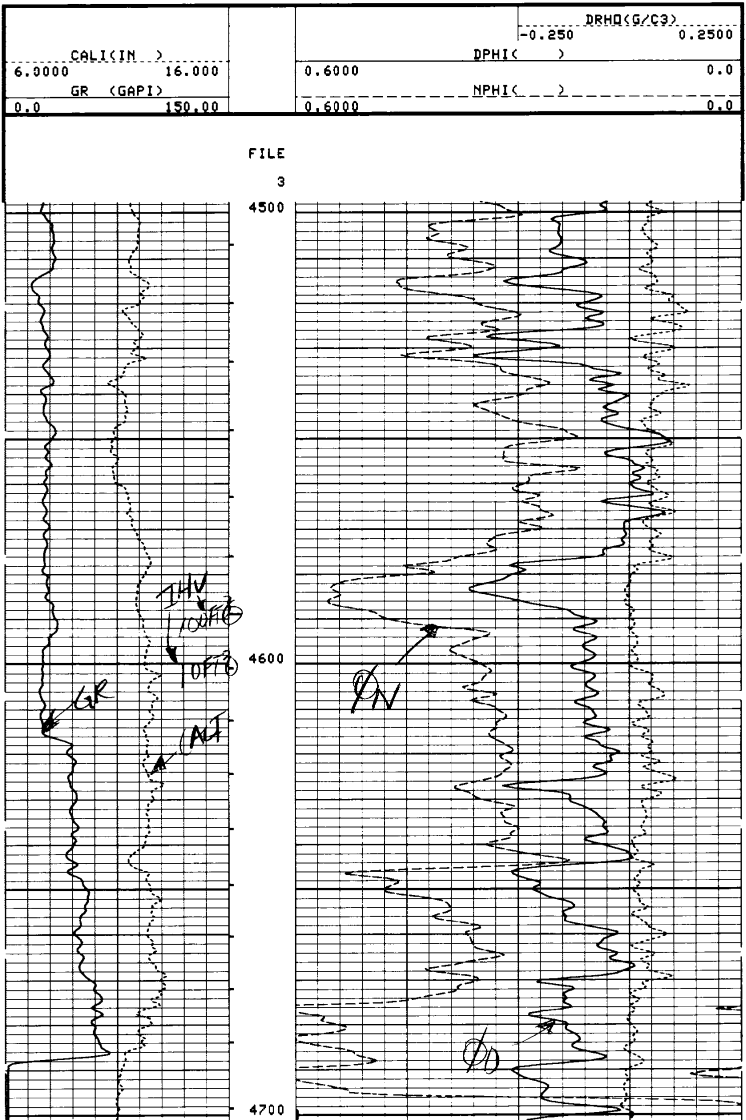
NPHI( )
0.6000 0.0

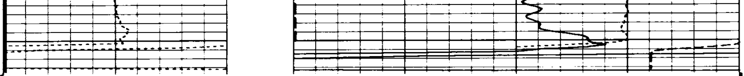
SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	18.3	FEET	GR	26.8	FEET
FFDC	3.0	FEET	FCNL	18.3	FEET
CALI	3.0	FEET	NFDC	3.0	FEET
NRAT	18.3	FEET	TENS	.0	FEET

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.32300		BS	7.87500	IN
MATR	SAND		HC	CALI	
MDEN	2.65000	G/C3	FD	1.00000	G/C3
BHF	WATE		FDCC	ALLO	
FEXP	2.15000		FPHI	PHIX	
BHS	OPEN		FNUM	0.620000	
DO	0.0	F			





FILE

3

REPEAT SECTION

CALI(IN)	DRHO(G/C3)
6.0000 16.000	-0.250 0.2500
GR (GAPI)	DPHI( )
0.0 150.00	0.6000 0.0
	NPHI( )
	0.6000 0.0

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	18.3	FEET	GR	26.8	FEET
FFDC	3.0	FEET	FCNL	18.3	FEET
CALI	3.0	FEET	NFDC	3.0	FEET
NRAT	18.3	FEET	TENS	.0	FEET

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.32300		BS	7.87500	IN
MATR	SAND		HC	CALI	
MDEN	2.65000	G/C3	FD	1.00000	G/C3
BHF	WATE		FDCC	ALLO	
FEXP	2.15000		FPHI	PHIX	
BHS	OPEN		FNUM	0.620000	
DO	0.0	F			

SHOP SUMMARY

PERFORMED: 82/09/15
PROGRAM FILE: SHOP (VERSION 22.2 82/06/08)

PGTK DETECTOR CALIBRATION SUMMARY

	BLOCK		JIG		
	MEASURED	CALIBRATED	MEASURED	CALIBRATED	UNITS
FFDC	505	337	500	333	CPS
NFDC	776	528	782	532	CPS

(PGS:675 , PDH:1244, GSR:8026, SFT :468)

SHOP SUMMARY

PERFORMED: 82/09/09
PROGRAM FILE: SHOP (VERSION 22.2 82/06/08)

CNTA DETECTOR CALIBRATION SUMMARY

	TANK		JIG	
	MEASURED	CALIBRATED	MEASURED	CALIBRATED
NRAT	2.323	2.158	2.326	2.160

(CNC:1132, CNB:1152)

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                BEFORE SURVEY CALIBRATION SUMMARY


  PERFORMED:      82/10/10
  PROGRAM FILE: ISN     (VERSION     22.4     82/09/01)


SGTE                  DETECTOR CALIBRATION SUMMARY

              MEASURED
            BKGD     JIG           CALIBRATED            UNITS
   GR        31      213              165                GAPI


CNTA                  DETECTOR CALIBRATION SUMMARY

                TANK                                JIG
           INPUT   CALIBRATED               MEASURED    CALIBRATED
  NRAT     2.32300   2.158                    2.298       2.135


PGTK                  DETECTOR CALIBRATION SUMMARY

                BLOCK                               JIG
           INPUT   CALIBRATED               MEASURED    CALIBRATED       UNITS
  FFDC      505       337                     504          336            CPS
  NFDC      776       528                     808          549            CPS


PGTK                  CALIPER CALIBRATION SUMMARY

             MEASURED                             CALIBRATED
           SMALL     LARGE                   SMALL       LARGE           UNITS
  CALI      14.5     17.6                     8.0         12.0            IN
                       FILE

                          1


                AFTER SURVEY TOOL CHECK SUMMARY


  PERFORMED:      82/10/10
  PROGRAM FILE: ISN     (VERSION     22.4     82/09/01)


CNTA                          TOOL   CHECK

                            JIG
               BEFORE          AFTER
  NRAT         2.135           2.144

  POROSITY CHANGE   (LIME):   0.001


PGTK                          TOOL   CHECK

                            JIG
               BEFORE          AFTER        UNITS
  FFDC          336             337          CPS
  NFDC          549             554          CPS

  RHOB  CHANGE (WATER):   0.004 G/C3
                            FILE

                              8
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