BOREHOLE COMPENSATED SONIC 5"

CSU

COMPANY: ARCO EXPLORATION COMPANY

WELL: BANZER #34-16

FIELD: MIST-WILDCAT
COUNTY: COLUMBIA
STATE: OREGON
NATION: USA
LOCATION: 90'N & 1992'W OF SE COR

SEC: 16 TWP: 6N RGE: 5W

RECEIVED - PTLD
APR 17 1985
DEPT OF GEOLOGY
& MINERAL [illegible]

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 577.0 F
LOG MEASURED FROM: KB
13.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 590.0 F
DF: 589.0 F
GL: 577.0 F

DATE: 16 APR 85
RUN NO: 1

DEPTH-DRILLER: 4914.0 F
DEPTH-LOGGER: 4902.0 F
BTM. LOG INTERVAL: 4894.0 F
TOP LOG INTERVAL: 964.0 F

CASING-DRILLER: 966 F
CASING-LOGGER: 964 F
CASING: 9 5/8"
WEIGHT: 36.00 LB/F
BIT SIZE: 8 3/4"
DEPTH: 4914 F

OTHER SERVICES-
DIL
LDT/CNL/NGT
WST
SHDT
CST

API SERIAL NO:
36-009-001

PROGRAM
TAPE NO:
26.2
SERVICE
ORDER NO:
432414

TYPE FLUID IN HOLE: DESCO-DRISPAC
DENSITY: 10.2 LB/G
VISCOSITY: 44.0 S
PH: 9.5
FLUID LOSS: 4.8 C3
SOURCE OF SAMPLE: FLOWLINE
RM: 3.170 OHMM AT 83.0 DEGF
RMF: 2.850 OHMM AT 64.0 DEGF
RMC: 1.070 OHMM AT 67.0 DEGF
SOURCE RMF/RMC: MEAS/MEAS
RM AT BHT: 2.264 OHMM AT 119. DEGF
RMF AT BHT: 1.605 OHMM AT 119. DEGF
RMC AT BHT: .628 OHMM AT 119. DEGF

TIME CIRC. STOPPED: 13:30 4/15
TIME LOGGER ON BTM.: 15:00 4/16

MAX. REC. TEMP: 119.0 DEGF

LOGGING UNIT NO:	0120
LOGGING UNIT LOC:	SACRAMENTO
RECORDED BY:	MAYER
WITNESSED BY:	BUIKEMA

REMARKS:

CHLORIDES: 900PPM
FINS AND CMEZS USED FOR CENTRALIZATION.

EQUIPMENT NUMBERS-

SLS 525	SLC 1321	MCD 1237	SLM 138

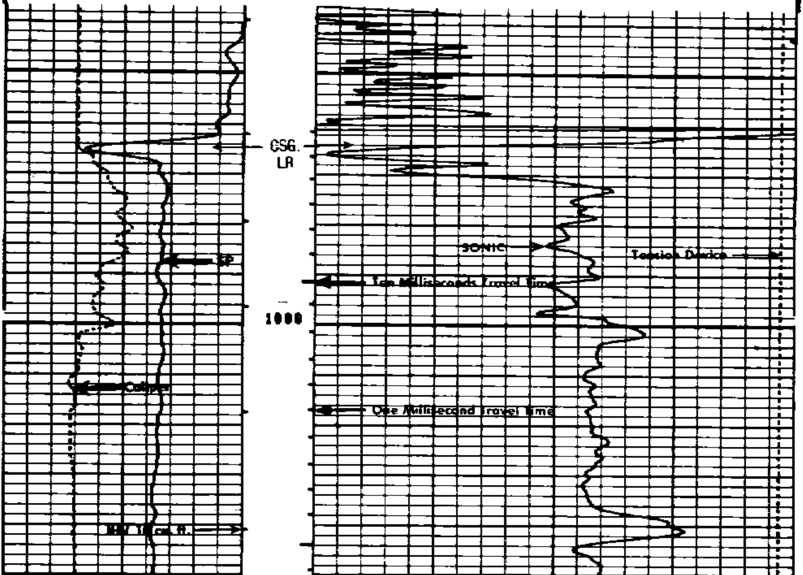
ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, 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.

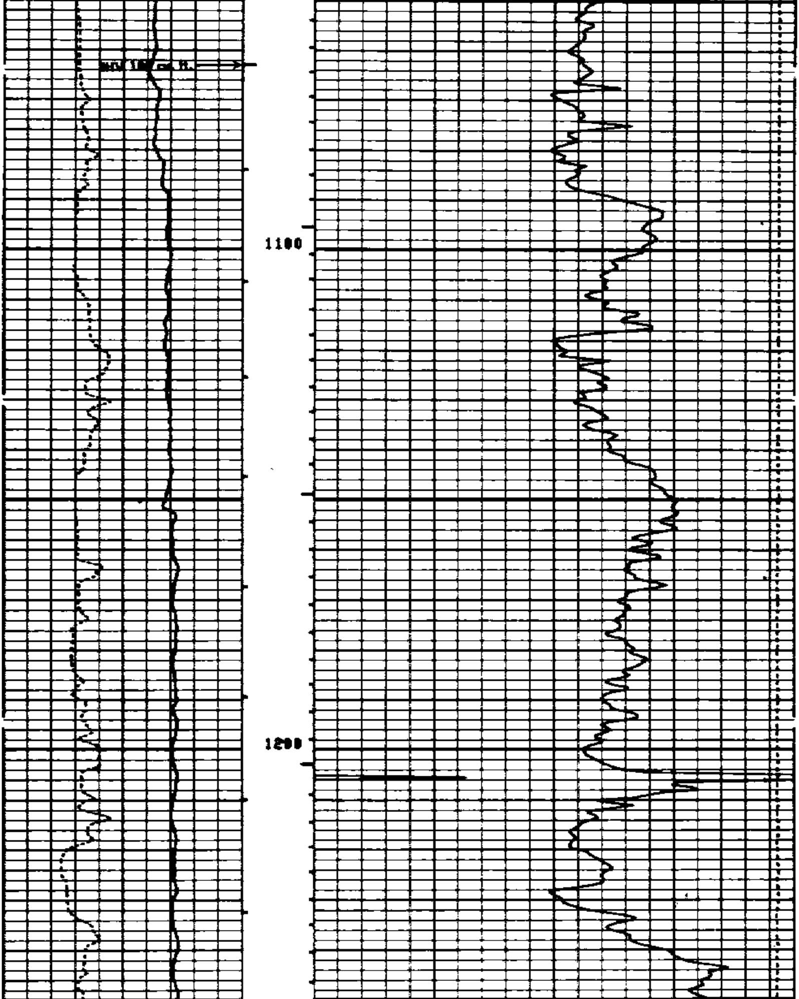
FILE 103 16-APR-85 17:20
DATA ACQUIRED 15-APR-85 19:21

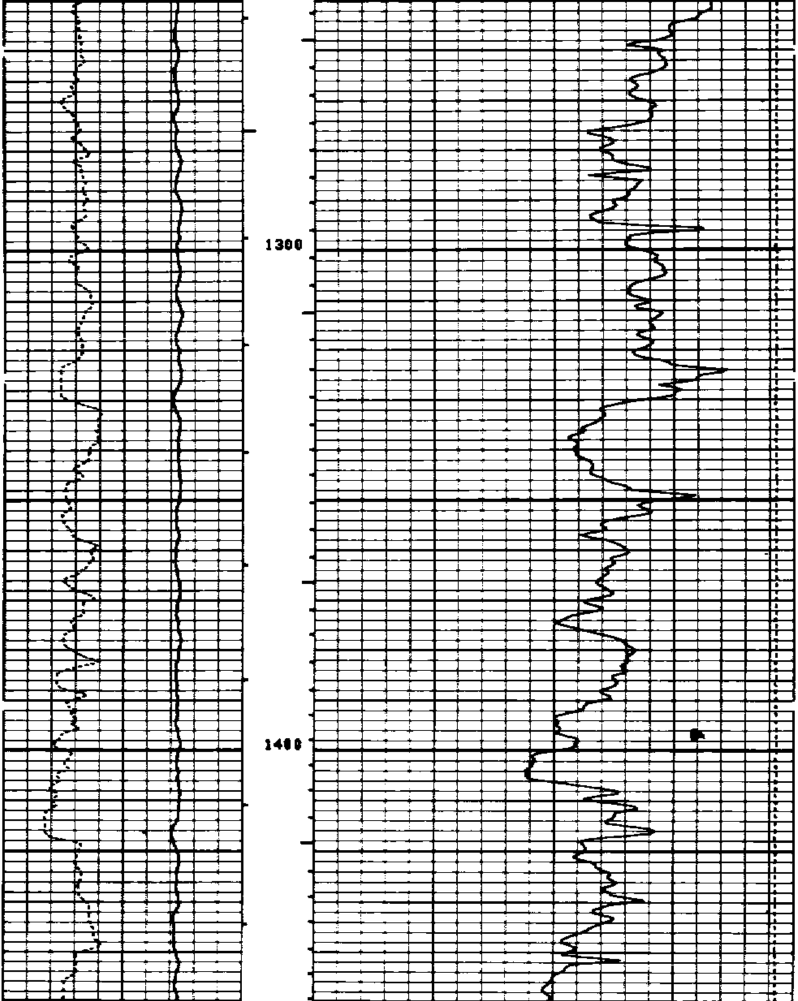
CALI(IN)
6.0000 16.000
SP (MV)
-100.0 0.0

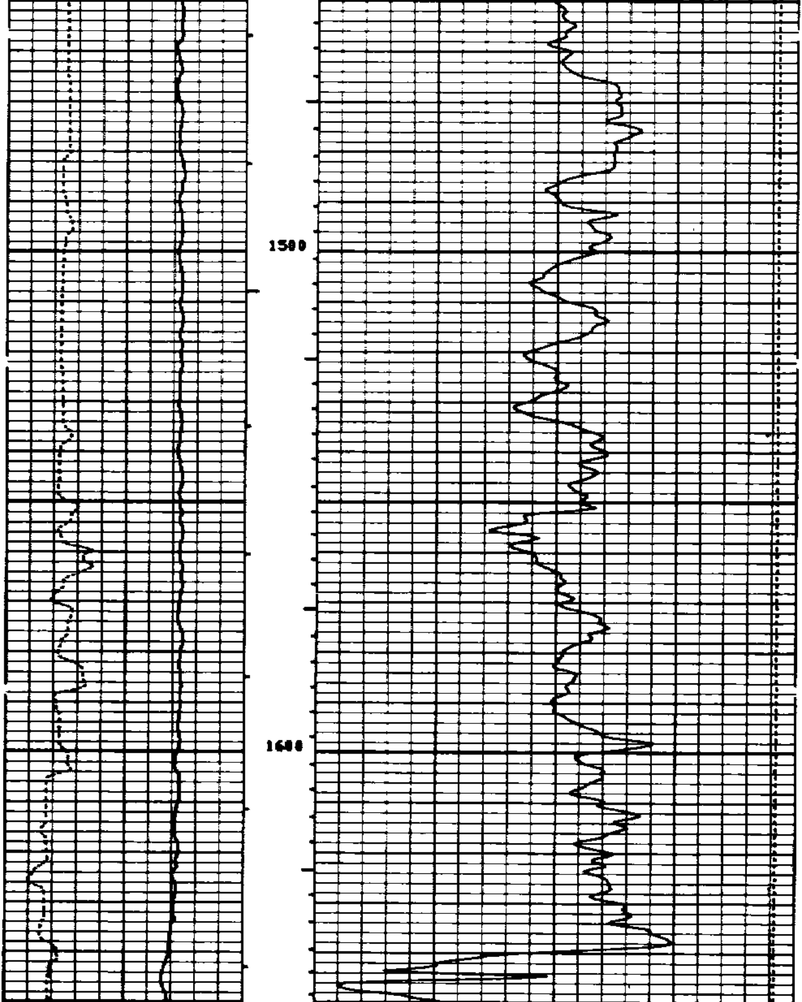
TENS(LB)
10000. 0.0
DT (US/F)
150.00 50.000

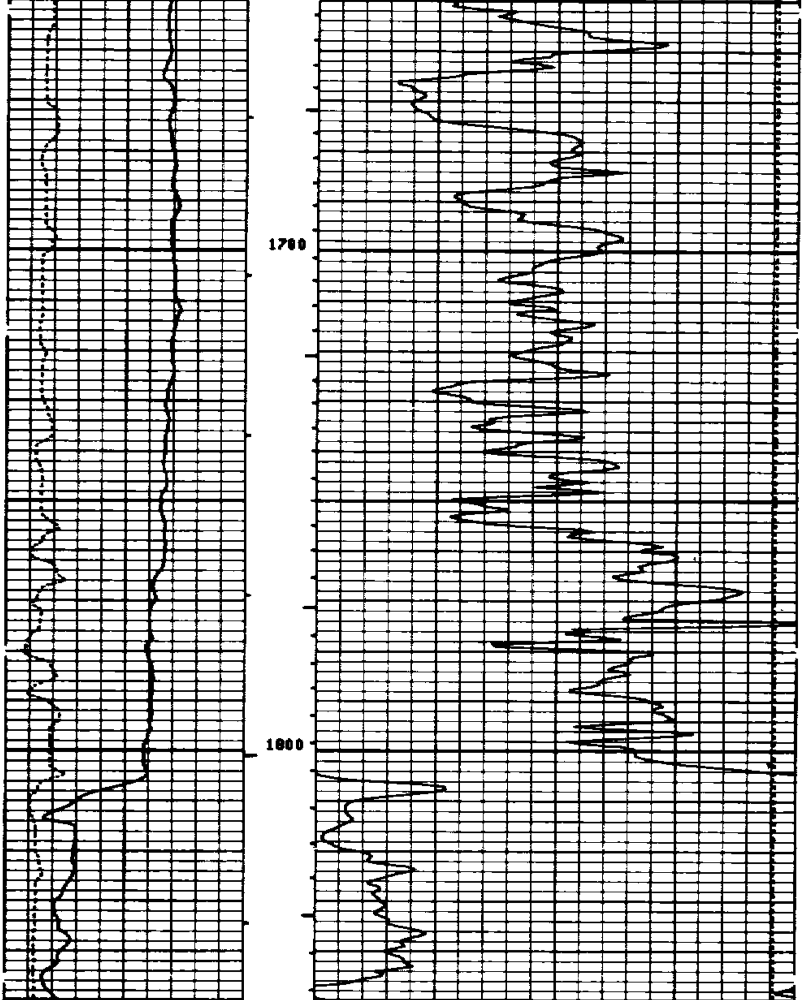
FILE 11 16-APR-85 17:03
DATA ACQUIRED 15-APR-85 19:21

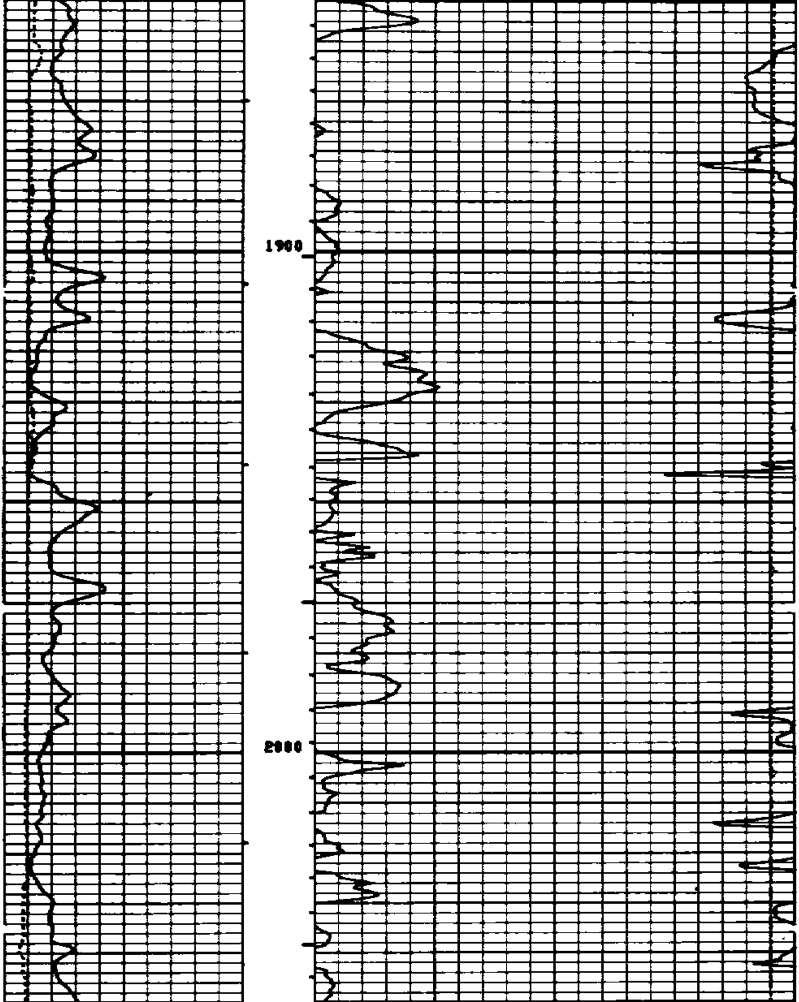


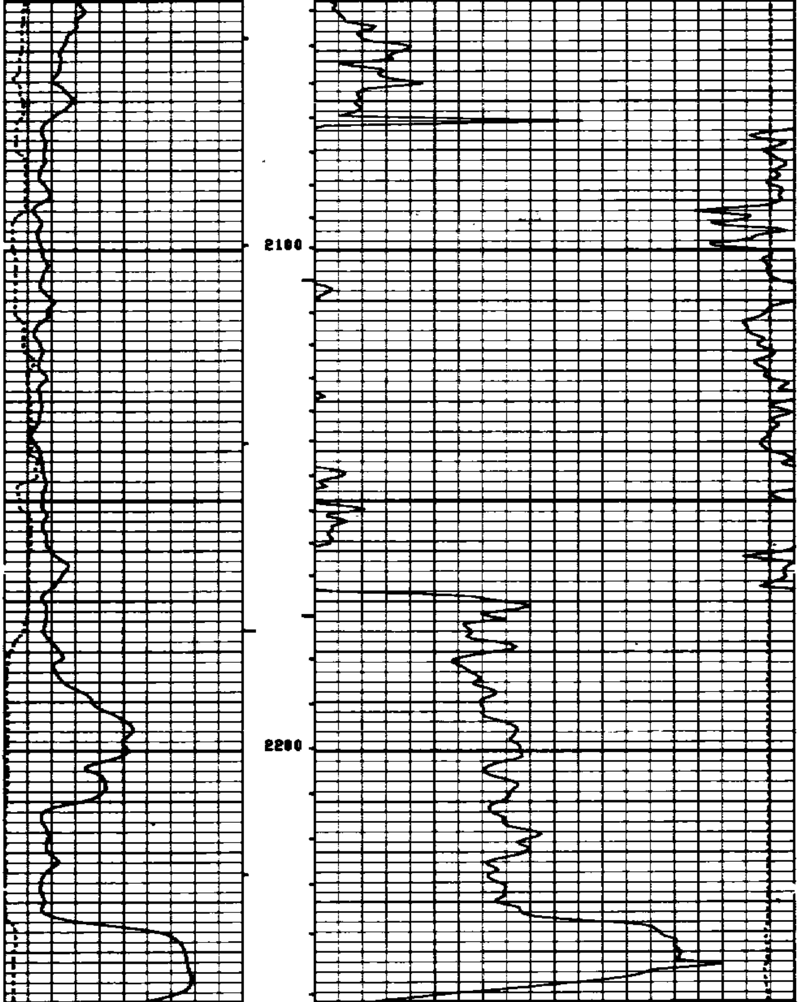


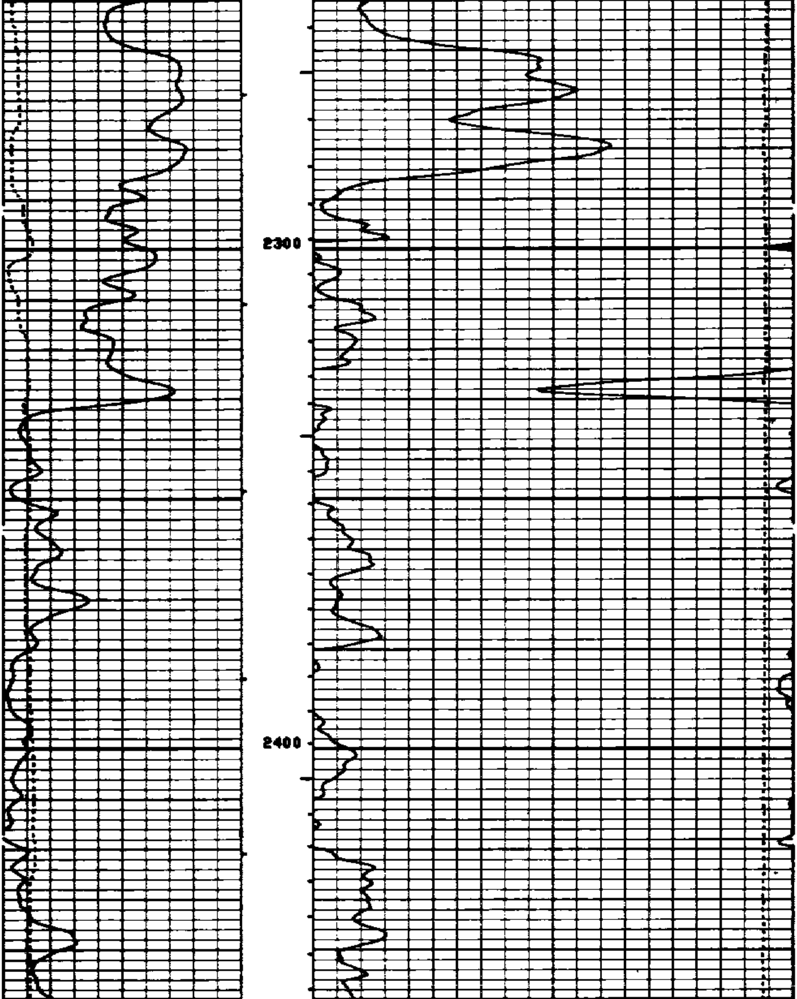


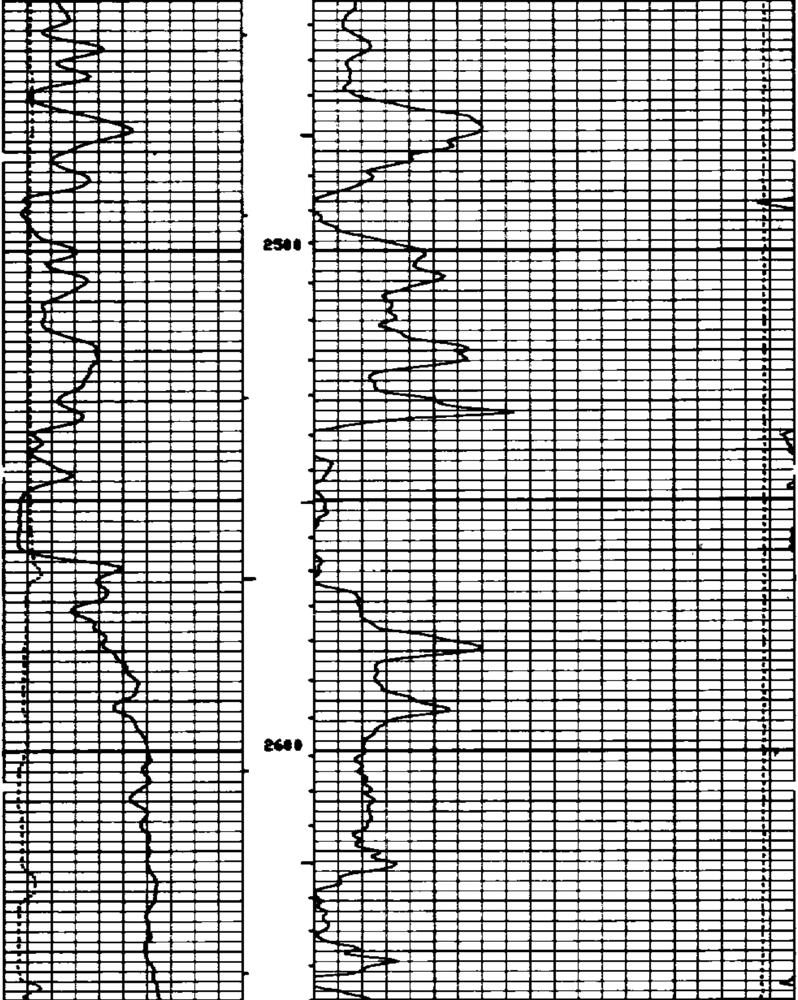


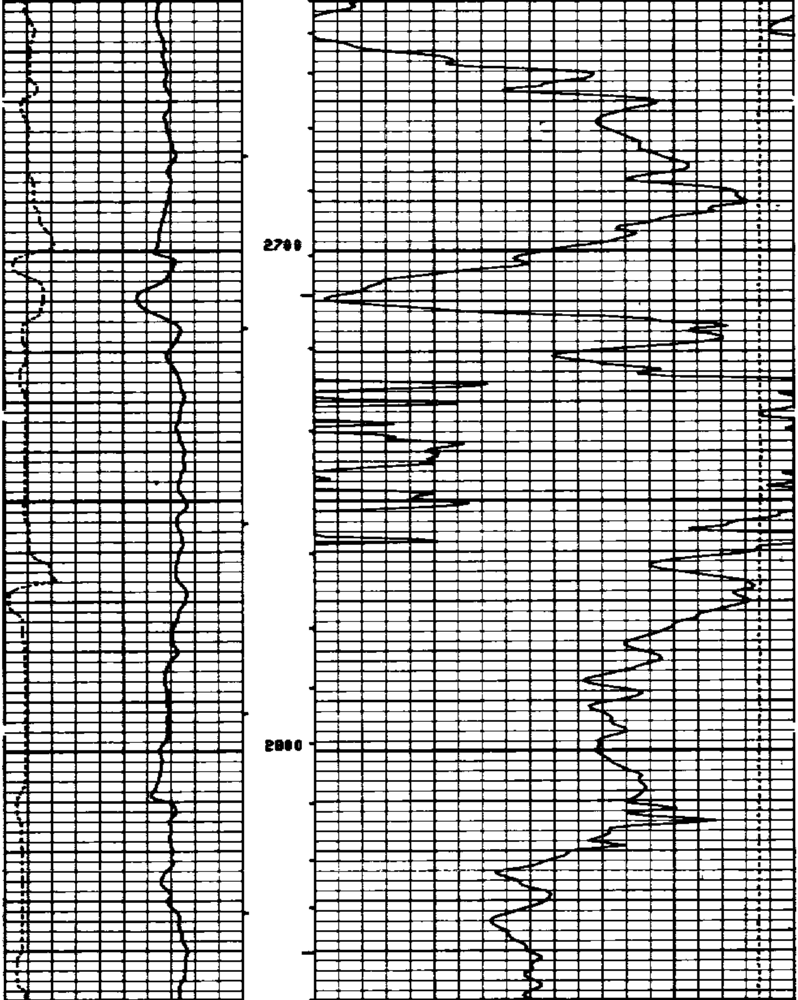


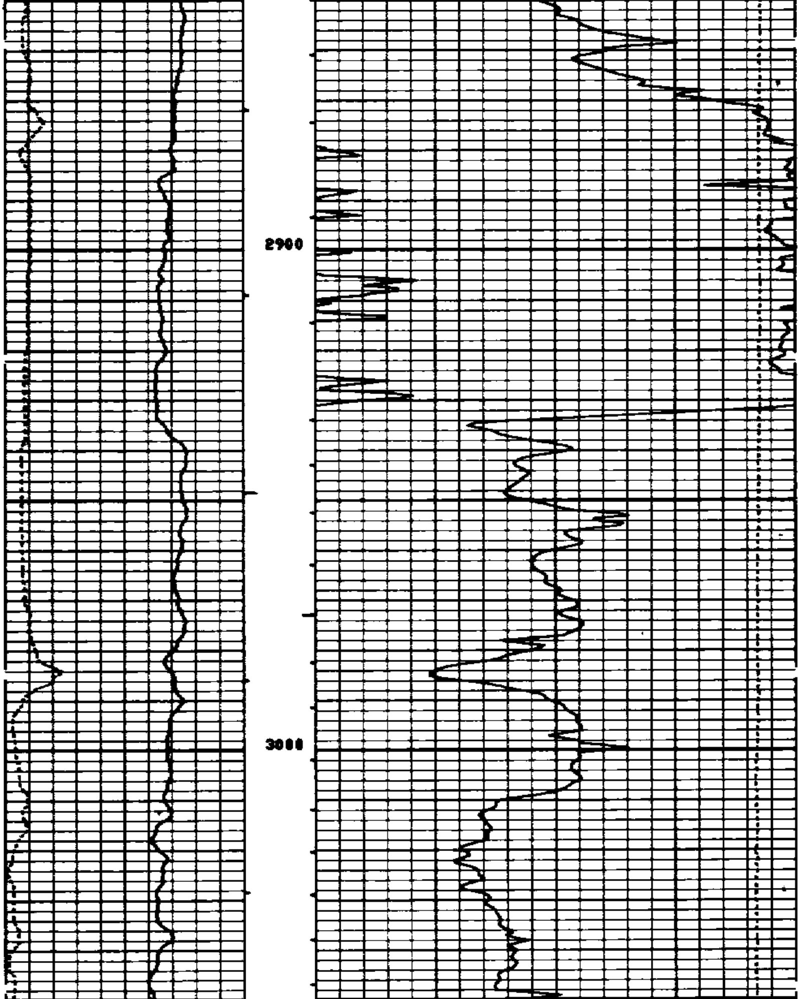


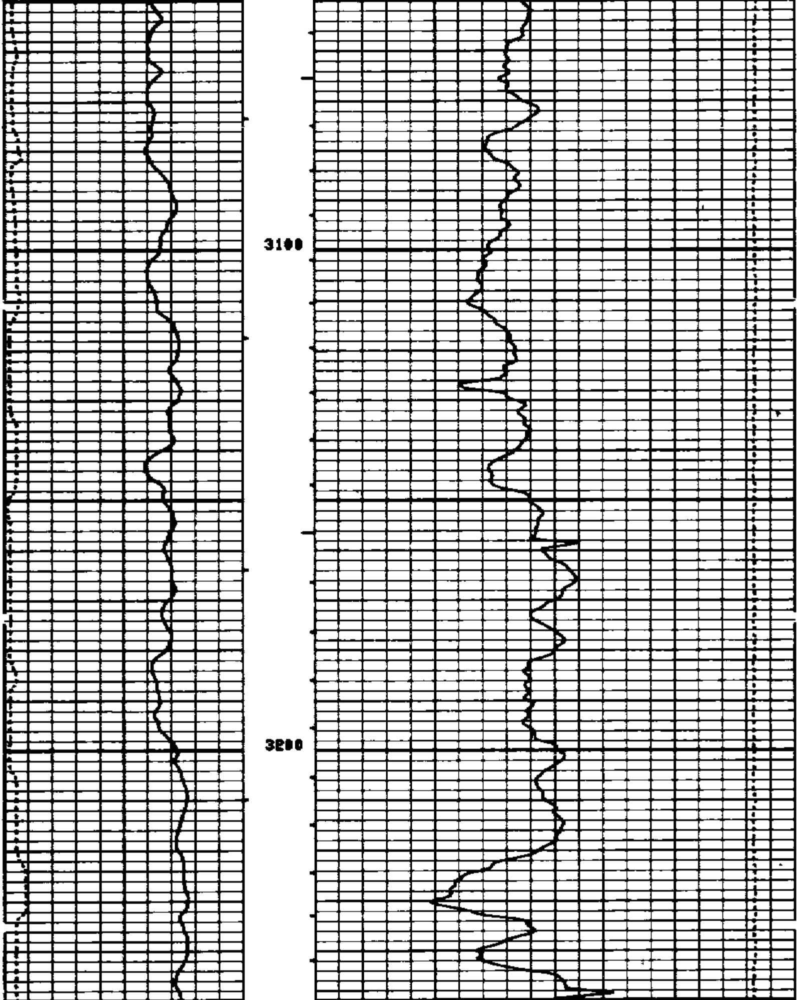


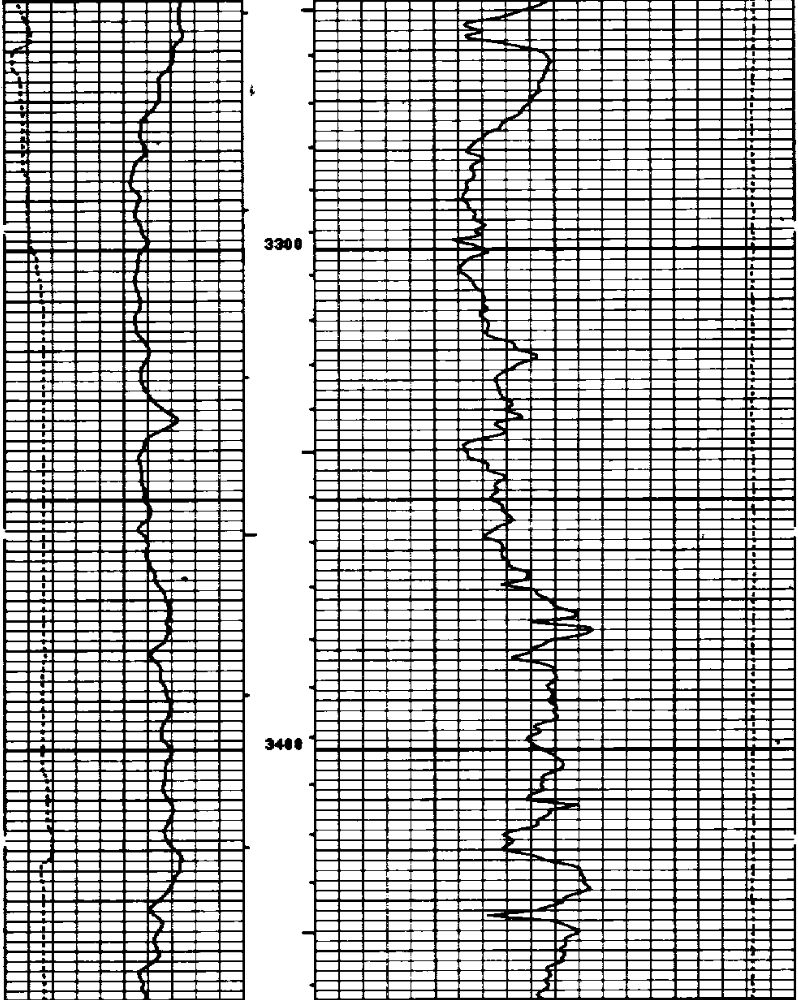


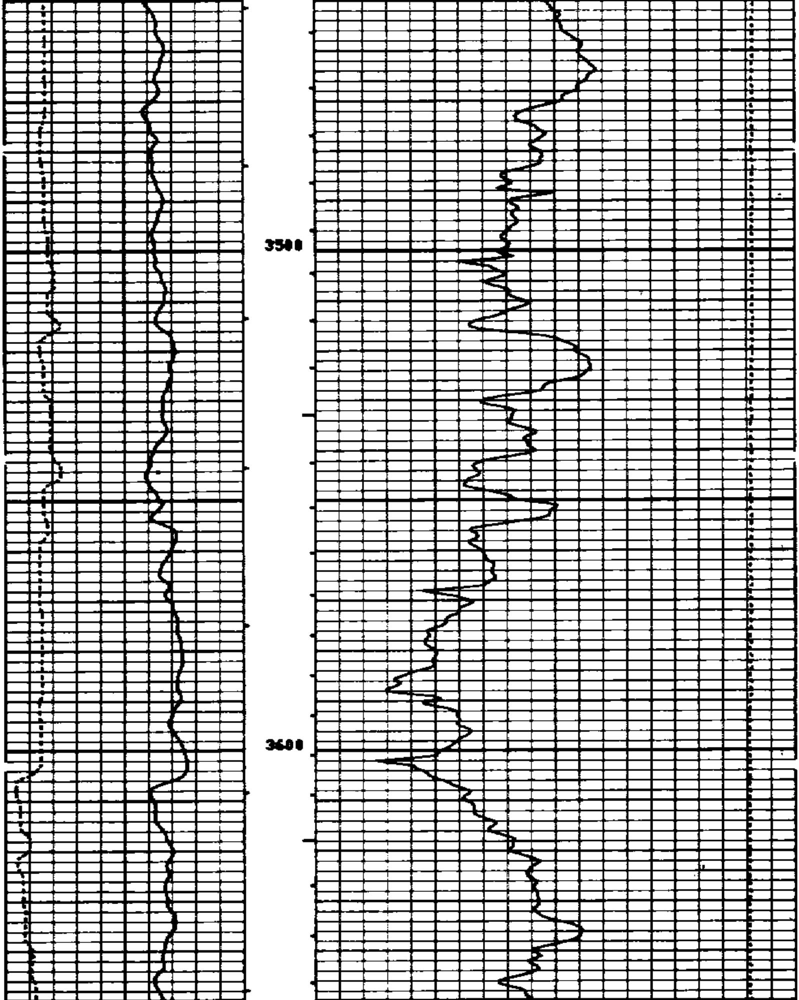


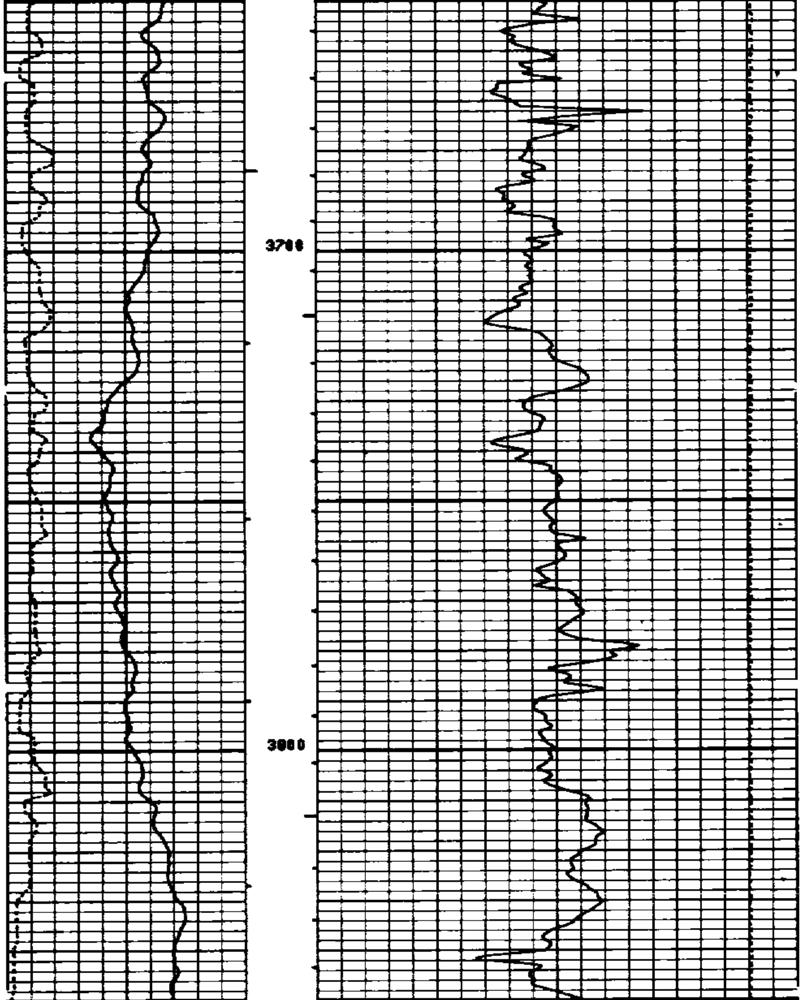


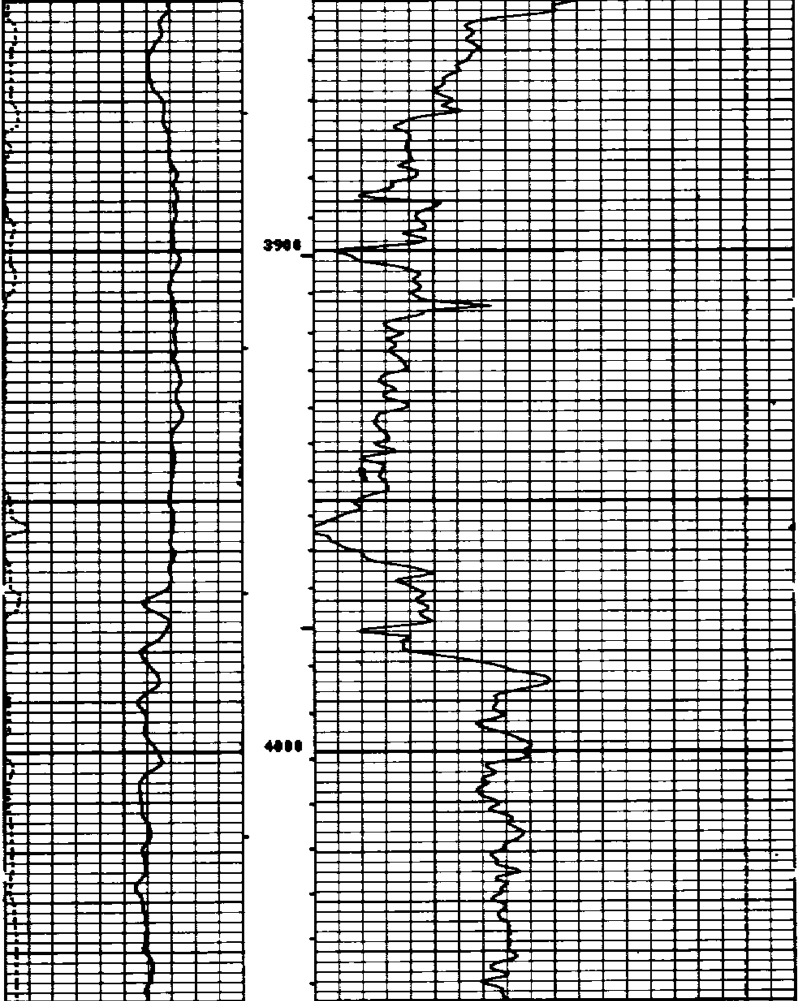


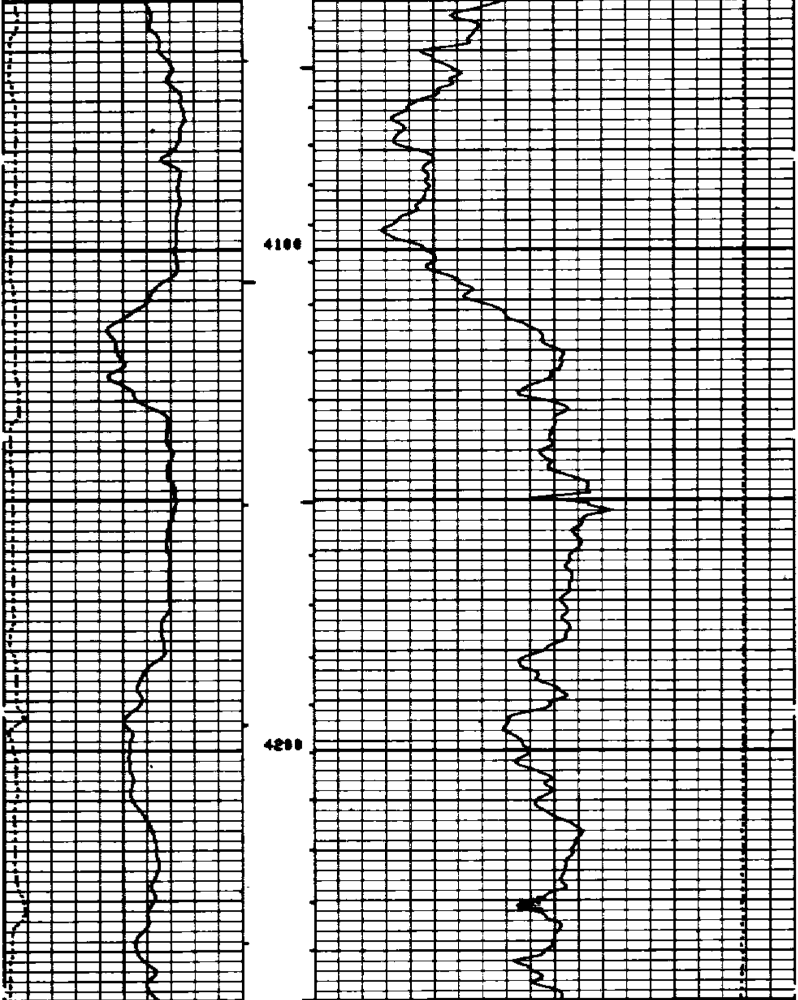


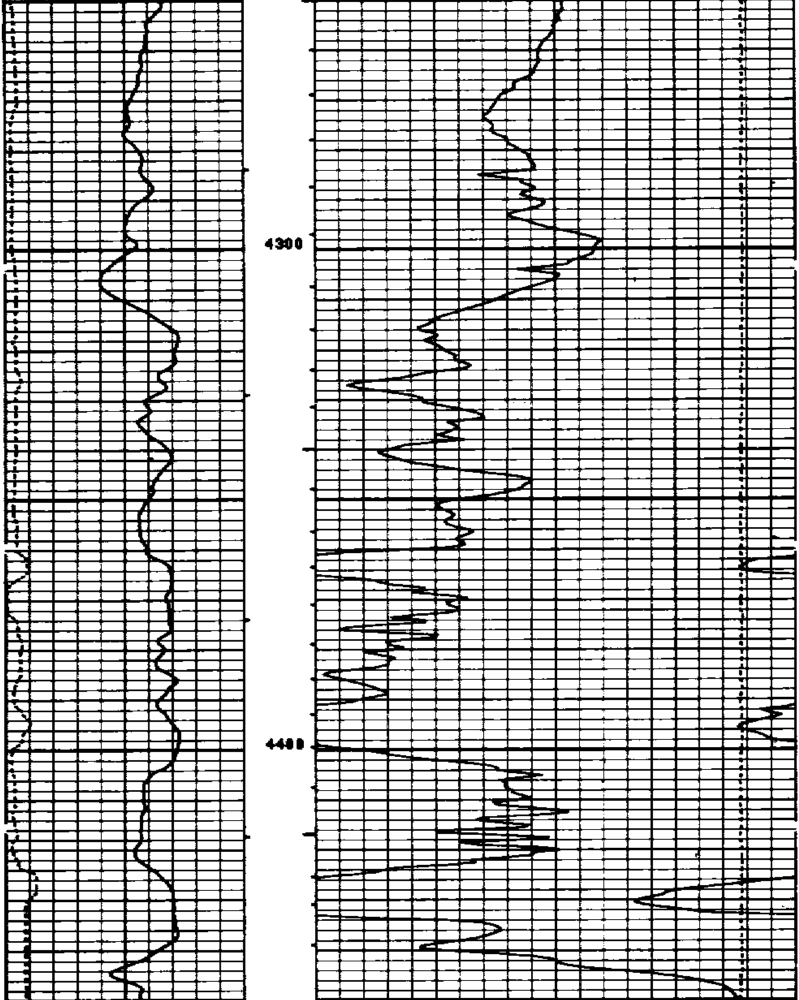


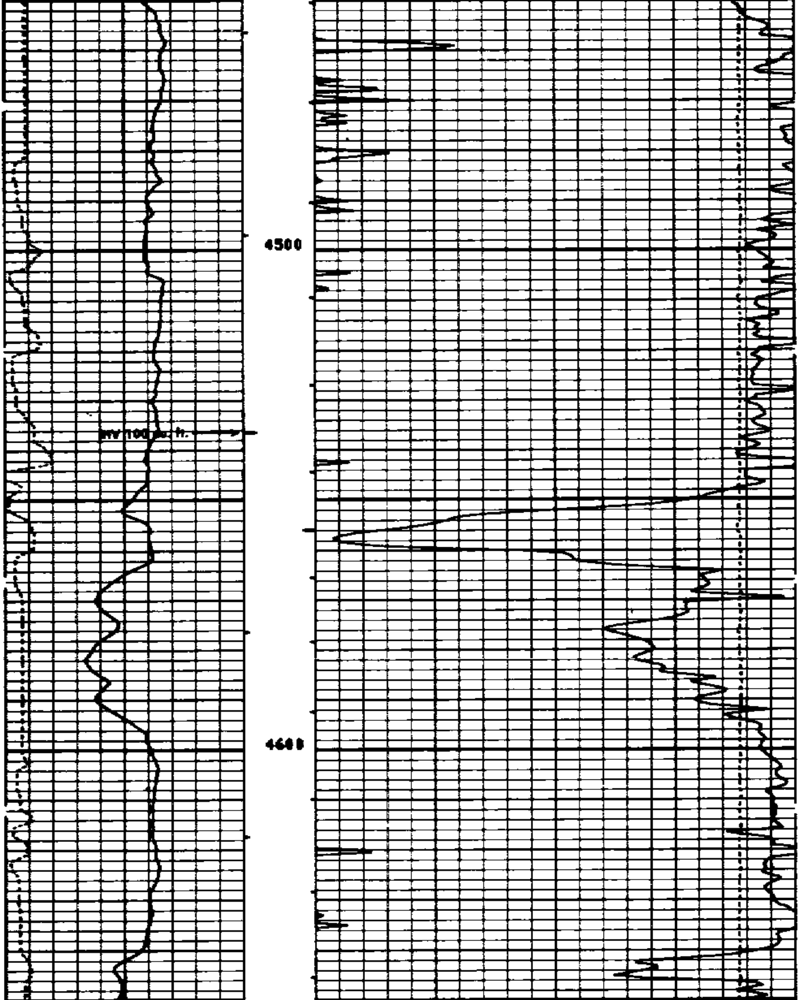


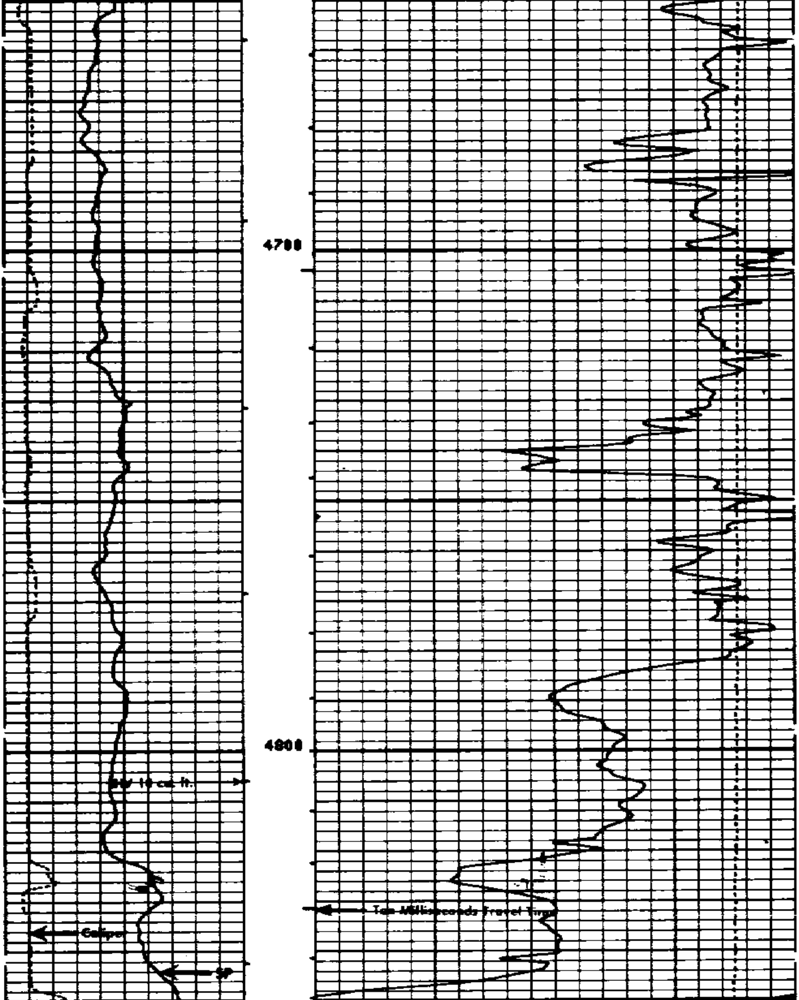


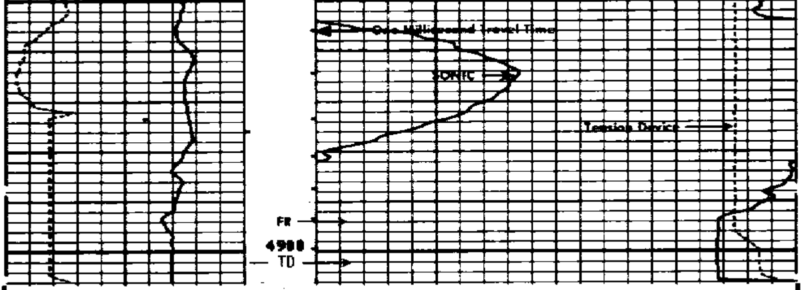












FILE 102 16-APR-85 16:55
DATA ACQUIRED 16-APR-85 15:05

CALI(IN)			TENS(LB)
6.0000 16.000			10000. 0.0
SP (MV)		DT (US/F)	
-100.0 0.0		150.00 50.000	

SENSOR MEASURE POINT TO TOOL ZERO

CNL	37.0	FEET	AMPL	37.0	FEET
TT3	33.3	FEET	TT4	32.3	FEET
TT1	36.0	FEET	TT2	37.0	FEET
CALI	56.1	FEET	SRAT	34.5	FEET
SFL	6.4	FEET	ILD	9.4	FEET
SP	2.5	FEET	ILM	5.7	FEET
TENS	3.5	FEET	SPAR	2.5	FEET
NOIS	28.0	FEET			

PARAMETERS

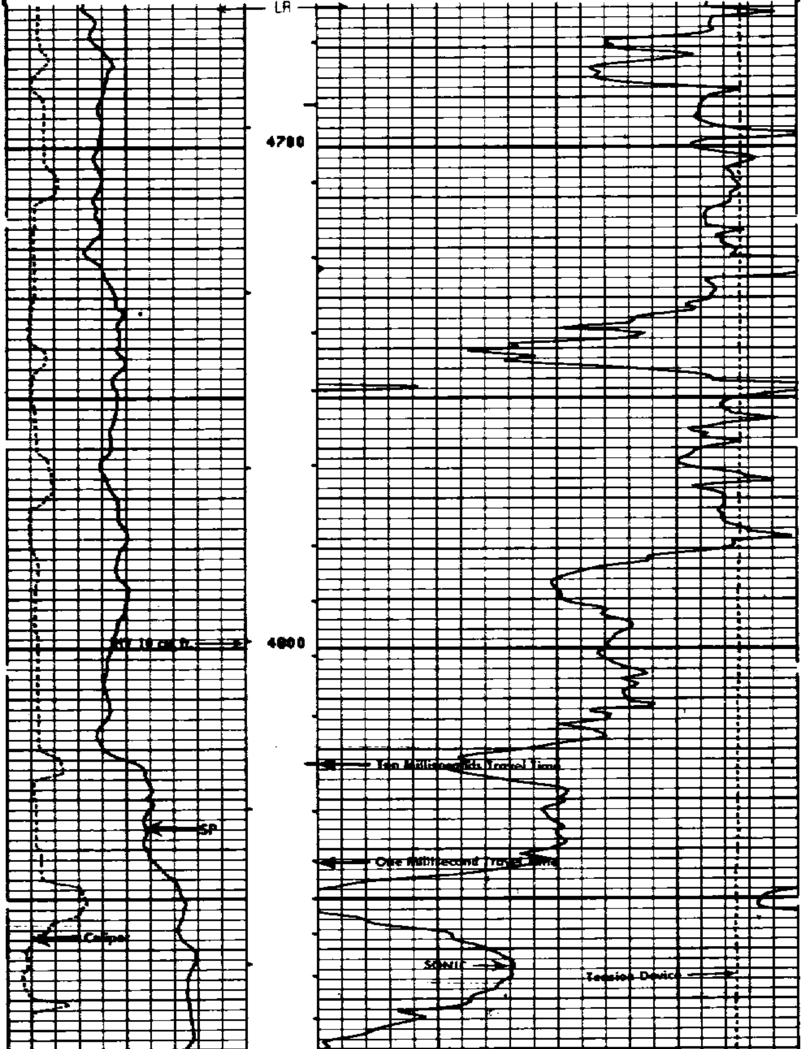
NAME	VALUE	UNIT	NAME	VALUE	UNIT
WSV1	WF1		DWS	16	
BSIN	5	US	DDEL	200	US
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
SDR	1.00000	OHMM	DSEC	6.00000	MMHO
FPHI	SPHI		MSEC	6.70000	MMHO
BS	8.75000	IN	BHS	OPEN	
DO	0.0	F	DO2	0.0	F
PP	NORM				

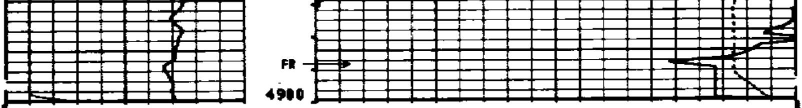
TAPE NOT MADE

CALI(IN)			TENS(LB)
6.0000 16.000			10000. 0.0
SP (MV)		DT (US/F)	
-100.0 0.0		150.00 50.000	

REPEAT SECTION

FILE 101 16-APR-85 16:54
DATA ACQUIRED 16-APR-85 15:03





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                FILE  101        16-APR-85 16:53
                DATA ACQUIRED    16-APR-85 14:50

   CALI(IN  )                                               TENS(LB  )
6.0000          16.000                          10000.              0.0
      SP  (MV  )                                       DT  (US/F)
-100.0            0.0               150.00                       50.000

               SENSOR MEASURE POINT TO TOOL ZERO

        CBL   37.0  FEET                   AMPL 37.0  FEET
        TT3   33.3  FEET                   TT4  32.3  FEET
        TT1   36.0  FEET                   TT2  37.0  FEET
        CALI  56.1  FEET                   SRAT 34.5  FEET
        SFL    6.4  FEET                   ILD   9.4  FEET
        SP     2.5  FEET                   ILM   5.7  FEET
        TENS   3.5  FEET                   SPAR  2.5  FEET
        NOIS  28.0  FEET

                             PARAMETERS

        NAME  VALUE     UNIT                NAME  VALUE     UNIT

        WSV1  WF1                           DWS   16
        DSIN  5         US                  DDEL  200       US
        CDTS  100.000                       DWCO  512
        DTF   189.000   US/F                DTM   56.0000   US/F
        SDR   1.00000   OHMM                BSEC  6.00000   MMHO
        FPHI  SPHI                          MSEC  6.70000   MMHO
        BS    8.75000   IN                  BHS   OPEN
        DO    0.0       F                   DO2   0.0       F
        PP    NORM

                           TAPE NOT MADE
```

```
                                                          TENS(LB  )
                                                    10000.          0.0
                                           RO  (OHMM)
                                 2.0000                          20000.
   CALI(IN  )                                     DT  (US/F)
6.0000          16.000           150.00                          50.000
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TOOL CHECK IN CASING

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                FILE    3        16-APR-85 14:28
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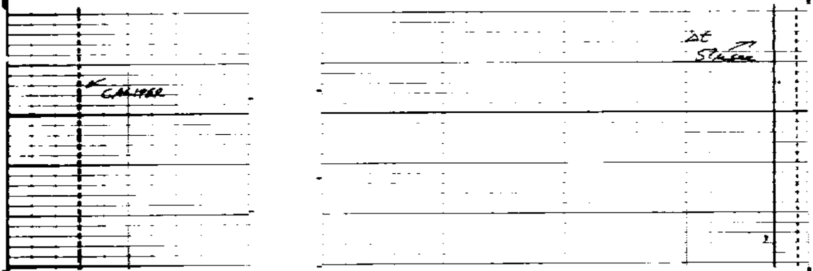

```
               BEFORE SURVEY CALIBRATION SUMMARY


  PERFORMED:      85/04/16
  PROGRAM FILE: ISN    (VERSION    26.2    83/11/17)


MCDD               CALIPER CALIBRATION SUMMARY

              MEASURED                     CALIBRATED
           SMALL    LARGE               SMALL      LARGE        UNITS
  CALI      7.5     12.2                 8.0       12.0          IN

                   FILE     0       16-APR-85 13:59
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