CC 43-27-65

Schlumberger

DUAL INDUCTION SFL 5"

CSU

COMPANY: REICHHOLD ENERGY CORPORATION

WELL: COLUMBIA COUNTY #43-27

FIELD: MIST
COUNTY: COLUMBIA
STATE: OREGON

LOCATION: FR. E 1/4 COR. S1 00'31"W
477.87'-N89 59'29"W 740.96
SEC: 27 TWP: 6N RGE: 5W

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 898.5 F
LOG MEASURED FROM: KB
12.5 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 911.0 F
DF:
GL: 898.5 F

DATE: 19 AUG 84
RUN NO: 1

OTHER SERVICES-
FDC/CNL/GR
BHC
HDT

API SERIAL NO:
36009900127

PROGRAM
TAPE NO:
26.2
SERVICE
ORDER NO:
382957

DEPTH-DRILLER: 2441.0 F
DEPTH-LOGGER: 2439.0 F
BTM. LOG INTERVAL: 2433.0 F
TOP LOG INTERVAL: 398.0 F

CASING-DRILLER: 400 F
CASING-LOGGER: 398 F
CASING: 8.625

BIT SIZE: 7.875
DEPTH: 2441 F

RECEIVED
SEP 26 1986
DOGAMI
Portland

TYPE FLUID IN HOLE: LIGNOSULFONATE
DENSITY: 11.0 LB/G
VISCOSITY: 53.0 S
PH: 9.0
FLUID LOSS: 4.6 C3
SOURCE OF SAMPLE: CIRC.
RM: 1.350 OHMM AT 81.0 DEGF
RMF: .860 OHMM AT
RMC: 2.000 OHMM AT 72.0 DEGF
SOURCE RMF/RMC: MEAS. /MEAS.
RM AT BHT: 1.176 OHMM AT 94.0 DEGF
RMF AT BHT: .059 OHMM AT 94.0 DEGF
RMC AT BHT: 1.564 OHMM AT 94.0 DEGF

TIME CIRC. STOPPED: 0230
TIME LOGGER ON BTM.: 0626

MAX. REC. TEMP: 94.0 DEGF

LOGGING UNIT NO: 8128
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: ANDERSEN
WITNESSED BY: ALGER

REMARKS:

EQUIPMENT NUMBERS-

IEM 304	SLM 138	IS 691	IC 658
MCD 1287	SLS 252	SLC 1468	

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 9 19-AUG-84 07:34
DATA ACQUIRED 19-AUG-84 07:13

TENS(LB)
10000. 0.0

ILD (OHMM)
.20000 2000.0

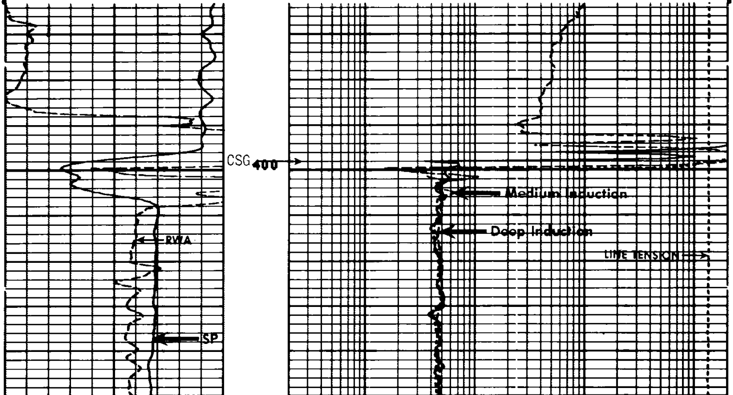
RWA (OHMM)
0.0 3.0000

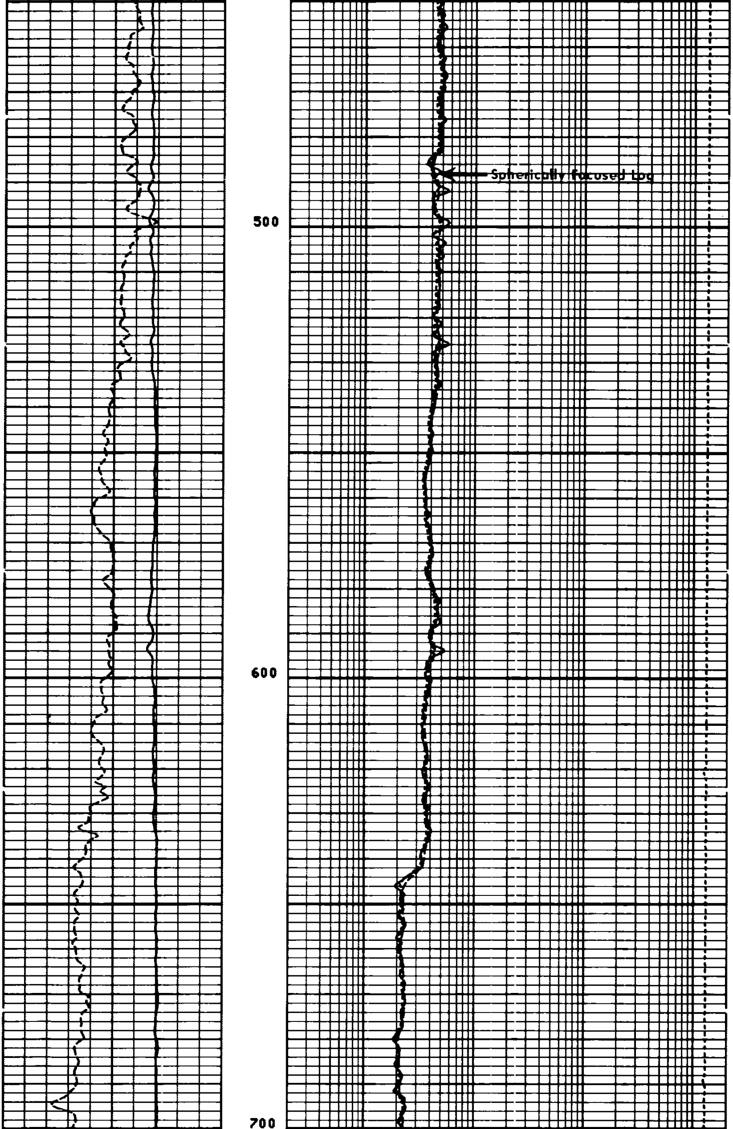
ILM (OHMM)
.20000 2000.0

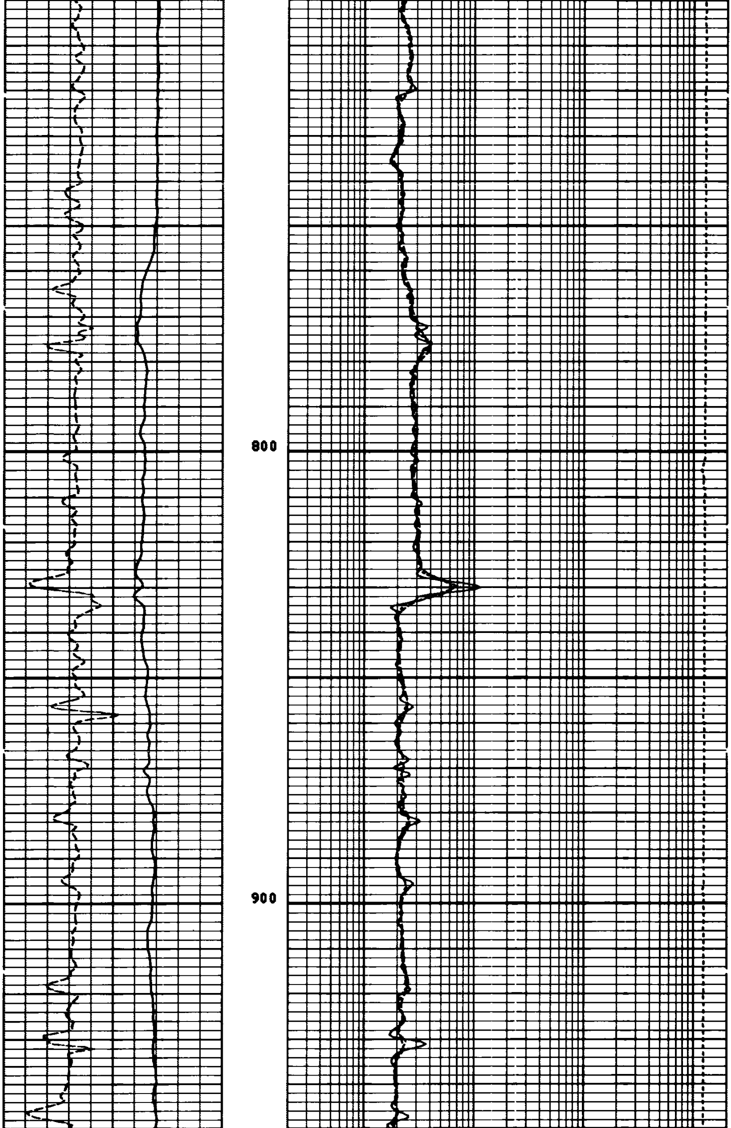
SP (MV)
-100.0 0.0

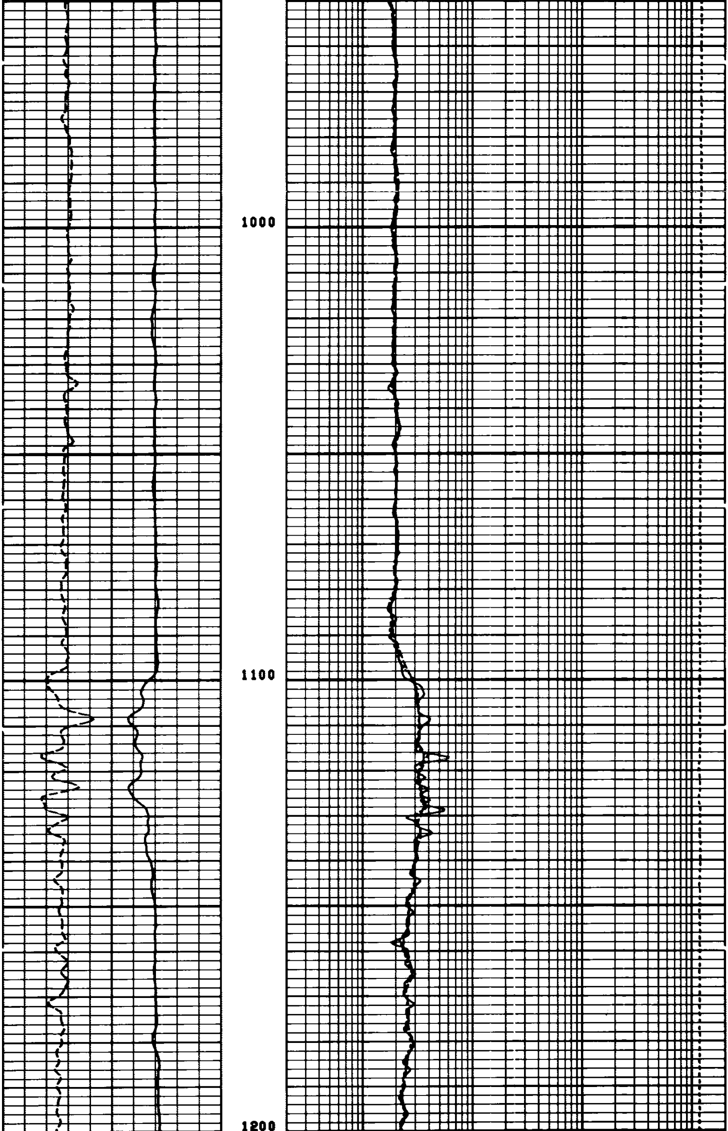
SFLU(OHMM)
.20000 2000.0

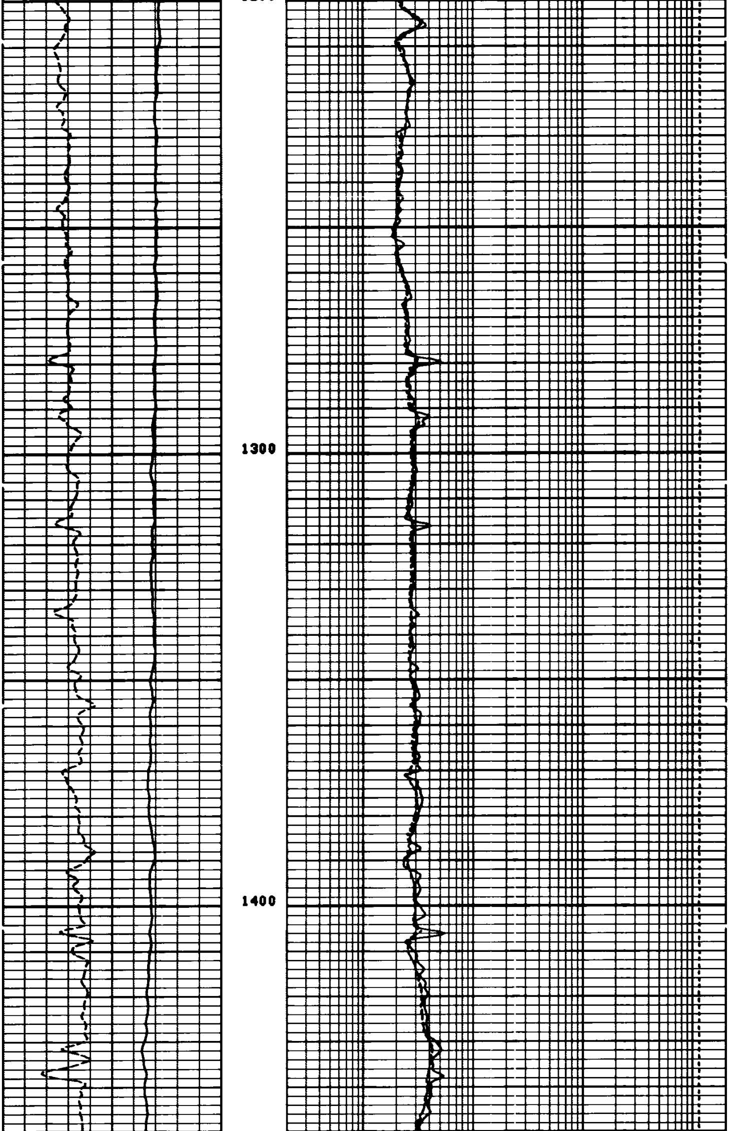
FILE 9 19-AUG-84 07:13

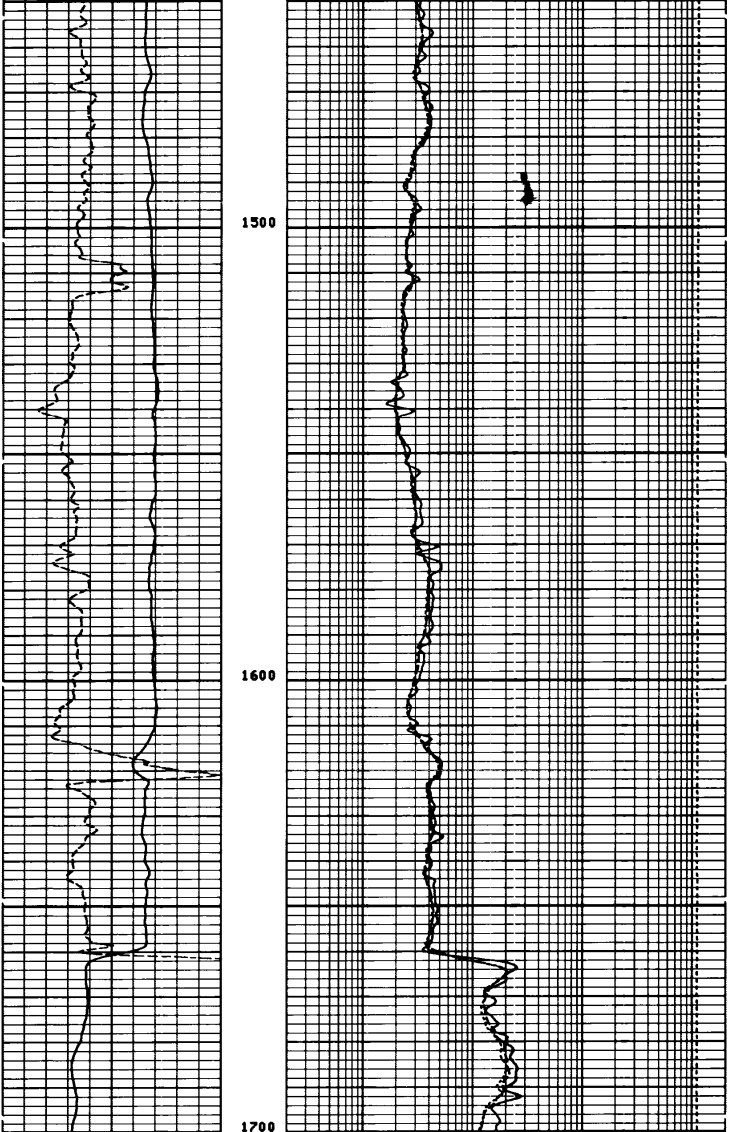


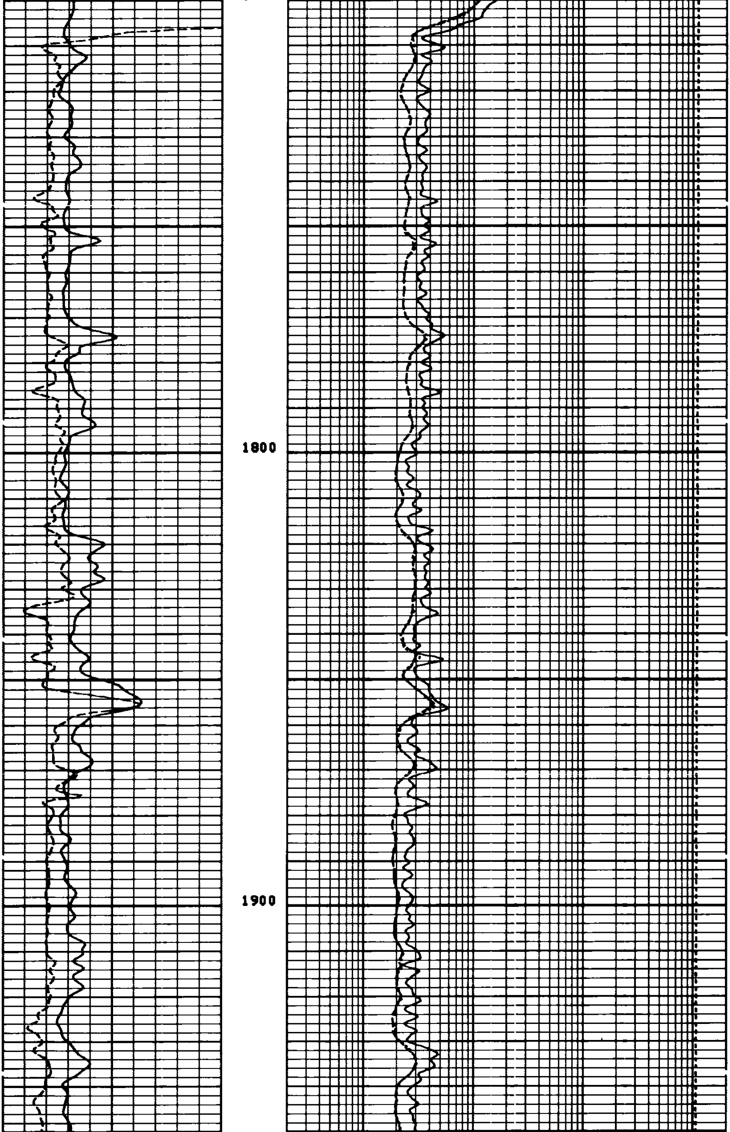


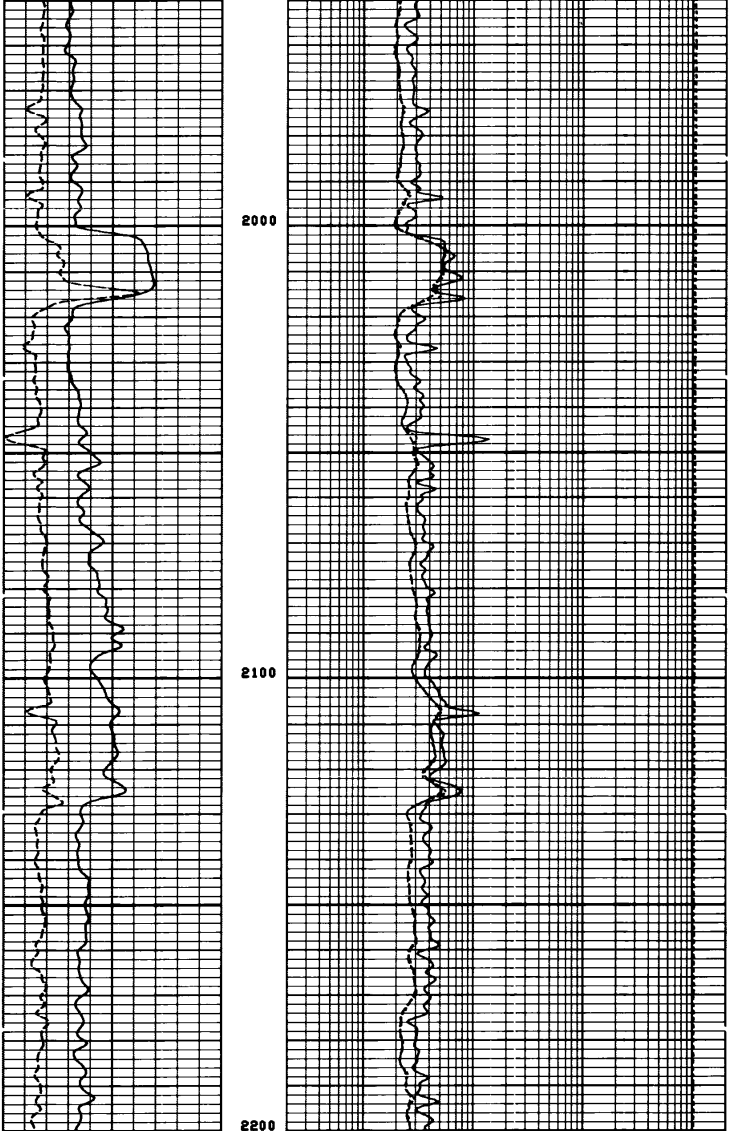


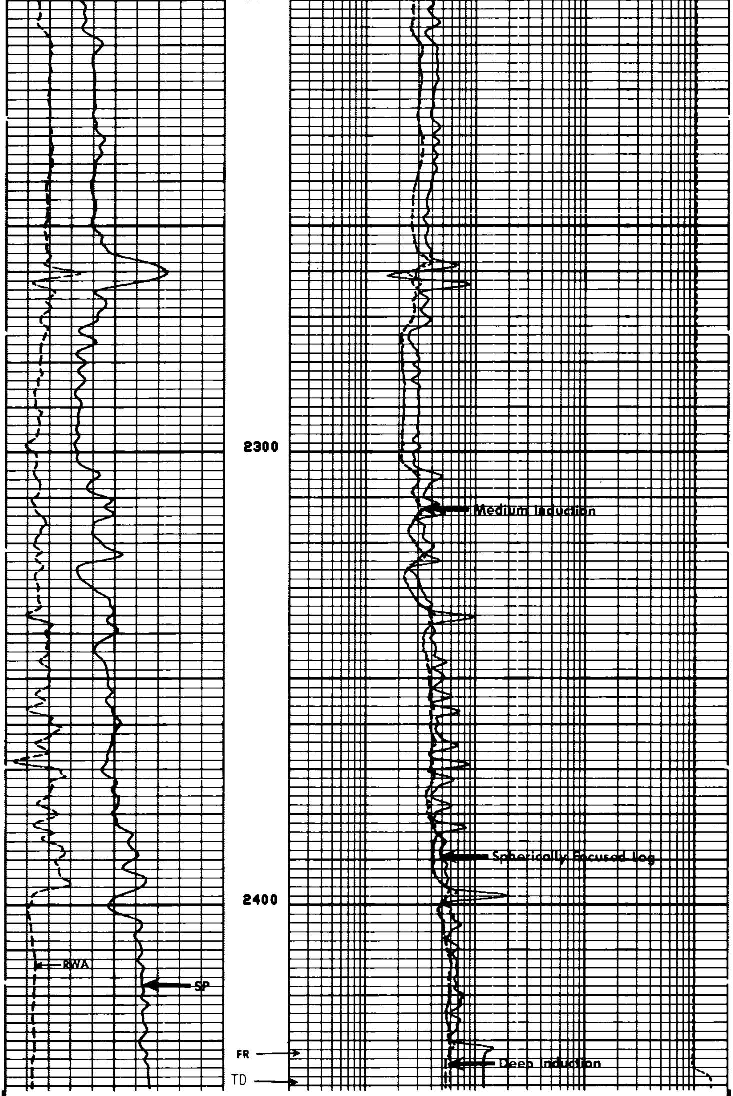












FILE 9 19-AUG-84 06:29

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
NDIS	35.6	FEET			

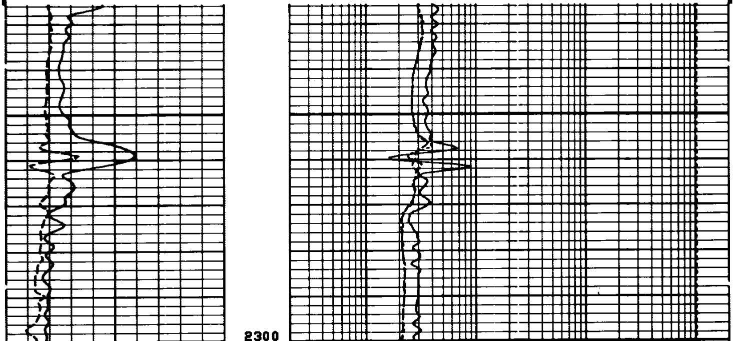
PARAMETERS

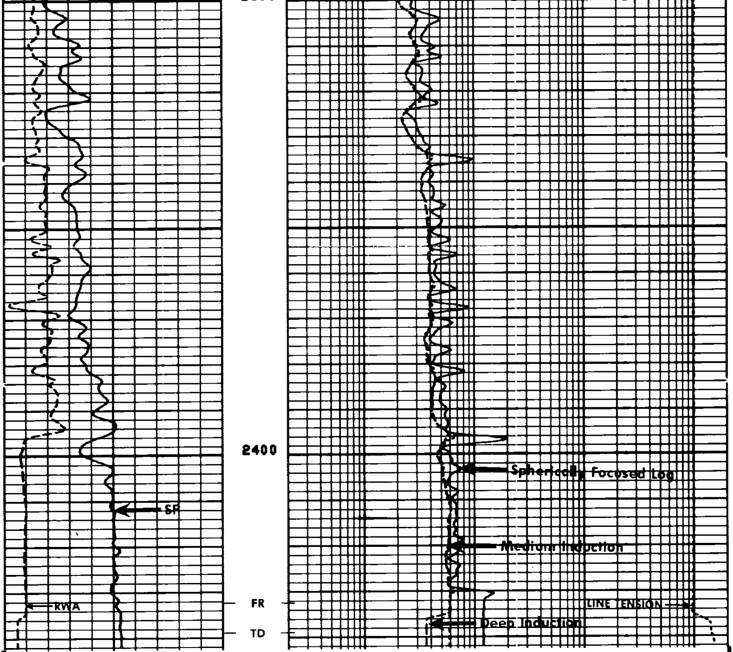
NAME	VALUE	UNIT	NAME	VALUE	UNIT
WSV1	WF1		DWS	16	
DSIN	5	US	DDEL	200	US
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	DSEC	5.20000	MMHO
FPHI	SPHI		MSEC	6.40000	MMHO
BS	7.87500	IN	BHS	OPEN	

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 8 19-AUG-84 06:26





FILE 8 19-AUG-84 06:20

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 5.20000    MMHO
        FPHI SPHI                               MSEC 6.40000    MMHO
        BS   7.87500   IN                       BHS  OPEN
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                    AFTER SURVEY TOOL CHECK SUMMARY


   PERFORMED:      84/08/19
   PROGRAM FILE: ISN     (VERSION    26.2    83/11/17)


 DITD                    TOOL  CHECK

                  ZERO                       PLUS
            BEFORE        AFTER        BEFORE      AFTER      UNITS
    ILD       0.0           .0         495.2       493.6      MMHO
    ILM       0.0           .0         503.9       502.8      MMHO
    SFL       0.0          -.0         500.0       499.0      MMHO

 ILD  SONDE ERROR CORRECTION :          5.2 MMHO
 ILM  SONDE ERROR CORRECTION :          6.4 MMHO

                       FILE   11       19-AUG-84 07:16
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                    BEFORE SURVEY CALIBRATION SUMMARY


   PERFORMED:      84/08/19
   PROGRAM FILE: ISN     (VERSION    26.2    83/11/17)


 DITD                ELECTRONICS CALIBRATION SUMMARY

                MEASURED                    CALIBRATED
              ZERO    PLUS               ZERO      PLUS          UNITS
    ILD        1.9    551.8               0.0      495.2          MMHO
    ILM         .3    528.0               0.0      503.9          MMHO
    SFL         .3    526.5               0.0      500.0          MMHO

 ILD  SONDE ERROR CORRECTION :          5.2 MMHO
 ILM  SONDE ERROR CORRECTION :          6.4 MMHO


 MCDB                CALIPER CALIBRATION SUMMARY

                MEASURED                    CALIBRATED
              SMALL   LARGE              SMALL     LARGE         UNITS
    CALI       7.0    10.9                6.6      12.6           IN

                       FILE    7       19-AUG-84 06:03
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                  SHOP SUMMARY


   PERFORMED:      84/08/02
   PROGRAM FILE: SHOP   (VERSION    26.2    83/11/17)


 DITD                ELECTRONICS CALIBRATION SUMMARY

                  TEST LOOP CALIBRATION               TOOL CHECK
               MEASURED          CALIBRATED           CALIBRATED
             ZERO    PLUS       ZERO      PLUS       ZERO      PLUS    UNITS
    ILD      -3.4    547.8       0.0      500.0       0.0      495.5   MMHO
    ILM      -8.1    514.3       0.0      500.0       0.0      503.7   MMHO
 ILD  SONDE ERROR CORRECTION :          5.2 MMHO
 ILM  SONDE ERROR CORRECTION :          6.4 MMHO

                          (IS:691 , IC:658 )
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-END-