CC 43-34-65 & RD1

5" DUAL INDUCTION-SFL

CSU

COMPANY: REICHHOLD ENERGY CORPORATION

WELL: "COLUMBIA COUNTY" #43-34 REDRILL #1

FIELD: MIST
COUNTY: COLUMBIA
STATE: OREGON
NATION: U.S.A.
LOCATION: 2116'N AND 1079'W FROM
SE CORNER OF
SEC: 34 TWP: 6N RGE: 5W

RECEIVED - PTLD
MAY 15 1985
DEPT. OF GEOLOGY
& MINERAL INDUS

OTHER SERVICES-
BHC
HDT

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 807.6 F
LOG MEASURED FROM: KB
11.5 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 819.1 F
DF: 818.1 F
GL: 807.6 F

PROGRAM
TAPE NO: 26.2
SERVICE
ORDER NO: 432435

DATE: 26 MAR 85
RUN NO: 1

DEPTH-DRILLER: 2225.0 F
DEPTH-LOGGER: 2220.0 F
BTM. LOG INTERVAL: 2214.0 F
TOP LOG INTERVAL: 431.0 F

CASING-DRILLER: 431 F
CASING-LOGGER: 431 F
CASING: 8 5/8"

BIT SIZE: 7 7/8"
DEPTH: 2225 F

TYPE FLUID IN HOLE: GEL/LIGNO
DENSITY: 11.0 LB/G
VISCOSITY: 47.0 S
PH: 9.5
FLUID LOSS: 6.0 C3
SOURCE OF SAMPLE: MUDPIT
RM: 2.120 OHMM AT 60.0 DEGF
RMF: 1.740 OHMM AT 45.0 DEGF
RMC: 5.660 OHMM AT 45.0 DEGF
SOURCE RMF/RMC: MEASURED/MEASURED
RM AT BHT: 1.406 OHMM AT 94.0 DEGF
RMF AT BHT: .895 OHMM AT 94.0 DEGF
RMC AT BHT: 2.914 OHMM AT 94.0 DEGF

TIME CIRC. STOPPED: 04:00 3-26
TIME LOGGER ON BTM.: 07:15 3-26

MAX. REC. TEMP: 94.0 DEGF

LOGGING UNIT NO: 8128
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: PILCH
WITNESSED BY: THOMAS/ALGER

REMARKS:

950 PPM CHLORIDES
DUAL AND SONIC RUN IN COMBINATION.
CME-Z AND STANDOFFS USED FOR DENTRALIZATION.
CALIPER RESPONSE AFFECTED BY 25 DEGREE KICKOFF AT 480'.

EQUIPMENT NUMBERS-

DIS-EC 691	DIC-DA 342	SLS-RC 252	SLC-FA 1321
MCD-DA 1237	IEM-BD 232	SLM-CA 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 6 26-MAR-85 07:59
DATA ACQUIRED 26-MAR-85 07:46

TENS(LB)
10000. 0.0

RWA (OHMM)
0.0 3.0000

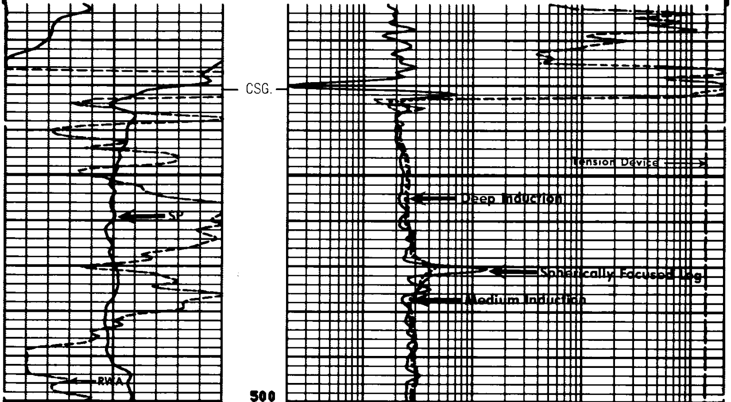
SP (MV)
-100.0 0.0

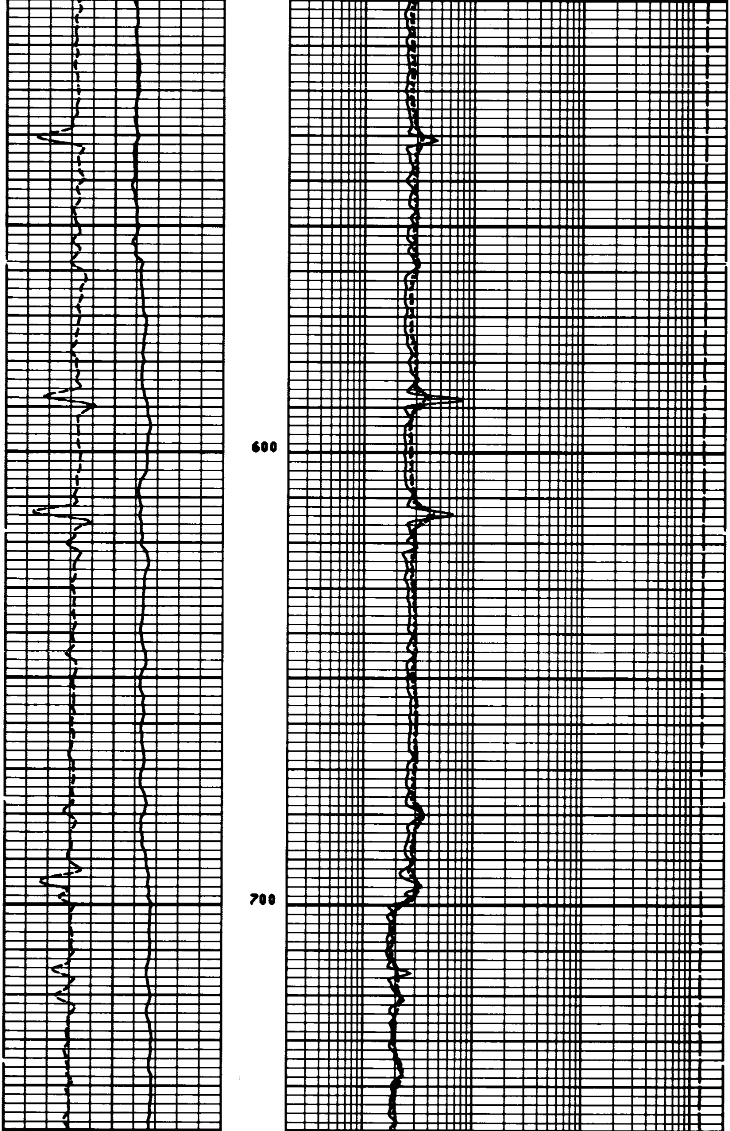
ILD (OHMM)
.20000 2000.0

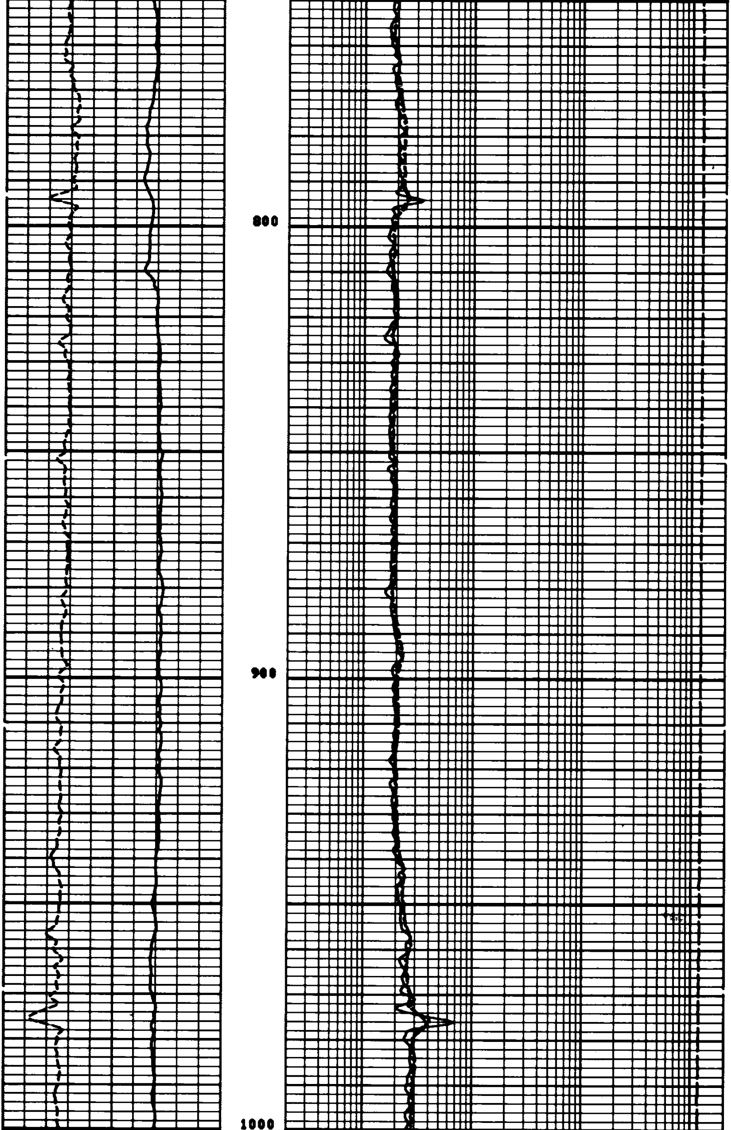
ILM (OHMM)
.20000 2000.0

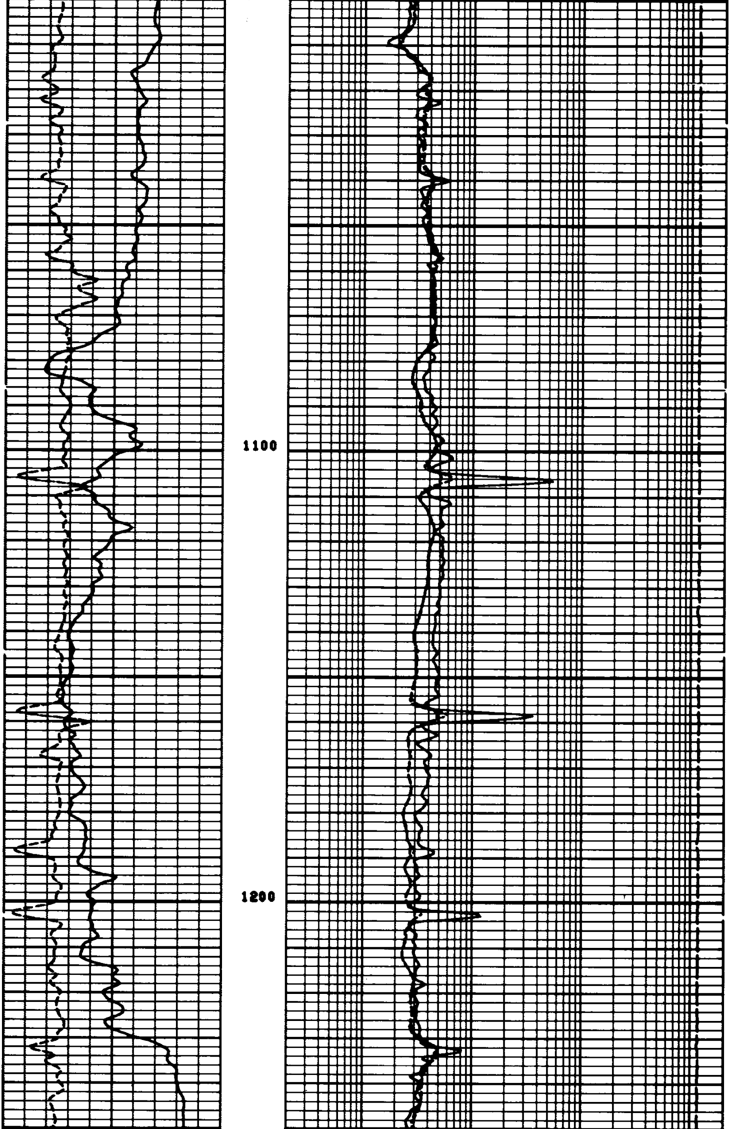
SFLU(OHMM)
.20000 2000.0

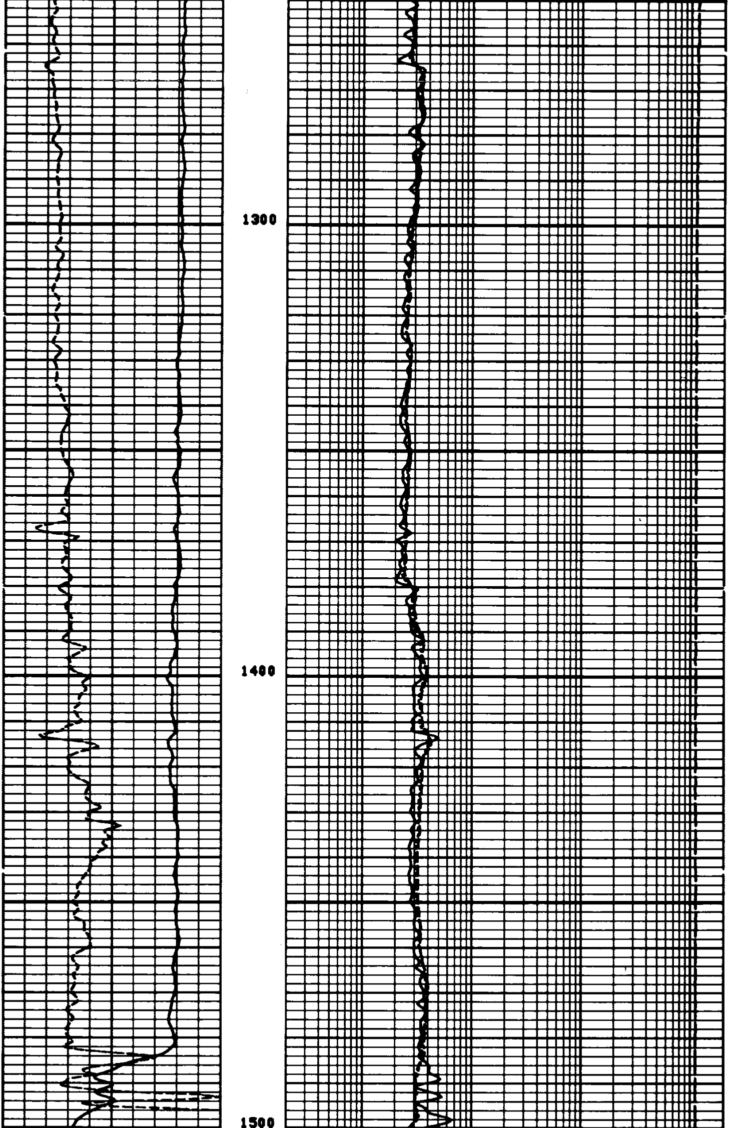
FILE 6 26-MAR-85 07:46

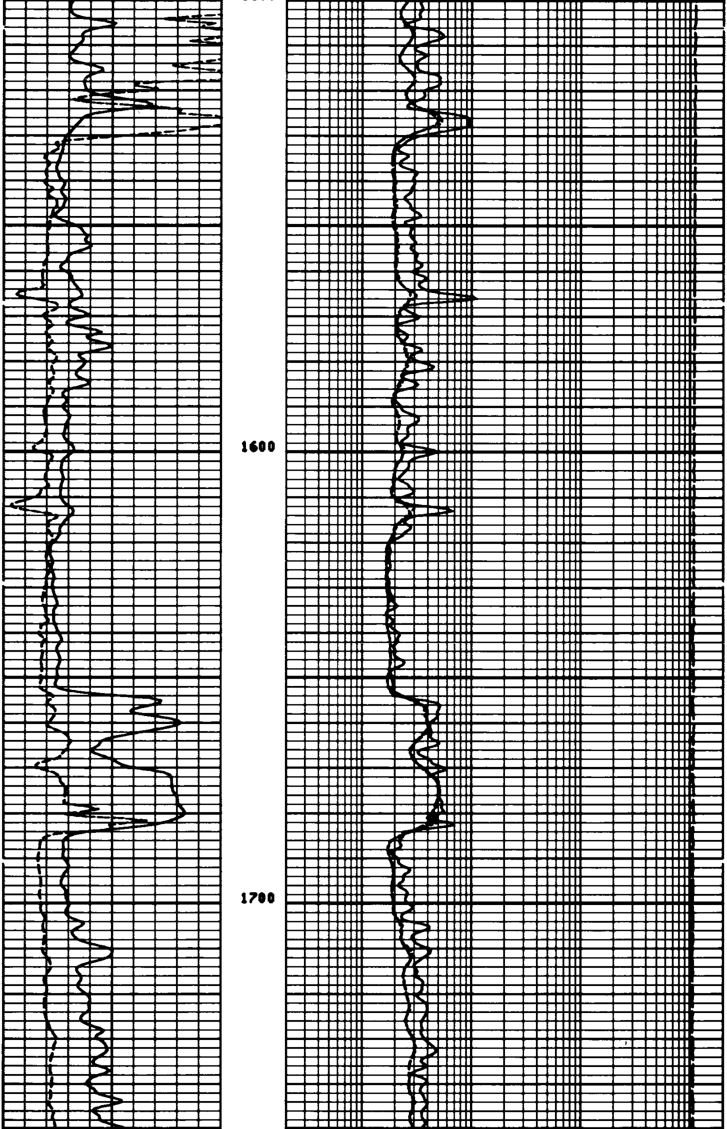


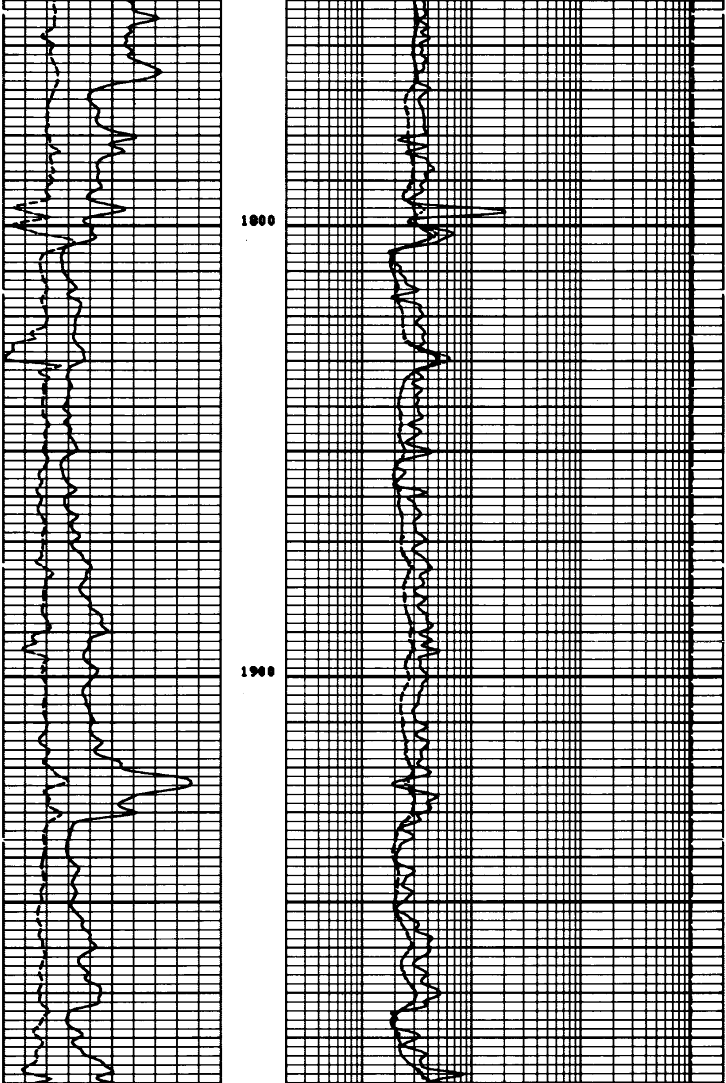


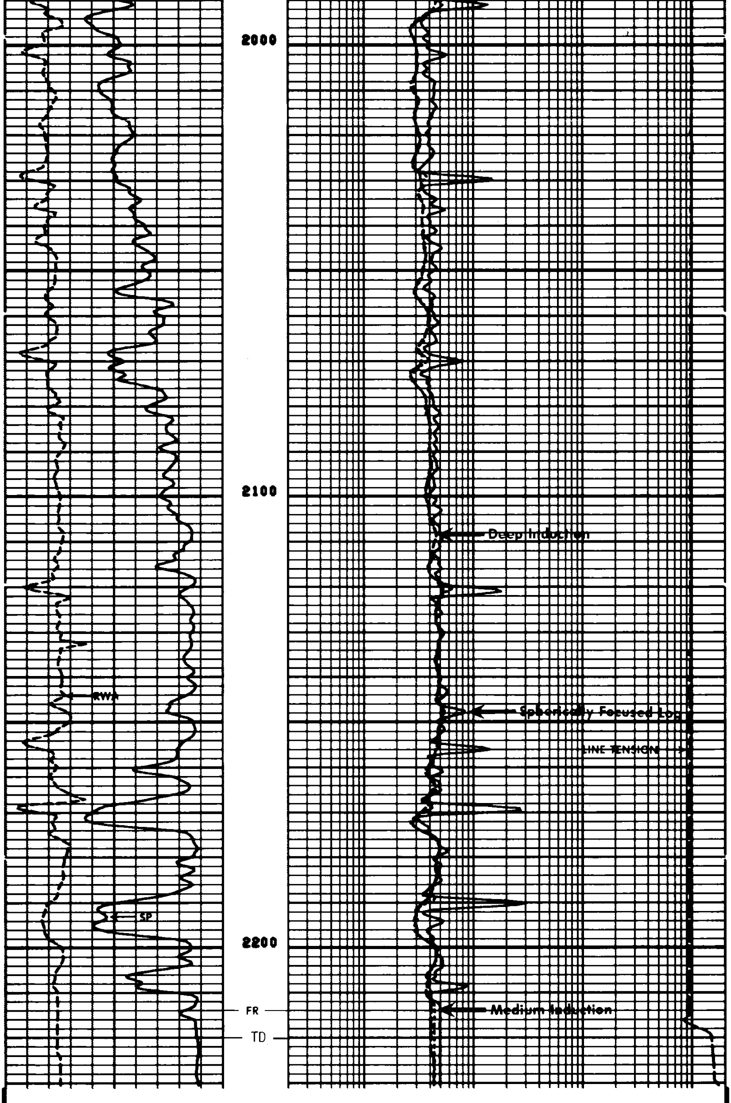












FILE 6 26-MAR-85 07:15

TENS(LB)
10000. 0.0

ILD (OHMM)
.20000 2000.0

RWA (OHMM)
0.0 3.0000

ILM (OHMM)
.20000 2000.0

SP (MV)
-100.0 0.0

SFLU(OHMM)
.20000 2000.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	43.9	FEET	AMPL	43.9	FEET
TT3	40.1	FEET	TT4	39.1	FEET
TT1	42.9	FEET	TT2	43.9	FEET
CALI	31.8	FEET	SRAT	41.4	FEET
SFL	6.4	FEET	ILD	9.4	FEET
SP	2.5	FEET	ILM	5.7	FEET
TENS	2.5	FEET	SPAR	2.5	FEET
NOIS	35.6	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
SBR	1.00000	OHMM	DSEC	5.70000	MMHO
FPHI	SPHI		MSEC	7.00000	MMHO
BS	7.87500	IN	BHS	OPEN	

TENS(LB)
10000. 0.0

ILD (OHMM)
.20000 2000.0

RWA (OHMM)
0.0 3.0000

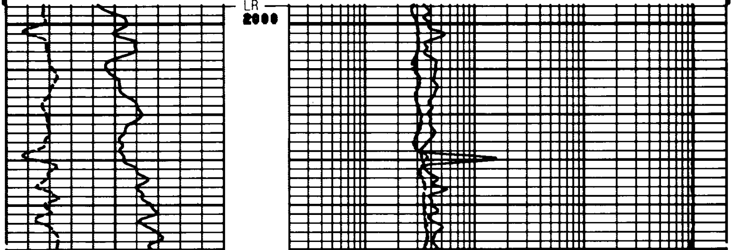
ILM (OHMM)
.20000 2000.0

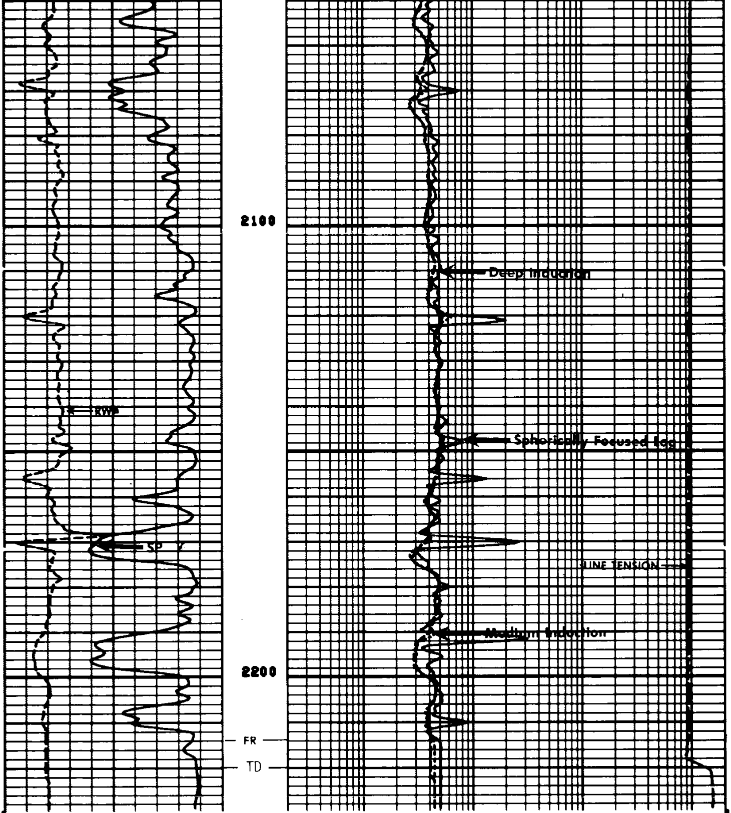
SP (MV)
-100.0 0.0

SFLU(OHMM)
.20000 2000.0

REPEAT SECTION

FILE 5 26-MAR-85 07:14





FILE 5 26-MAR-85 07:10

TENS(LB)
10000. 0.0

ILD (OHMM)
.20000 2000.0

RWA (OHMM)
0.0 3.0000

ILM (OHMM)
.20000 2000.0

SP (MV)
-100.0 0.0

SFLU(OHMM)
.20000 2000.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	43.9	FEET	AMPL	43.9	FEET
TT3	40.1	FEET	TT4	39.1	FEET
TT1	42.9	FEET	TT2	43.9	FEET
CALI	31.8	FEET	SRAT	41.4	FEET
SFL	6.4	FEET	ILD	9.4	FEET
SP	2.5	FEET	ILM	5.7	FEET
TENS	2.5	FEET	SPAR	2.5	FEET
NOIS	35.6	FEET			

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                                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                       DSEC 5.70000   MMHO
        FPHI SPHI                                 MSEC 7.00000   MMHO
        BS   7.87500   IN                         BHS  OPEN
```

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                 BEFORE SURVEY CALIBRATION SUMMARY


   PERFORMED:      85/03/26
   PROGRAM FILE: ISN     (VERSION    26.2    83/11/17)


 DITD                 ELECTRONICS CALIBRATION SUMMARY

                 MEASURED                        CALIBRATED
               ZERO    PLUS                    ZERO       PLUS          UNITS
    ILD         3.9    545.7                    0.0       496.3          MMHO
    ILM         3.8    527.2                    0.0       498.8          MMHO
    SFL          .5    537.0                    0.0       500.0          MMHO

 ILD  SONDE ERROR CORRECTION :          5.7 MMHO
 ILM  SONDE ERROR CORRECTION :          7.0 MMHO
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                 AFTER SURVEY TOOL CHECK SUMMARY


   PERFORMED:      85/03/26
   PROGRAM FILE: ISN     (VERSION    26.2    83/11/17)


 DITD                        TOOL   CHECK

                        ZERO                           PLUS
               BEFORE          AFTER           BEFORE      AFTER      UNITS
    ILD         0.0             -.1            496.3       490.1      MMHO
    ILM         0.0             -.0            498.8       493.0      MMHO
    SFL         0.0             -.0            500.0       497.2      MMHO

 ILD  SONDE ERROR CORRECTION :          5.7 MMHO
 ILM  SONDE ERROR CORRECTION :          7.0 MMHO

                       FILE    8       26-MAR-85 07:48
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                 SHOP SUMMARY


   PERFORMED:      85/03/02
   PROGRAM FILE: SHOP   (VERSION    24.2    83/03/29)


 DITD                ELECTRONICS CALIBRATION SUMMARY

                TEST LOOP CALIBRATION              TOOL CHECK
              MEASURED         CALIBRATED          CALIBRATED
            ZERO    PLUS     ZERO     PLUS     ZERO        PLUS    UNITS
    ILD     -5.2    553.6     0.0     500.0     0.0        496.5   MMHO
    ILM     -7.7    519.0     0.0     500.0     0.0        499.0   MMHO
 ILD  SONDE ERROR CORRECTION :          5.7 MMHO
 ILM  SONDE ERROR CORRECTION :          7.0 MMHO

                         (IS:691 , IC:658 )
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