Schlumberger

BOREHOLE COMPENSATED SONIC 2" & 5"

CSU Field Log

COMPANY: FLORIDA EXPLORATION CO.

WELL: ~~HARRIS 1-4~~
Well 01-04
FIELD: WILDCAT
COUNTY: DOUGLAS
STATE: OREGON
NATION: USA
LOCATION: 445 W & 140 S FR NE COR

SEC: 4 TWP: 21S RGE: 6W

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 776.0'
LOG MEASURED FROM: KB
22.0' ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 798.0'
DF:
GL: 776.0'

DATE: 25 MAY 82
RUN NO: 1

DEPTH-DRILLER: 3002.0'
DEPTH-LOGGER: 3000.0'
BTM. LOG INTERVAL: 2958.0'
TOP LOG INTERVAL: 992.0'

CASING-DRILLER: 990'
CASING-LOGGER: 992'
CASING: 13.875

BIT SIZE: 12.25

OTHER SERVICES-
DIL
HDT
FDC-CNL-GR
RFT
CST

API SERIAL NO:
36-019-000

PROGRAM
TAPE NO:
20.2
SERVICE
ORDER NO:
205959

TYPE FLUID IN HOLE: LIGNOSULFONATE
DENSITY: 16.0 LB/G
VISCOSITY: 42.0 S
PH: 10.5
FLUID LOSS: 5.6 C3
SOURCE OF SAMPLE: FLOWLINE
RM: 0.633 OHMM AT 106. DF
RMF: 0.466 OHMM AT 67.0 DF
RMC: 2.100 OHMM AT 69.0 DF
SOURCE RMF/RMC: MEASURED/MEASURED
RM AT BHT: 0.533 OHM AT 127. DF
RMF AT BHT: 0.257 OHM AT 127. DF
RMC AT BHT: 1.191 OHM AT 127. DF

TIME CIRC. STOPPED: 0800
TIME LOGGER ON BTM.: 1300

MAX. REC. TEMP: 127.0 DF

LOGGING UNIT NO: [illegible]
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: MAYER
WITNESSED BY: HOHLT/NEWTON

REMARKS:

EQUIPMENT NUMBERS-

SLS 1082 SLC 1589 MCDB 290 SLM 131

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.

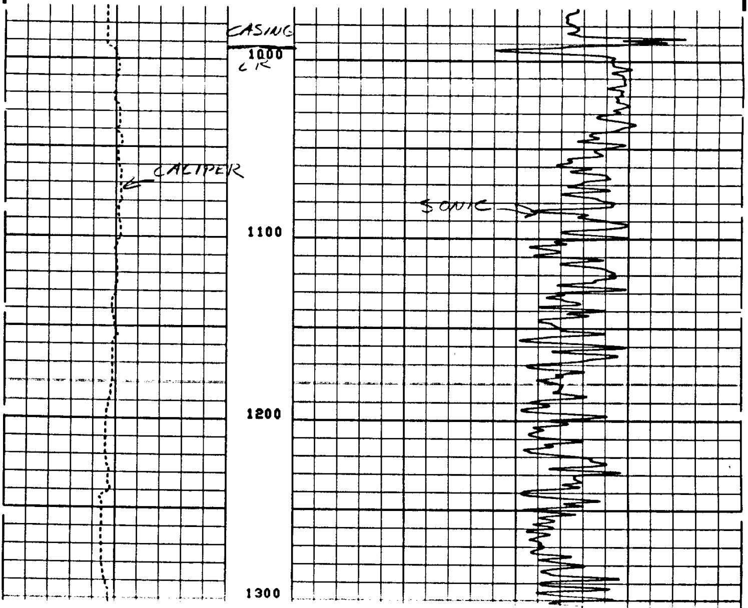
FILE

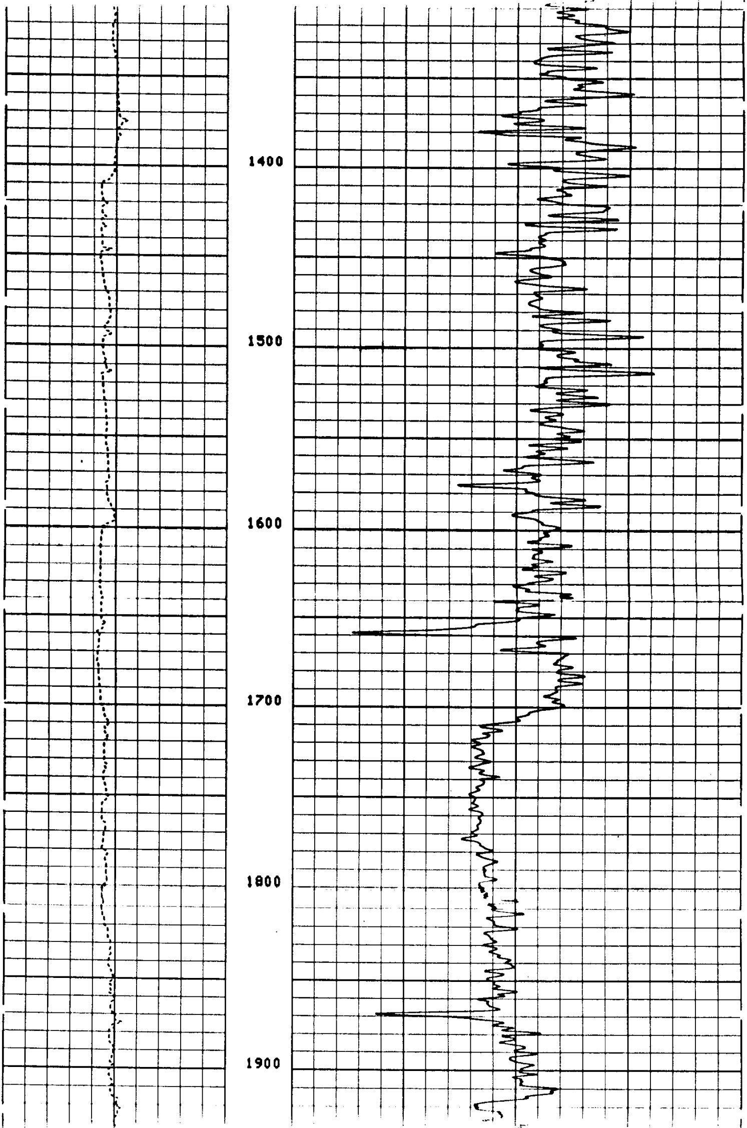
103

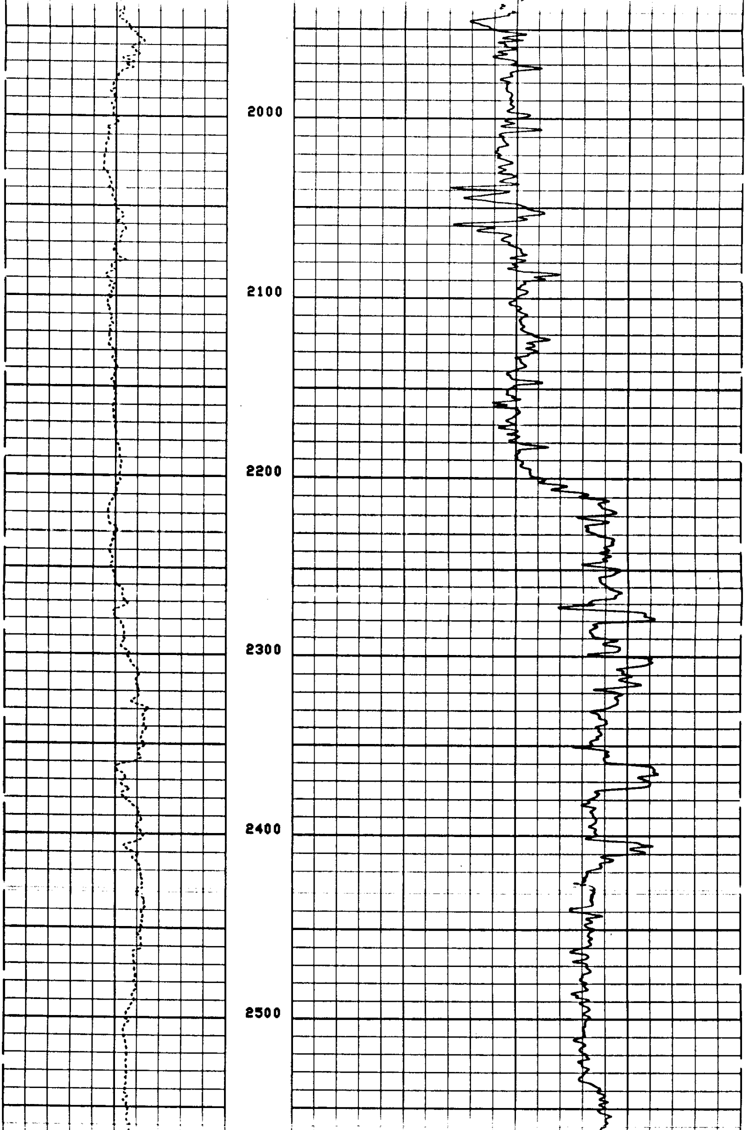
CALI (IN)		DT (US/F)	
0.000	10.00	150.0	50.00

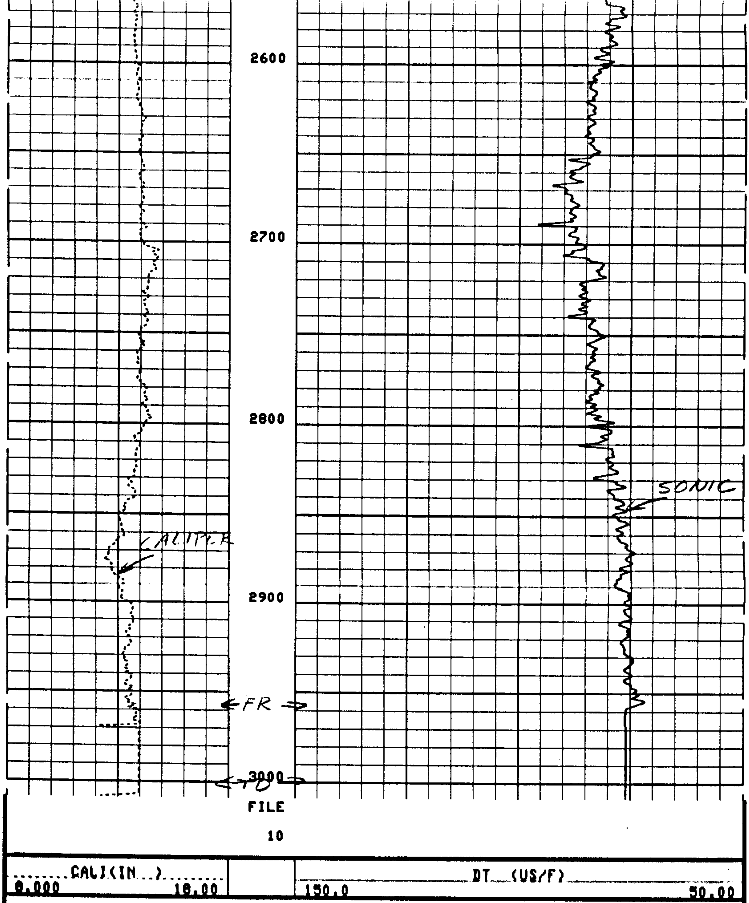
FILE

10









SENSOR MEASURE POINT TO TENSION REFERENCE POINT

AMPL	41.4	FEET	DT	38.9	FEET
SRAT	38.9	FEET	CBL	41.4	FEET
CALI	29.3	FEET	TT	41.4	FEET
SFL	3.9	FEET	ILD	6.9	FEET
SP	.0	FEET	ILM	3.3	FEET
TENS	.0	FEET	SPAR	.0	FEET
NOIS	33.2	FEET			

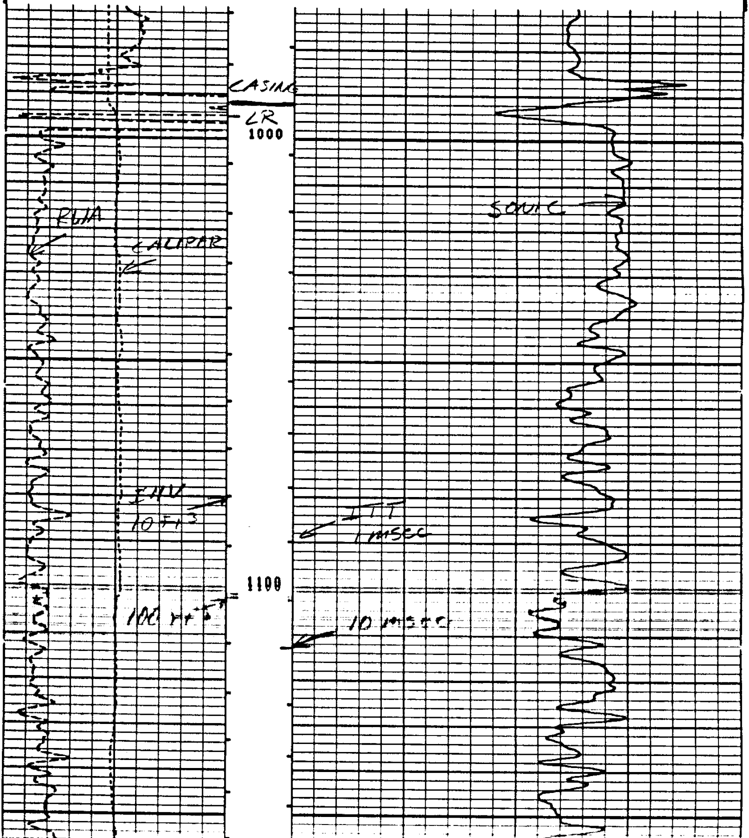
PARAMETERS

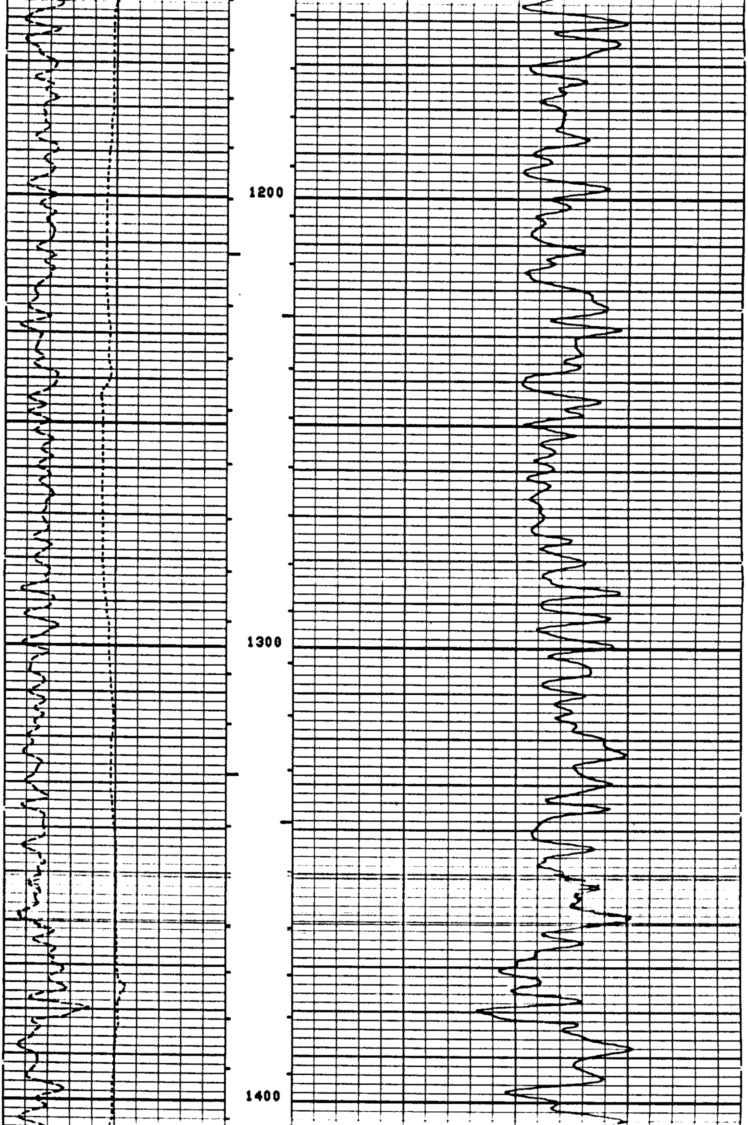
NAME	VALUE	UNIT	NAME	VALUE	UNIT
CDTS	100.0		BS	12.25	IN
DTF	189.0	US/F	DTM	55.60	US/F
SBR	1.000	OHMM	DSEC	6.600	MMHO
FPHI	SPHI		MSEC	0.3000	MMHO
DO	0.0		BHS	OPEN	

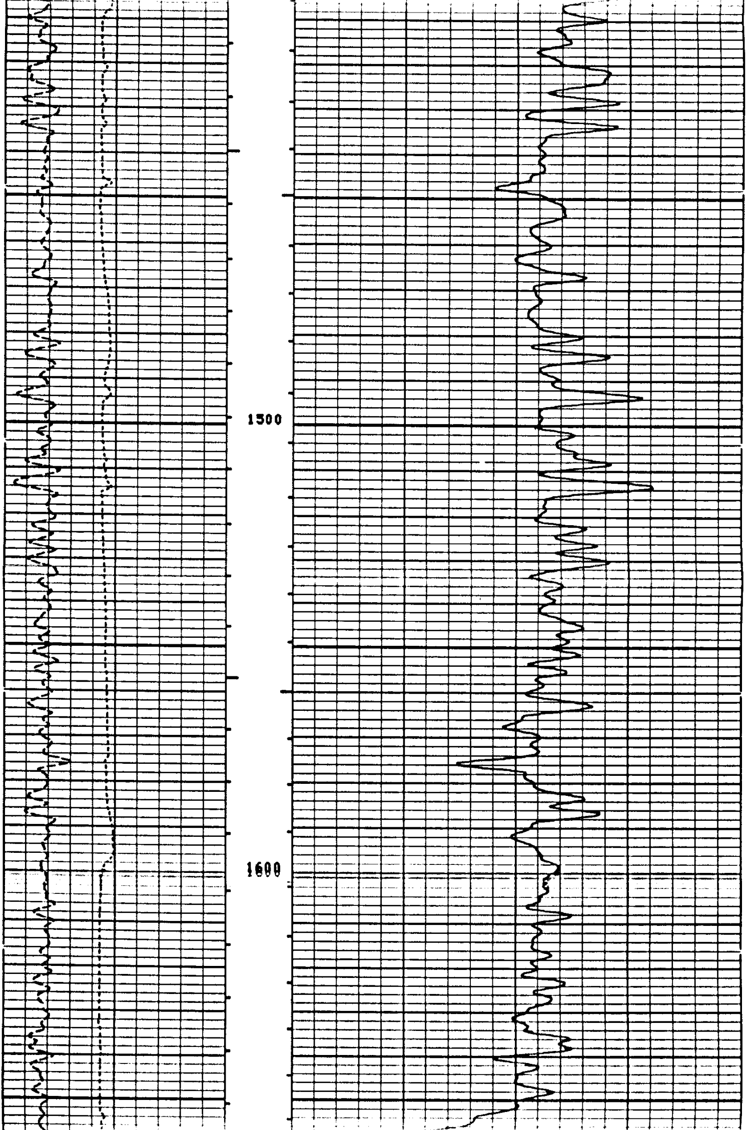
RWA (OHMM)
0.0 3.000
CALI(IN)
0.000 10.00

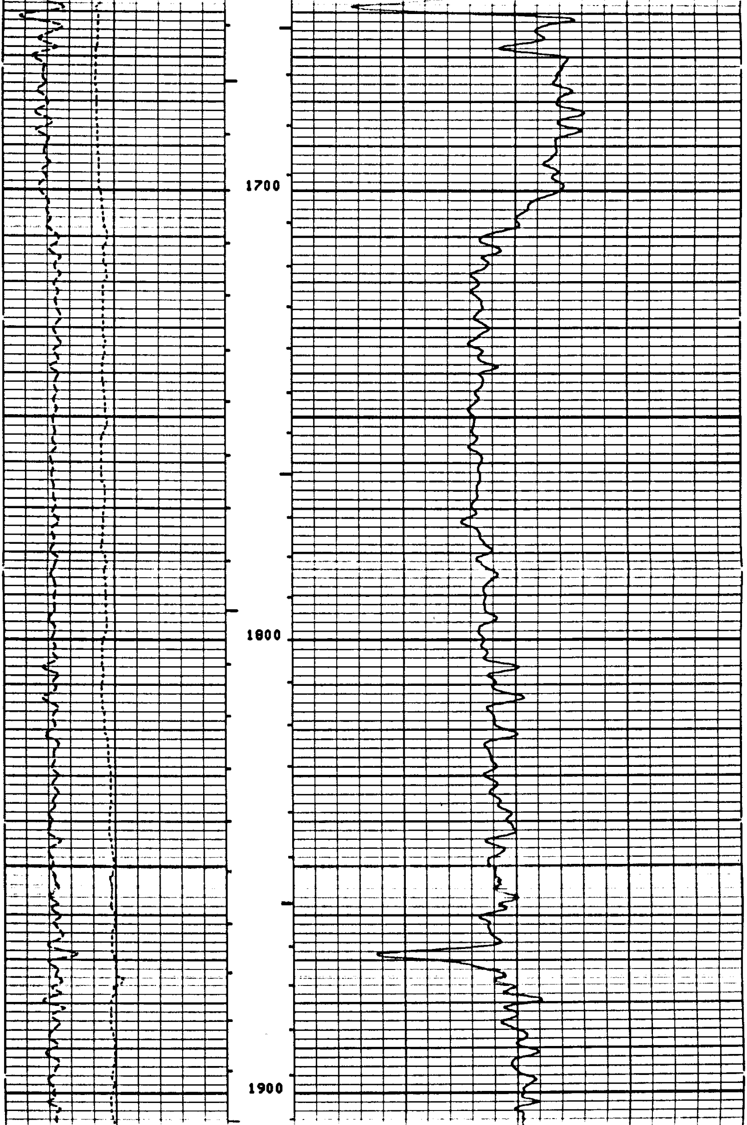
DT (US/F)
150.0 50.00

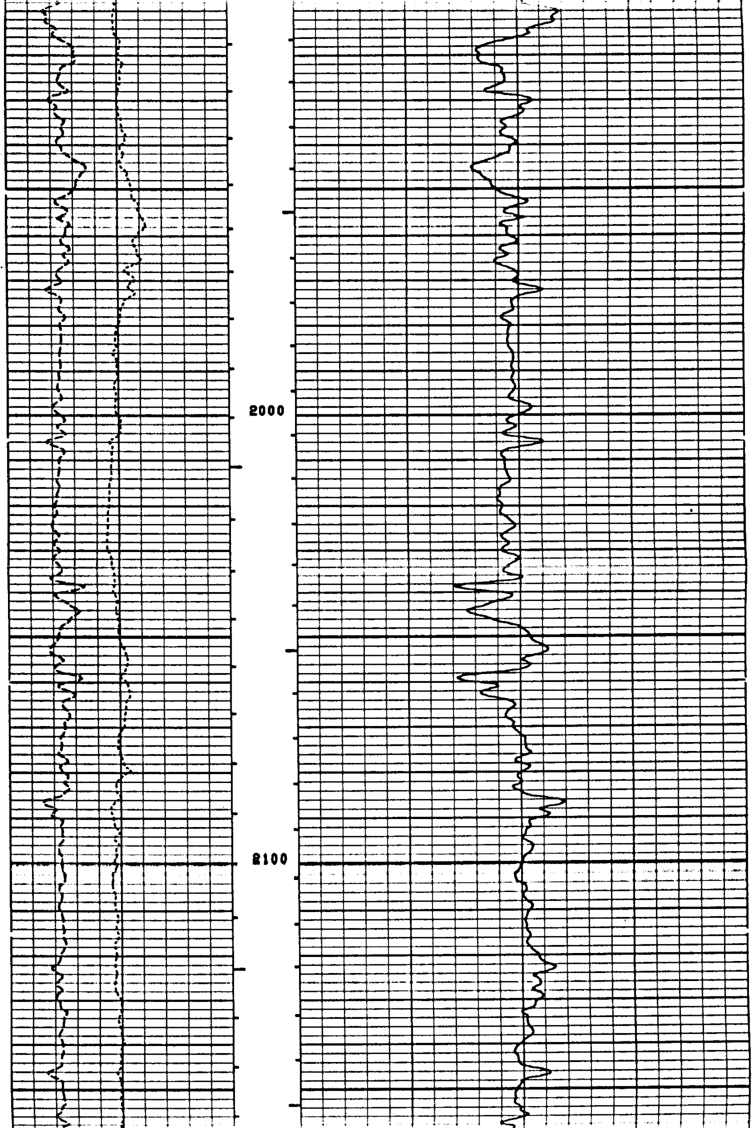
FILE
10

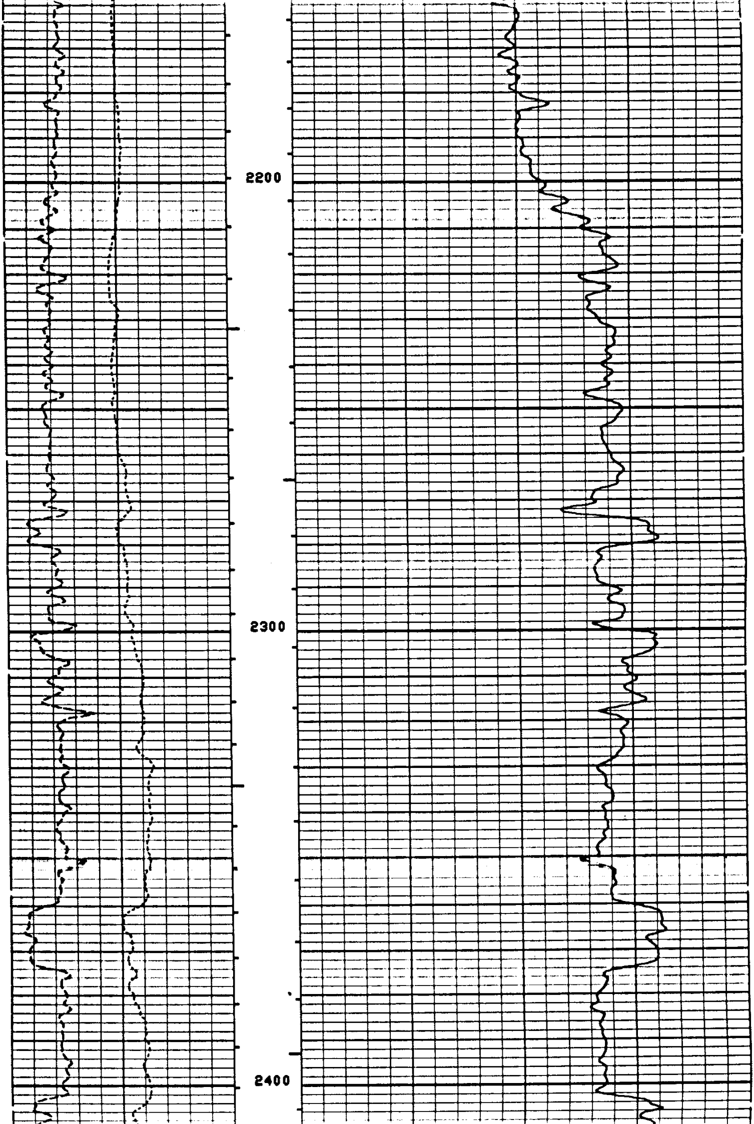


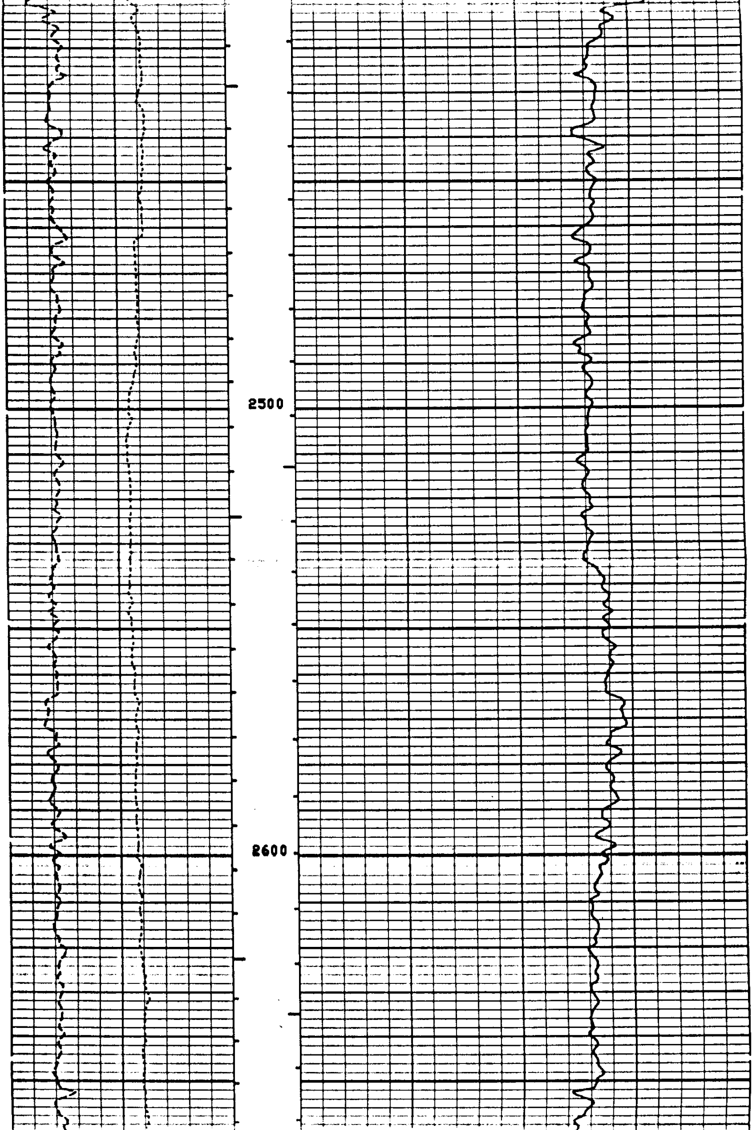


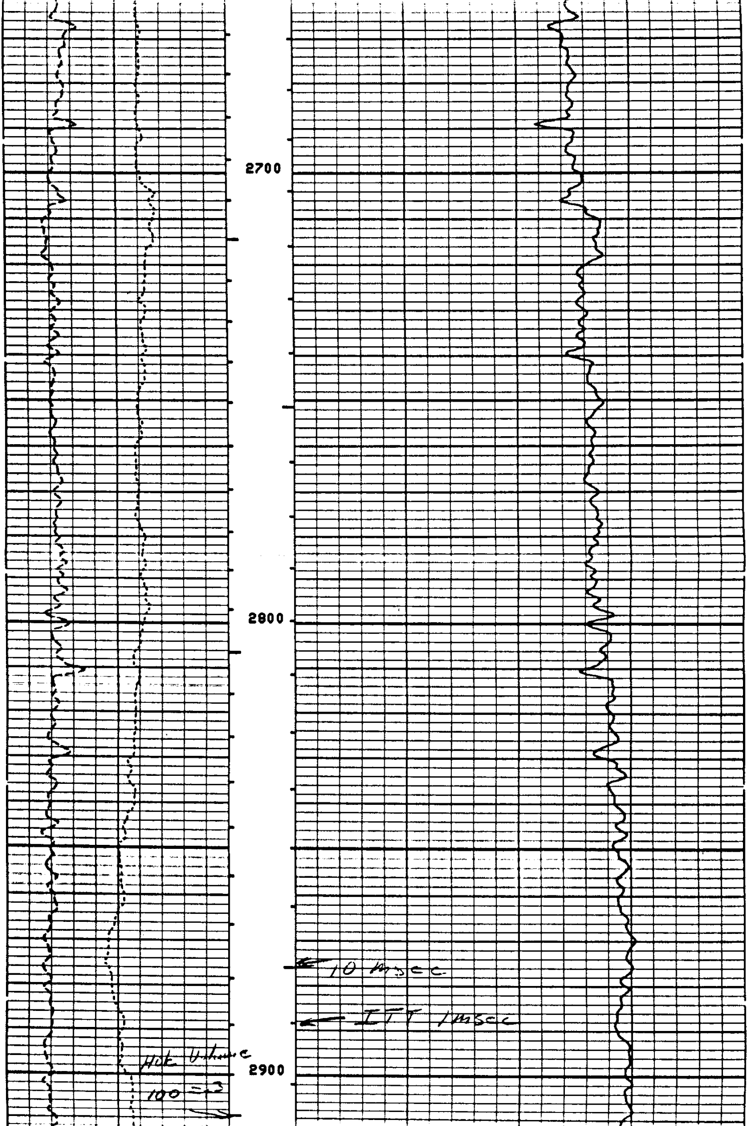


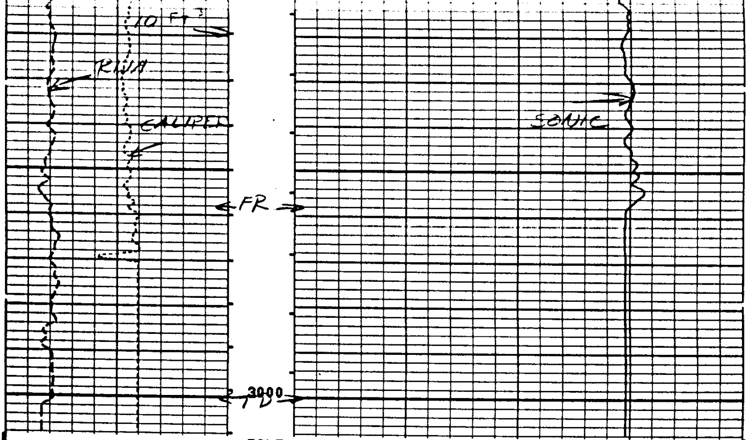












FILE

10

RWA (OHMM)
0.0 3.000
CALI(IN)
8.000 18.00

DT (US/F)
150.0 50.00

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

AMPL	41.4	FEET	DT	38.9	FEET
SRAT	38.9	FEET	CBL	41.4	FEET
CALI	29.3	FEET	TT	41.4	FEET
SFL	3.9	FEET	ILD	6.9	FEET
SP	.0	FEET	ILM	3.3	FEET
TENS	.0	FEET	SPAR	.0	FEET
NOIS	33.2	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
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SBR	1.000	OHMM	DSEC	6.600	MMHO
FPHI	SPHI		MSEC	0.3000	MMHO
DO	0.0		BHS	OPEN	

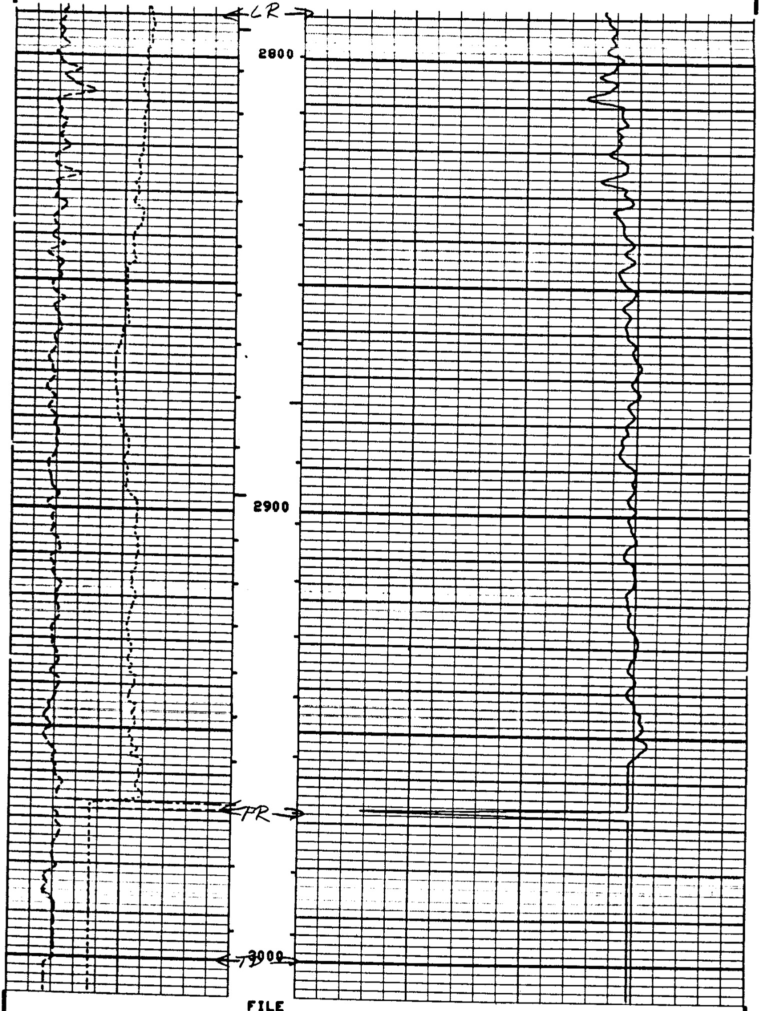
↓ REPEAT SECTION ↓

RWA (OHMM)
0.0 3.000
CALI(IN)
8.000 18.00

DT (US/F)
150.0 50.00

FILE

9



FILE

9

RHA (OHMM)
0.0 3.000
CALI(IN)
8.000 18.00

DT (US/F)
150.0 50.00

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

```
      AMPL  41.4  FEET                          DT     38.9  FEET
      SRAT  38.9  FEET                          CBL    41.4  FEET
      CALI  29.3  FEET                          TT     41.4  FEET
      SFL    3.9  FEET                          ILD     6.9  FEET
      SP      .0  FEET                          ILM     3.3  FEET
      TENS    .0  FEET                          SPAR     .0  FEET
      NOIS  33.2  FEET
```

```
                              PARAMETERS

      NAME   VALUE    UNIT                     NAME   VALUE     UNIT

      CDTS   100.0                             BS     12.25     IN
      DTF    189.0    US/F                     DTM    55.60     US/F
      SBR    1.000    OHMM                     DSEC   6.600     MMHO
      FPHI   SPHI                              MSEC   0.3000    MMHO
      DO     0.0                               BHS    OPEN
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               BEFORE SURVEY CALIBRATION SUMMARY

   PERFORMED:      82/05/25
   PROGRAM FILE: ISN     (VERSION     20.2     81/ 1/30)

 DITD                 ELECTRONICS CALIBRATION SUMMARY

              MEASURED                        CALIBRATED
            ZERO     PLUS                  ZERO        PLUS          UNITS
    ILD      1.0     531.2                  0.0        499.8          MMHO
    ILM     -0.1     508.1                  0.0        495.2          MMHO
    SFL     -0.5     505.0                  0.0        500.0          MMHO

 ILD  SONDE ERROR CORRECTION :          6.6    MMHO
 ILM  SONDE ERROR CORRECTION :          0.3    MMHO

 MCDD                 CALIPER CALIBRATION SUMMARY

              MEASURED                        CALIBRATED
            SMALL    LARGE                 SMALL       LARGE         UNITS
   CALI      7.6     11.6                   8.0        12.0           IN
                        FILE

                          8
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