Schlumberger

DUAL INDUCTION SFL 5"

CSU

COMPANY: REICHHOLD ENERGY CORPORATION

WELL: "ADAMS" #32-34 REDRILL #1

FIELD: MIST
COUNTY: COLUMBIA
STATE: OREGON

LOCATION: 1550'S & 26' E FROM
N 1/4 CORNER OF ...
SEC: 34 TWP: 7N RGE: 5W

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 1525.0 F
LOG MEASURED FROM: KB
11.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 1536.0 F
DF:
GL: 1525.0 F

DATE: 12 SEP 84
RUN NO: 1

DEPTH-DRILLER: 3100.0 F
DEPTH-LOGGER: 3076.0 F
BTM. LOG INTERVAL: 3070.0 F
TOP LOG INTERVAL: 463.0 F

CASING-DRILLER: 412 F
CASING-LOGGER: 412 F
CASING: 8 5/8

BIT SIZE: 7 7/8

OTHER SERVICES-
BHC
FDC/CNL/GR
HDT

PROGRAM
TAPE NO:
26.2
SERVICE
ORDER NO:
410787

TYPE FLUID IN HOLE:	GEL/LIGNO
DENSITY:	9.3 LB/G
VISCOSITY:	49.0 S
PH:	8.5
FLUID LOSS:	5.4 C3
SOURCE OF SAMPLE:	CIRC.
RM:	3.580 OHMM AT 68.0 DEGF
RMF:	2.750 OHMM AT 60.0 DEGF
RMC:	2.920 OHMM AT 60.0 DEGF
SOURCE RMF/RMC:	MEASURED/MEASURED
RM AT BHT:	3.086 OHMM AT 80.0 DEGF
RMF AT BHT:	2.117 OHMM AT 80.0 DEGF
RMC AT BHT:	2.248 OHMM AT 80.0 DEGF
TIME CIRC. STOPPED:	0700
TIME LOGGER ON BTM.:	0925
MAX. REC. TEMP:	80.0 DEGF
LOGGING UNIT NO:	8126
LOGGING UNIT LOC:	SACRAMENTO
RECORDED BY:	ANDERSEN
WITNESSED BY:	THOMAS / MYERS

REMARKS:

EQUIPMENT NUMBERS-

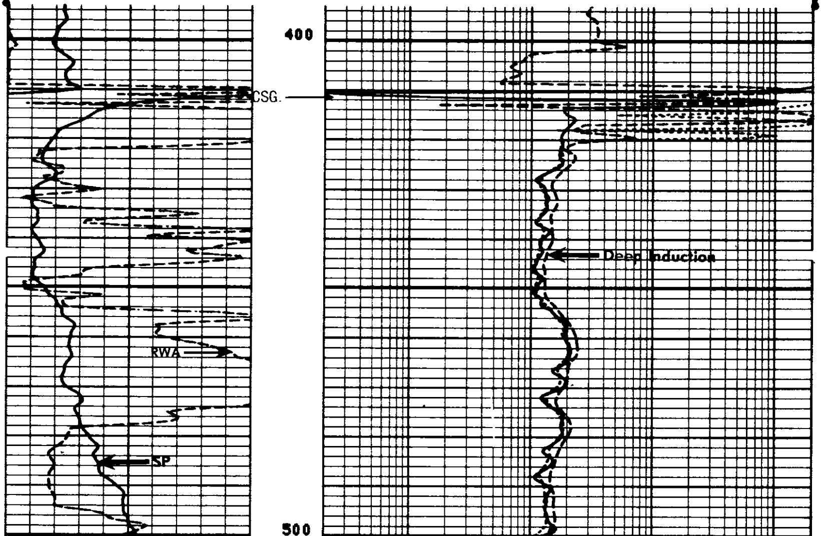
IEM 232 DIS 1425 DIC 1386

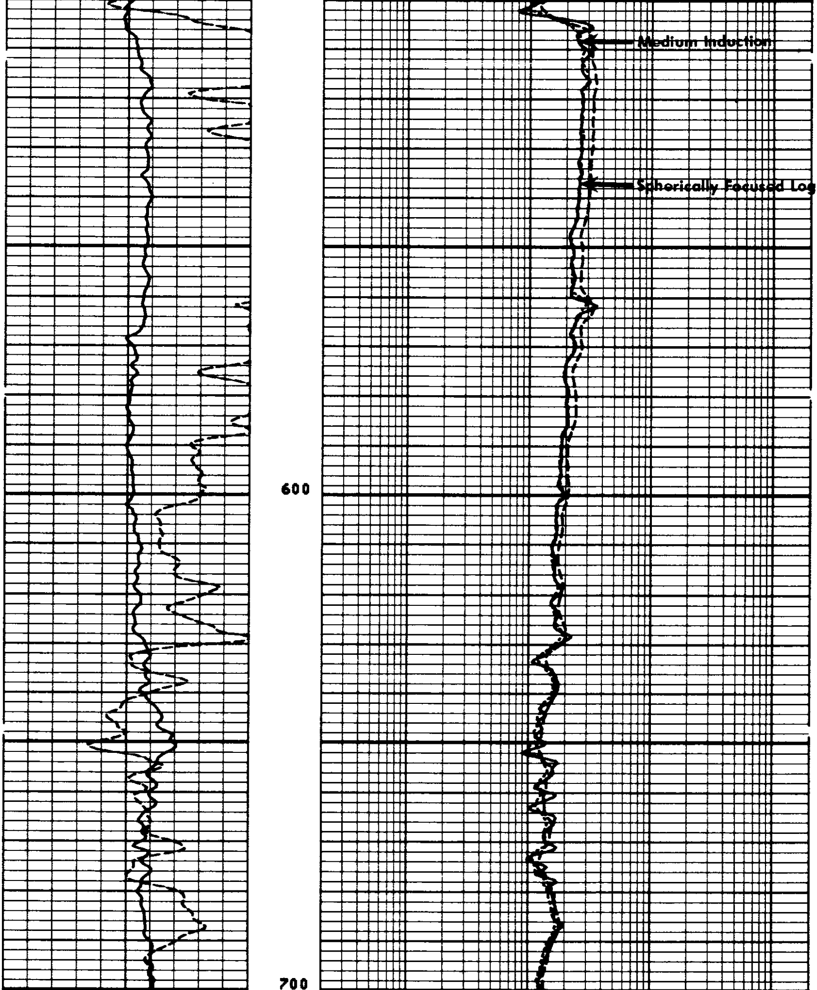
ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS,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

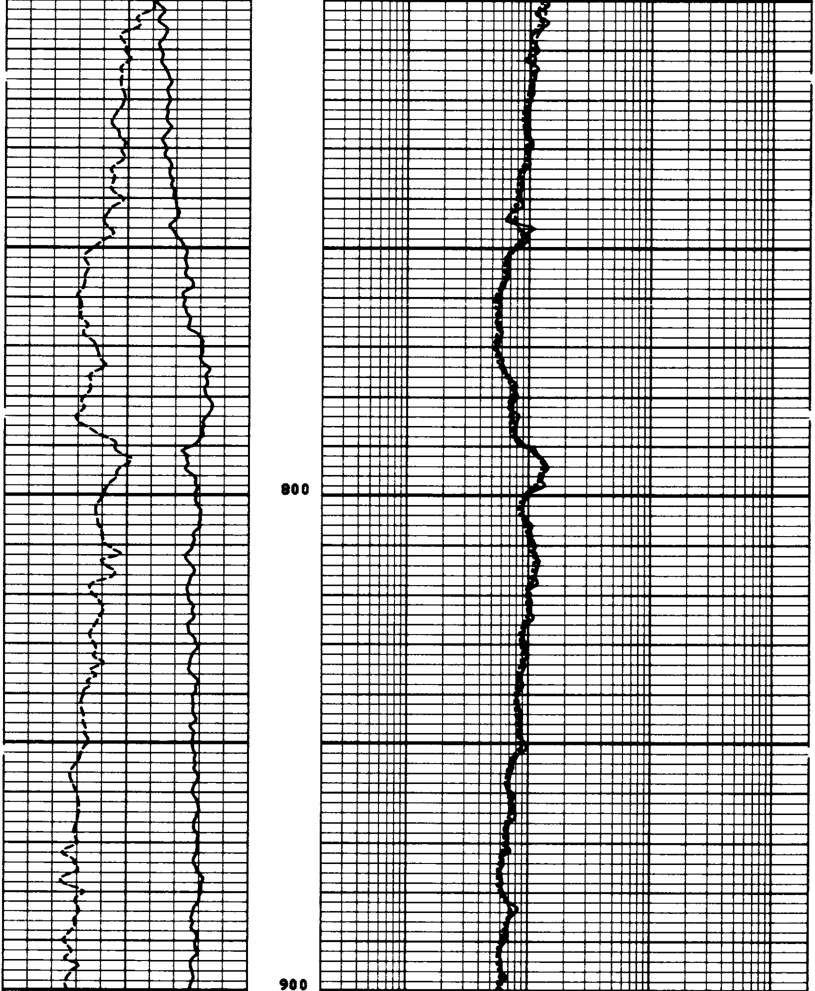
FILE 0 12-SEP-84 11:07
DATA ACQUIRED 00- -00 00:00

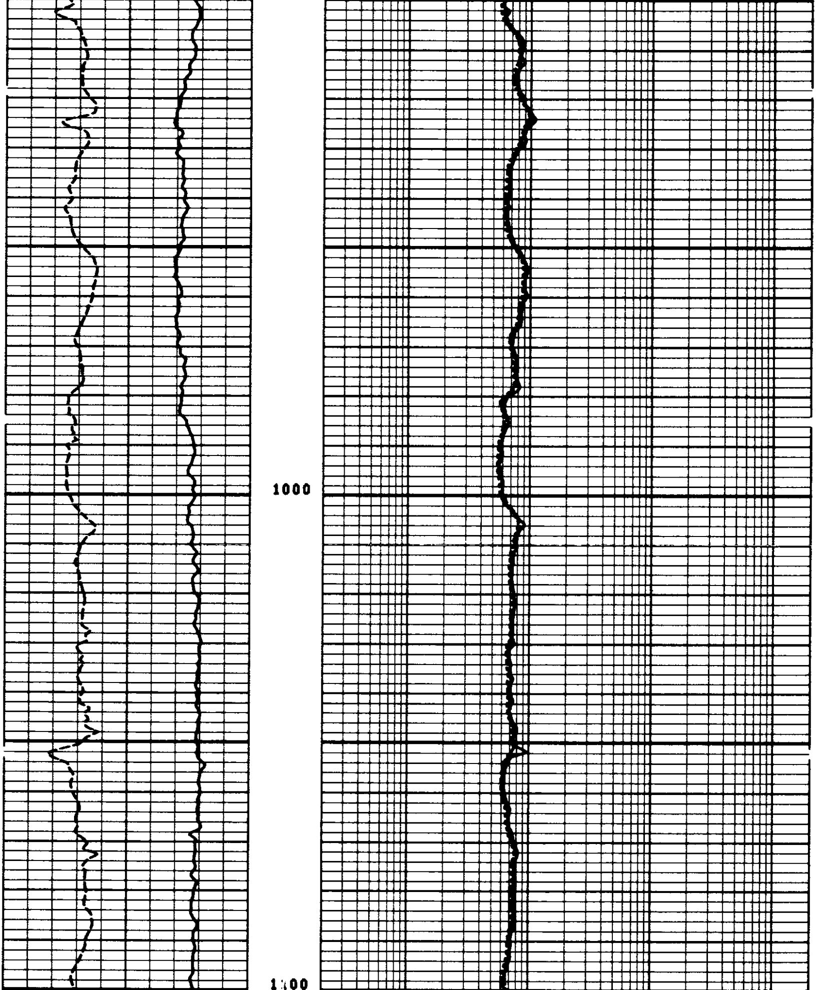
RWA (OHMM) 0.0 10.000		ILD (OHMM) .20000 2000.0
SP (MV) -100.0 0.0		ILM (OHMM) .20000 2000.0
		SFLU(OHMM) .20000 2000.0
0.0 RWA 10.000 0.0 1975 3.0000	SCALE CHANGES	

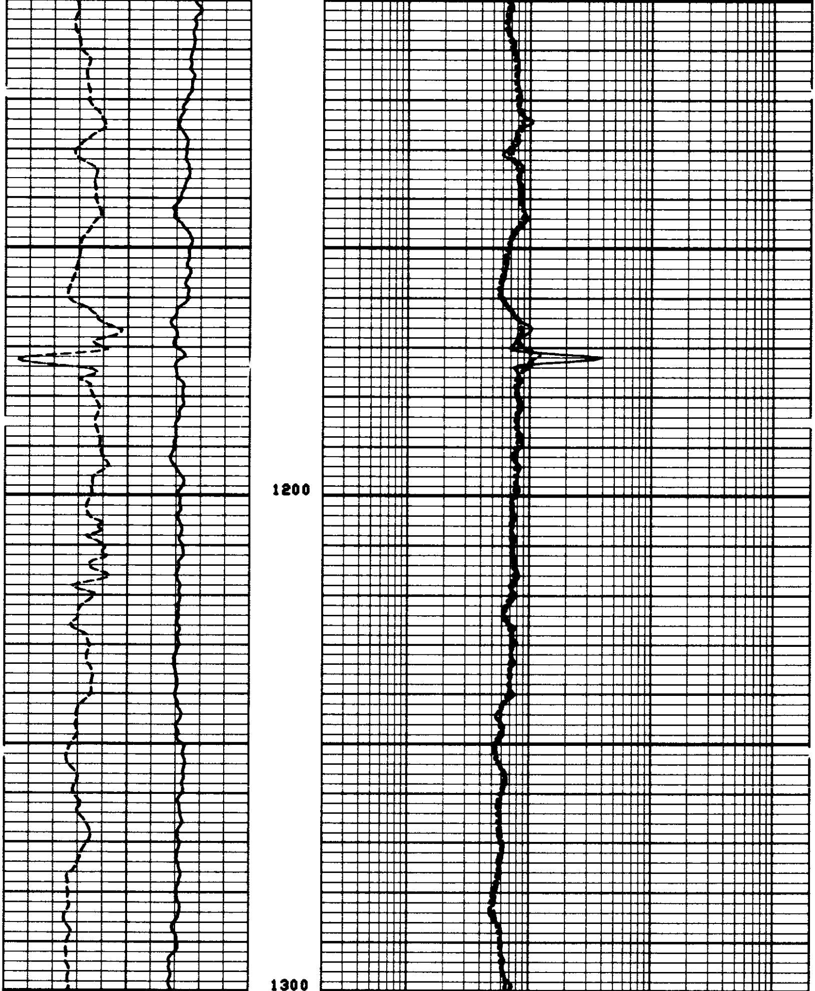
FILE 28 12-SEP-84 15:37
DATA ACQUIRED 12-SEP-84 14:45

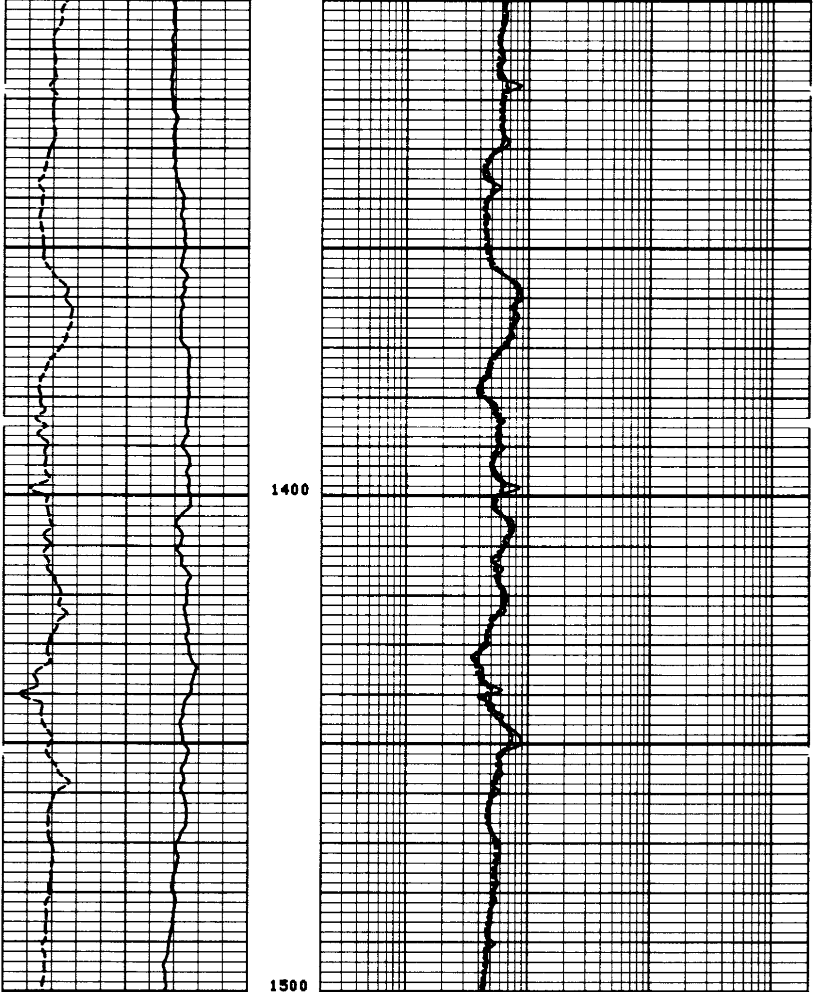


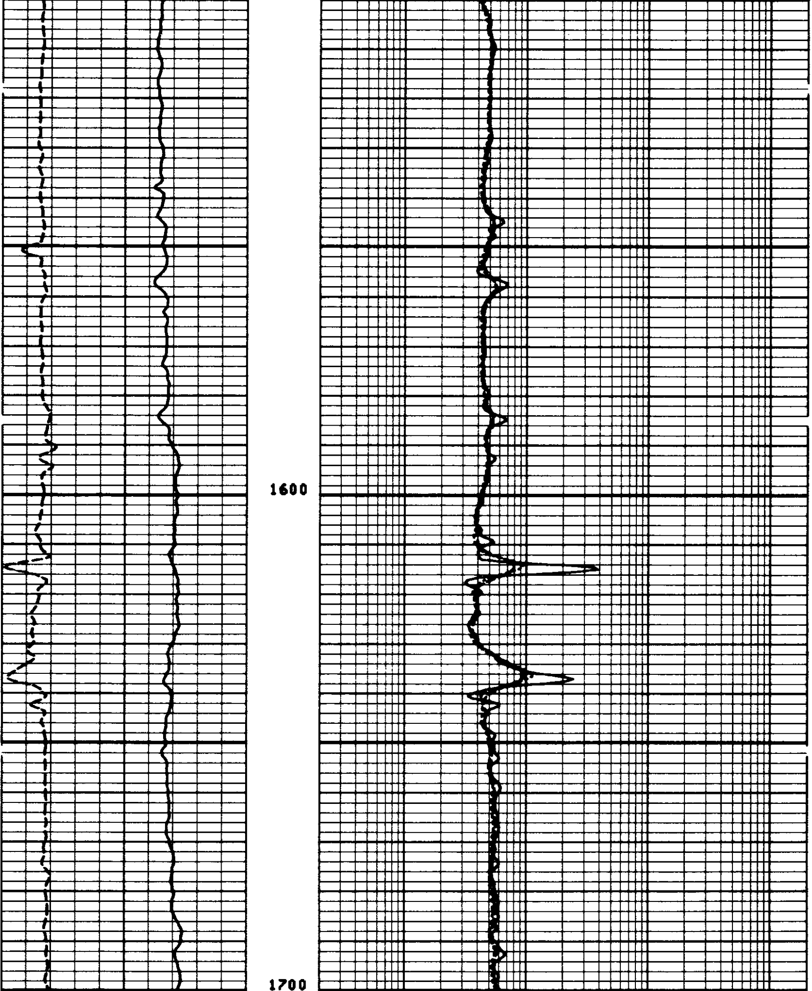


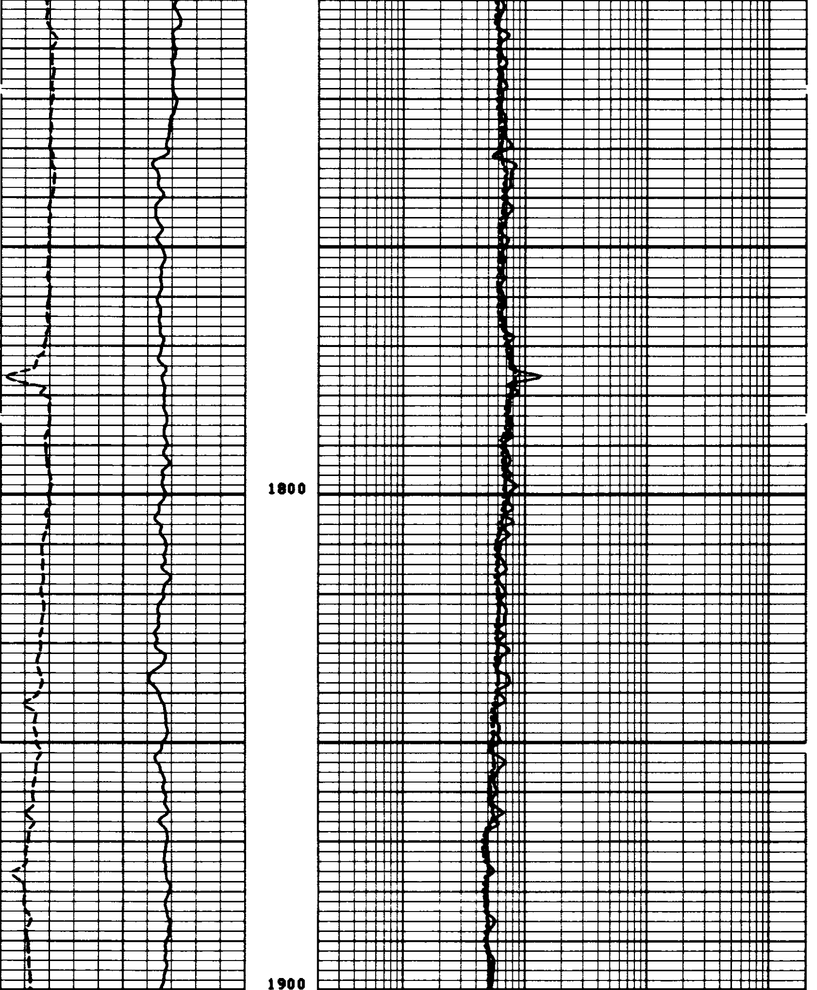


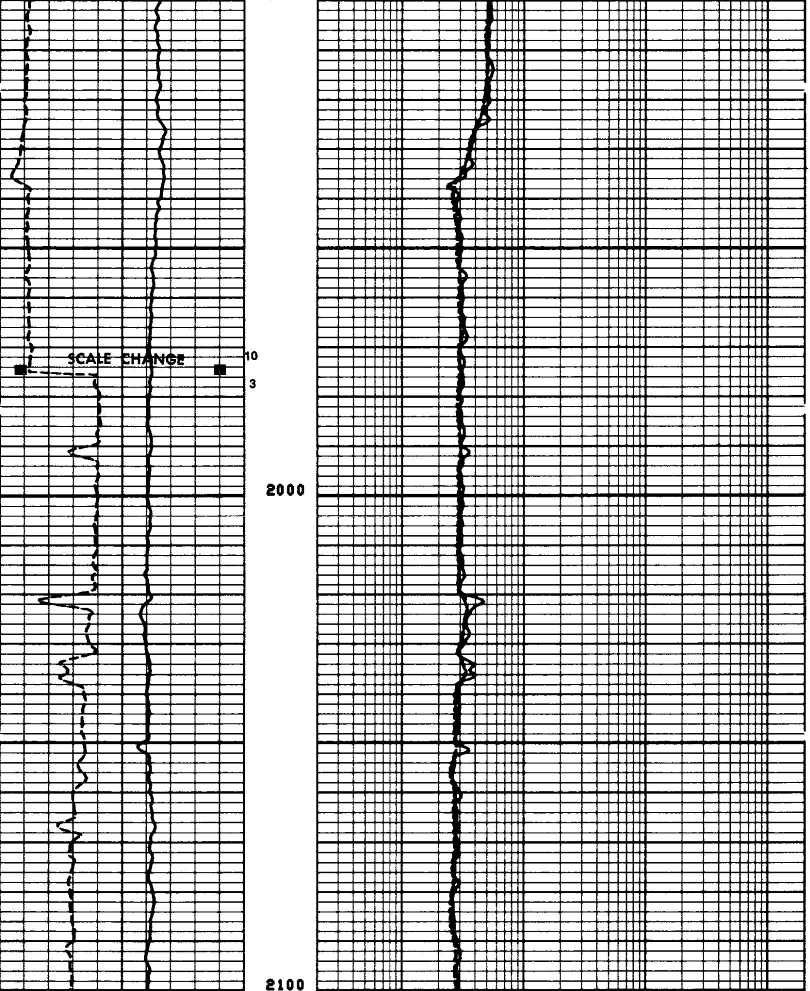


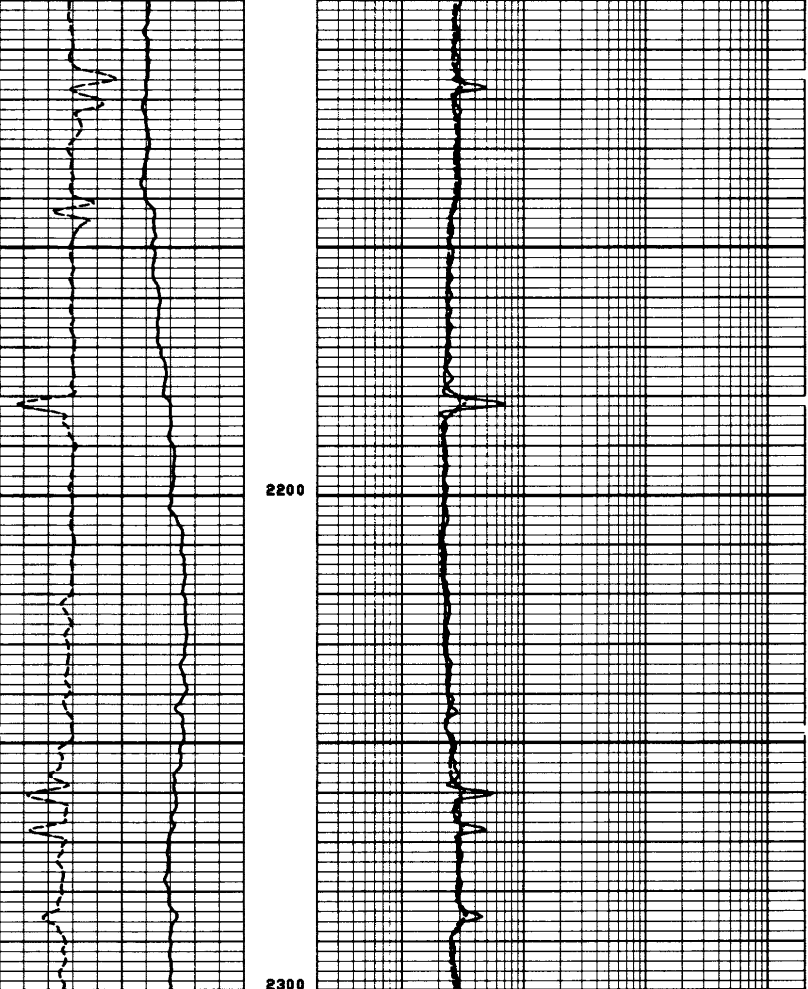


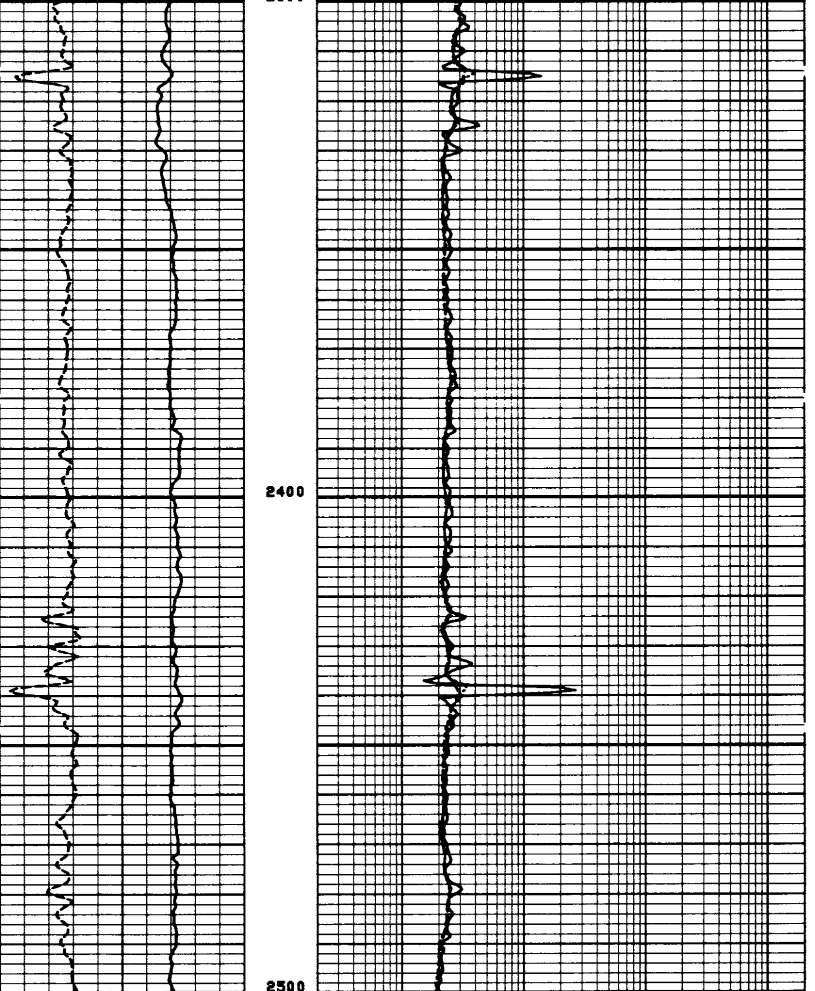


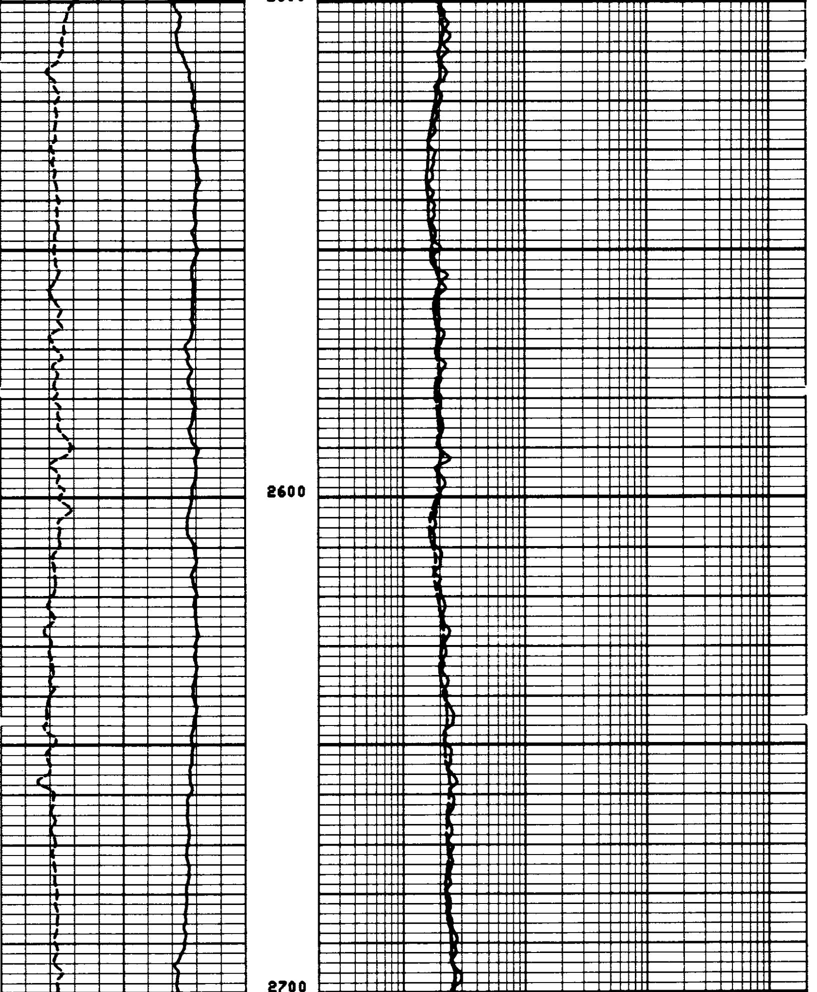


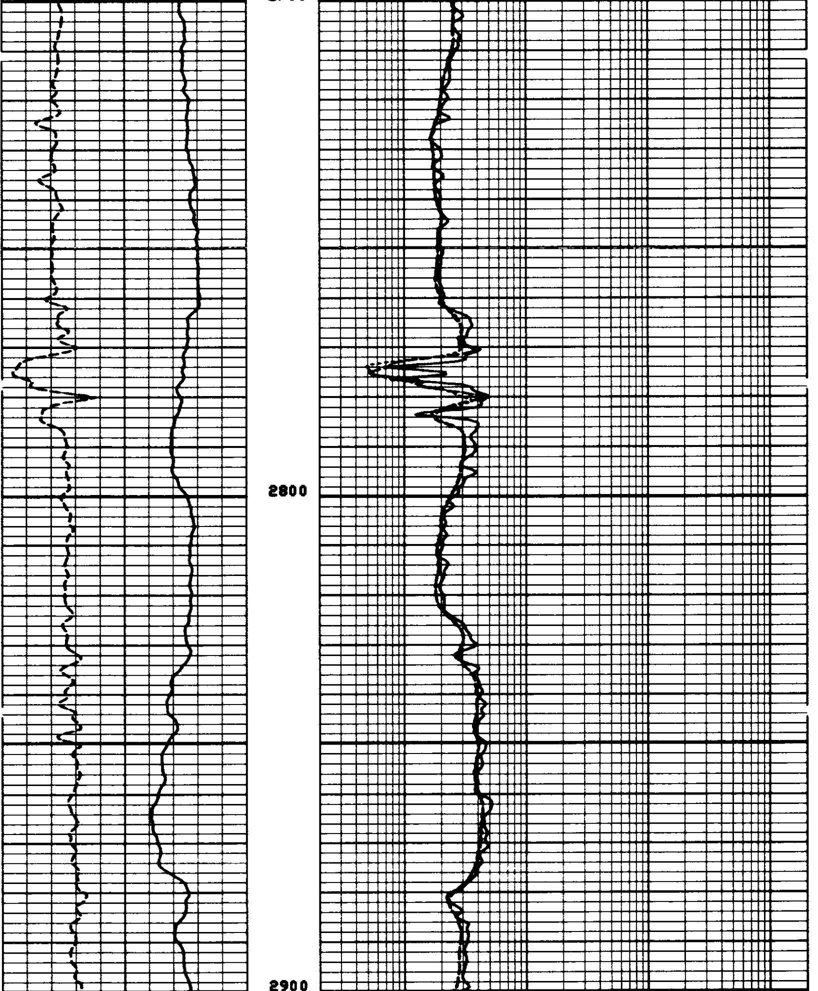


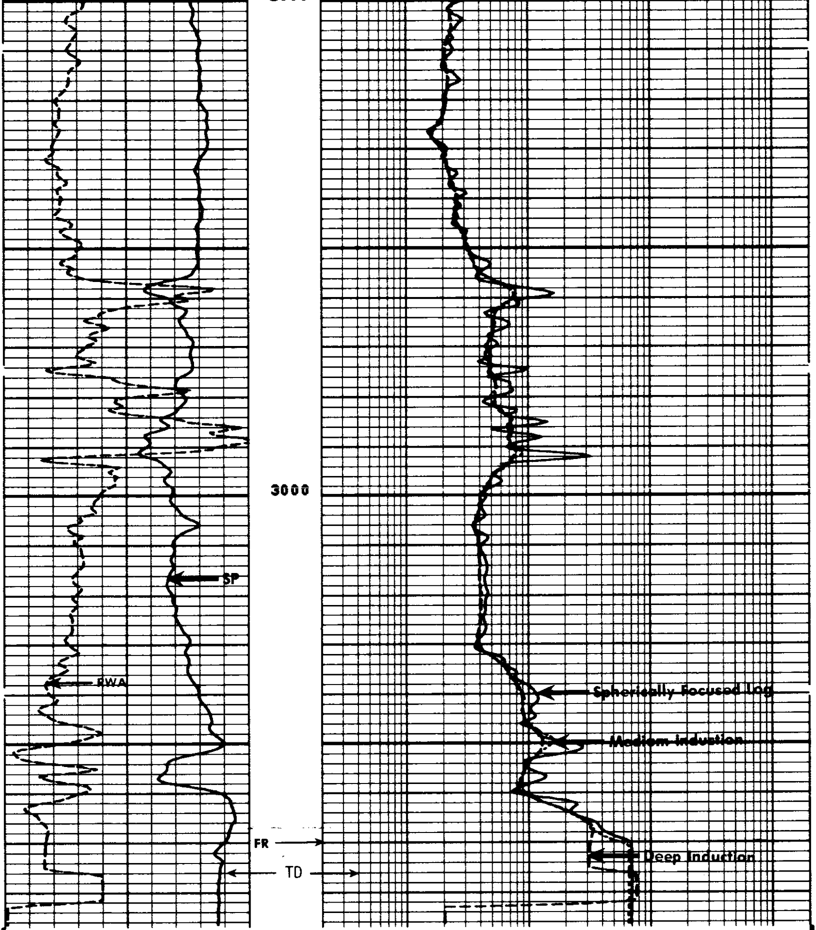












FILE 102 12-SEP-84 15:31
DATA ACQUIRED 12-SEP-84 09:25

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

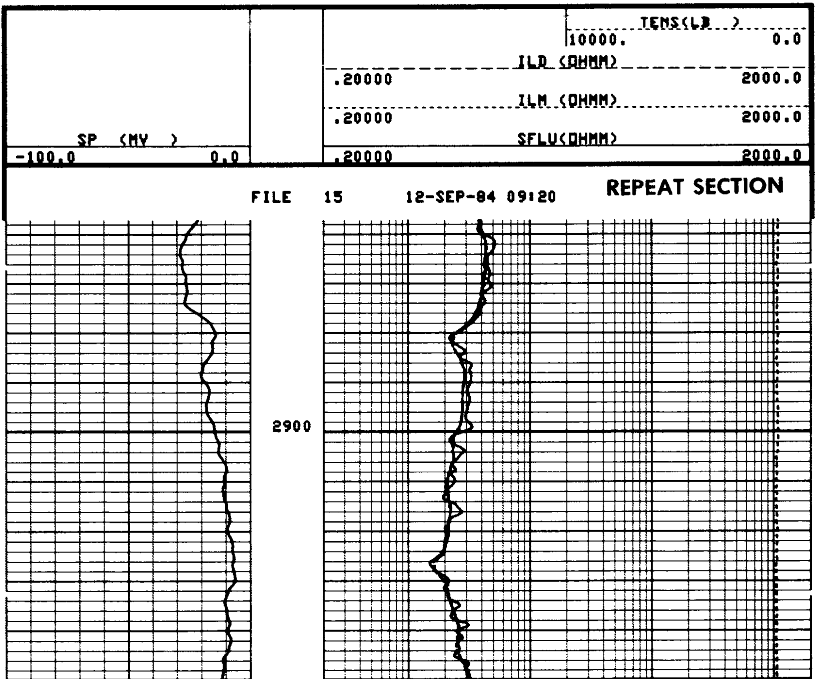
SENSOR MEASURE POINT TO TOOL ZERO

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

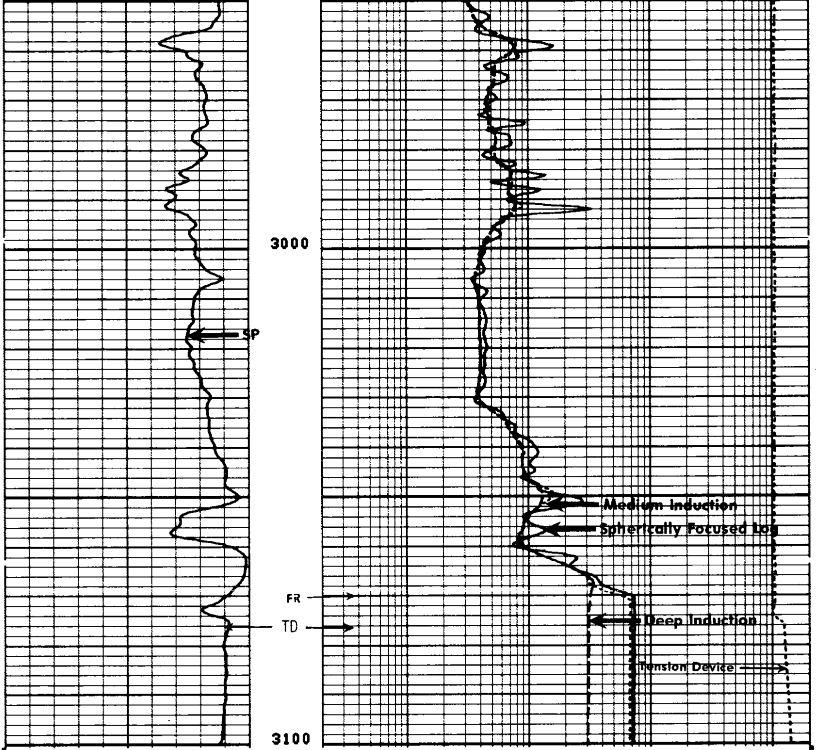
NAME	VALUE	UNIT	NAME	VALUE	UNIT
WSV1	WF1		DWS	16	
DSIN	5	US	DDEL	200	US
CDTS	120.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	DSEC	3.50000	MMHO
FPHI	SPHI		MSEC	7.10000	MMHO
FNUM	.620000		FEXP	2.15000	
BS	7.87500	IN	BHS	OPEN	
DO	0.0	F	DO2	0.0	F
PP	NORM		SPDR	-.010000	

TAPE NOT MADE



FILE 15 12-SEP-84 09:20

REPEAT SECTION



FILE 15 12-SEP-84 09:16 **REPEAT SECTION**

TENS(LB)
10000. 0.0

ILD (OHMM)
.20000 2000.0

ILM (OHMM)
.20000 2000.0

SP (MV)
-100.0 0.0

SFLU(OHMM)
.20000 2000.0

SENSOR MEASURE POINT TO TOOL ZERO

SFL	6.4	FEET	ILD	9.4	FEET
SP	2.5	FEET	ILM	5.7	FEET
TENS	2.5	FEET	SPAR	2.5	FEET

PARAMETERS

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     NAME  VALUE     UNIT                         NAME  VALUE     UNIT

     SBR  1.00000   OHMM                          DSEC 3.50000    MMHO
     BHS  OPEN                                    MSEC 7.10000    MMHO
     SPDR .0100000                                BS   7.87500    IN
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               BEFORE SURVEY CALIBRATION SUMMARY


  PERFORMED:      84/09/12
  PROGRAM FILE: ISN    (VERSION    26.2    83/11/17)


DITD                ELECTRONICS CALIBRATION SUMMARY

              MEASURED                      CALIBRATED
          ZERO     PLUS                  ZERO      PLUS         UNITS
   ILD     .2     541.7                   0.0     498.8          MMHO
   ILM     .1     532.0                   0.0     499.7          MMHO
   SFL     .0     534.0                   0.0     500.0          MMHO

ILD  SONDE ERROR CORRECTION :         3.5 MMHO
ILM  SONDE ERROR CORRECTION :         7.1 MMHO

                    FILE    0      12-SEP-84 09:11
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               AFTER SURVEY TOOL CHECK SUMMARY


  PERFORMED:      84/09/12
  PROGRAM FILE: ISN    (VERSION    26.2    83/11/17)


DITD                         TOOL  CHECK

                  ZERO                          PLUS
          BEFORE         AFTER           BEFORE      AFTER      UNITS
   ILD     0.0            -.0            498.8       496.1      MMHO
   ILM     0.0            -.0            499.7       497.3      MMHO
   SFL     0.0             .0            500.0       493.4      MMHO

ILD  SONDE ERROR CORRECTION :         3.5 MMHO
ILM  SONDE ERROR CORRECTION :         7.1 MMHO

                    FILE   19      12-SEP-84 10:08
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               SHOP SUMMARY


  PERFORMED:      84/08/24
  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    -2.5     537.4      0.0       500.0       0.0       498.7   MMHO
   ILM    -7.8     522.1      0.0       500.0       0.0       499.5   MMHO
ILD  SONDE ERROR CORRECTION :         3.5 MMHO
ILM  SONDE ERROR CORRECTION :         7.1 MMHO

                      (IS:1425, IC:1386)
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