CC 43-05-65

Schlumberger

DUAL INDUCTION SFL — 5"

CSU

RECEIVED
JUL 2 1982
DEPT OF GEOLOGY

COMPANY:	REICHHOLD ENERGY
WELL:	COLUMBIA COUNTY 45-3
FIELD:	MIST
COUNTY:	COLUMBIA
STATE:	OREGON
NATION:	USA
LOCATION:	1366'N & 303'E OF SE CORNER
SEC:	5
TWP:	6N
RGE:	5W

PERMANENT DATUM:	GL
ELEV. OF PERM. DATUM:	615.4'
LOG MEASURED FROM:	KB
	11.4' ABOVE PERM. DATUM
DRLG. MEASURED FROM:	KB

ELEVATIONS-
KB: 626.8'
DF:
GL: 615.4'

OTHER SERVICES-
HDT
CIS

PROGRAM TAPE NO:
20.2
SERVICE ORDER NO:
205815

DATE:	15 JUN 1982
RUN NO:	1

DEPTH-DRILLER:	3099.0'
DEPTH-LOGGER:	3100.0'
BTM. LOG INTERVAL:	3094.0'
TOP LOG INTERVAL:	594.0'
CASING-DRILLER:	620'
CASING-LOGGER:	594'
CASING:	7
WEIGHT:	20.00 LB/F
BIT SIZE:	6.25
DEPTH:	3099'

TYPE FLUID IN HOLE:	LIGNO
DENSITY:	10.3 LB/G
VISCOSITY:	42.0 S
PH:	8.5
FLUID LOSS:	4.7 C3
SOURCE OF SAMPLE:	CIRC
RM:	1.190 OHMM AT 82.0 DF
RMF:	1.210 OHMM AT 59.0 DF
RMC:	2.000 OHMM AT 62.0 DF
SOURCE RMF/RMC:	MEAS/MEAS
RM AT BHT:	0.937 OHM AT 106. DF
RMF AT BHT:	0.706 OHM AT 106. DF
RMC AT BHT:	1.221 OHM AT 106. DF
TIME CIRC. STOPPED:	0800
TIME LOGGER ON BTM.:	1030
MAX. REC. TEMP:	106.0 DF
LOGGING UNIT NO:	8128
LOGGING UNIT LOC:	SACRAMENTO
RECORDED BY:	ANDERSEN

WITNESSED BY: ALGER

REMARKS:

EQUIPMENT NUMBERS-

DIS-EC 1181 DIC-DA 1149 SLS WA 1082 SLC-FA 1589
MCD-D 290

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.

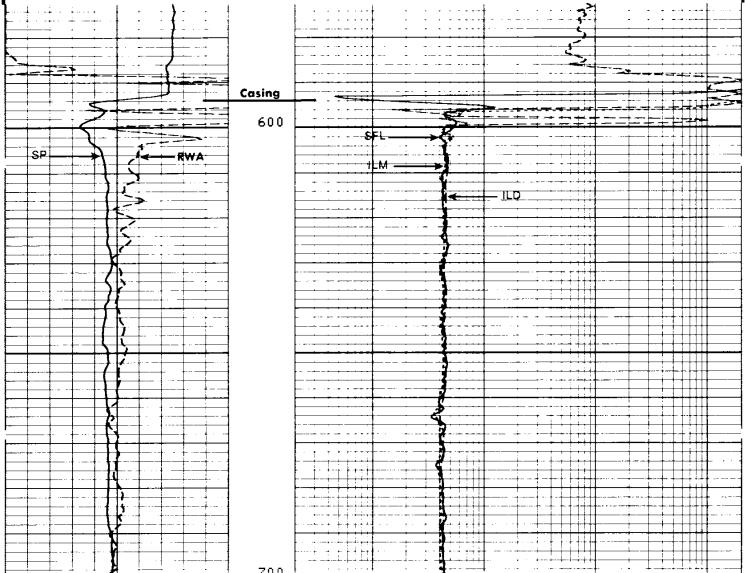
FILE

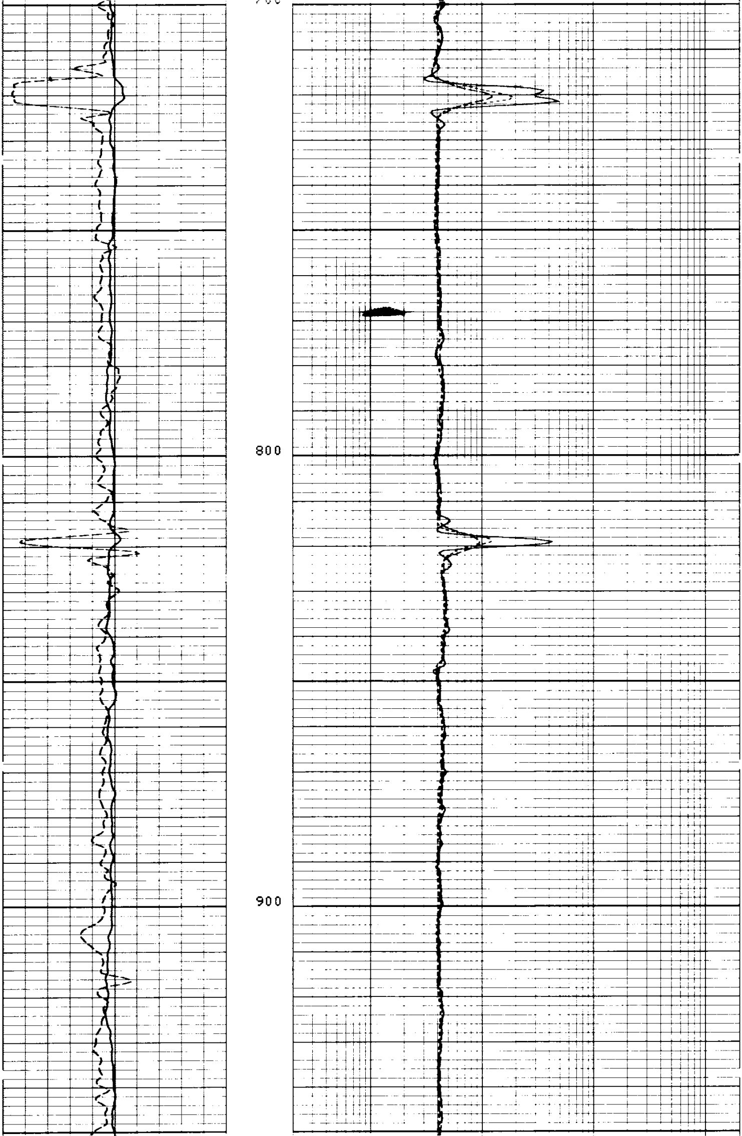
12

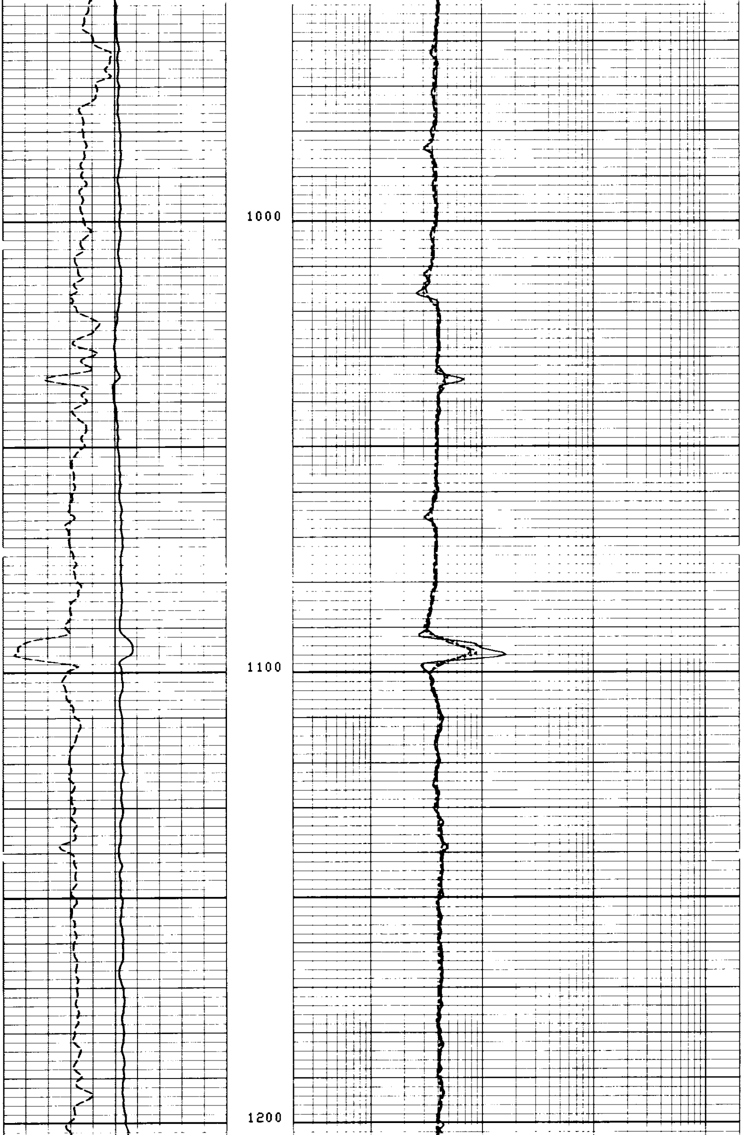
ILD (OHMM)
0.2000 2000.
RWA (OHMM)
0.0 3.000
ILM (OHMM)
0.2000 2000.
SP (MV)
-100.0 0.0
SFLU(OHMM)
0.2000 2000.

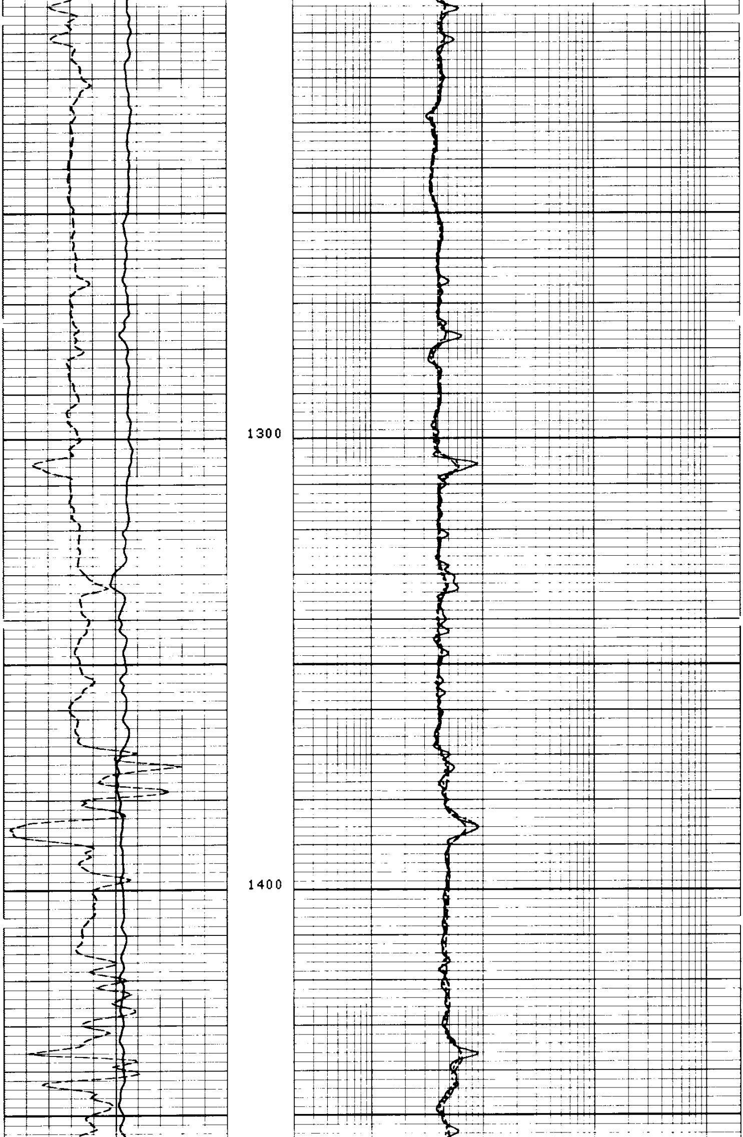
FILE

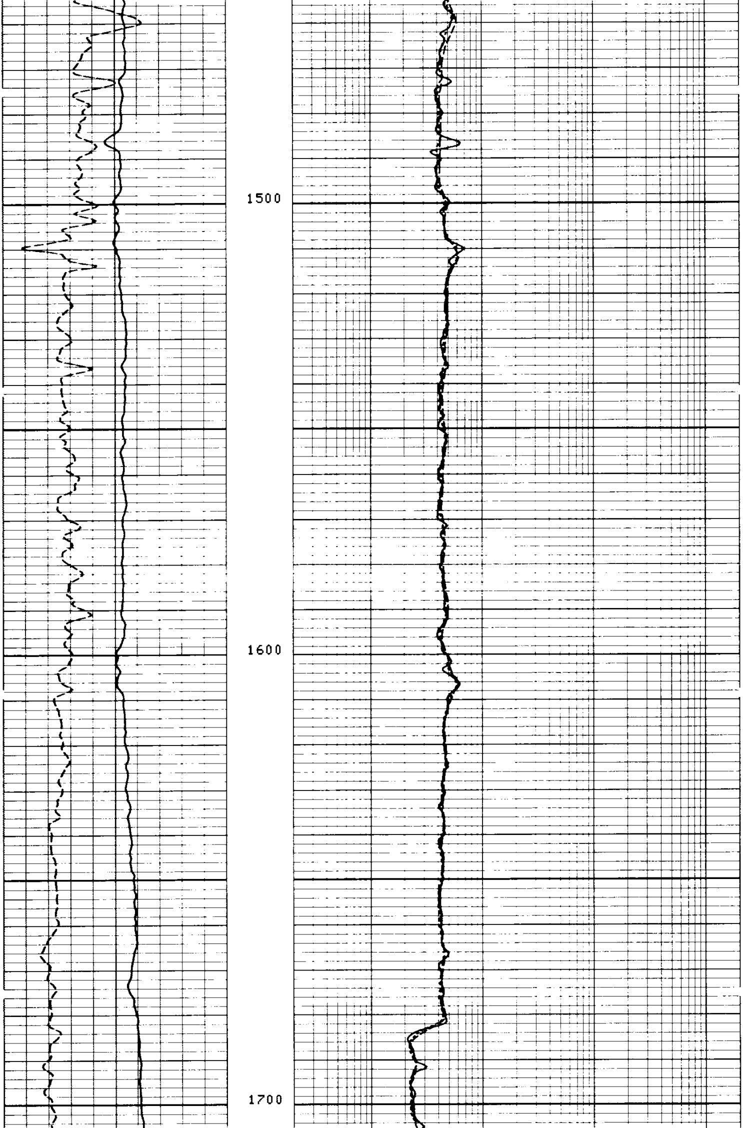
102

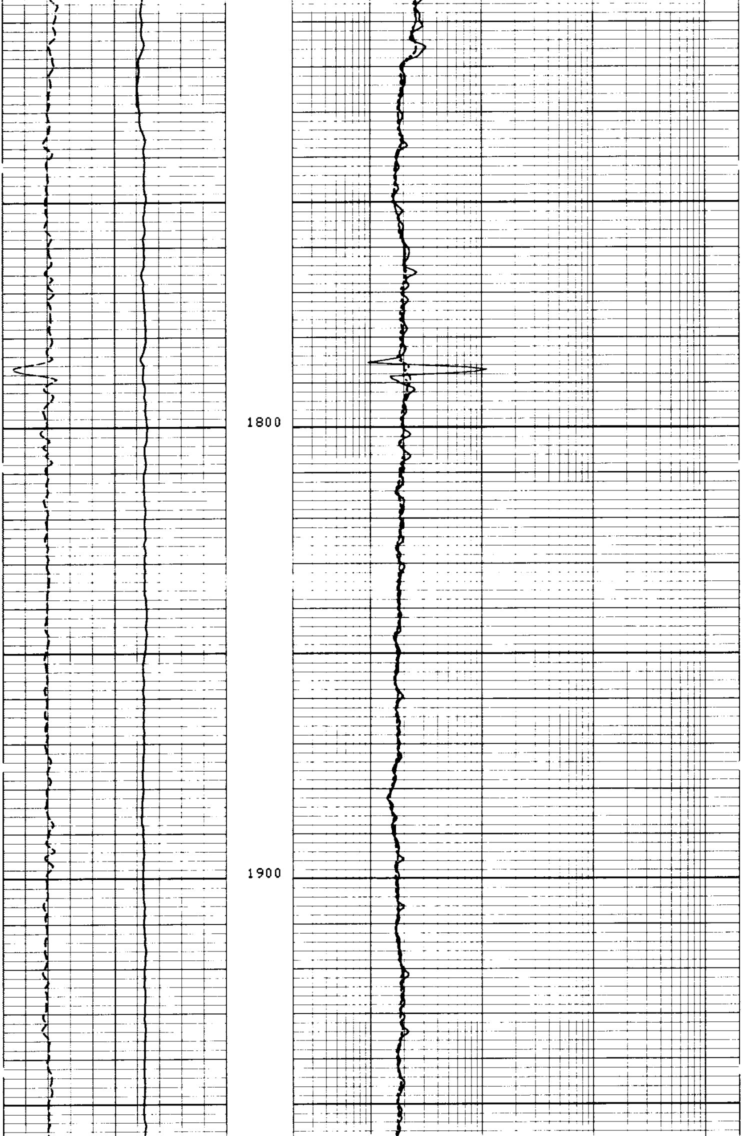


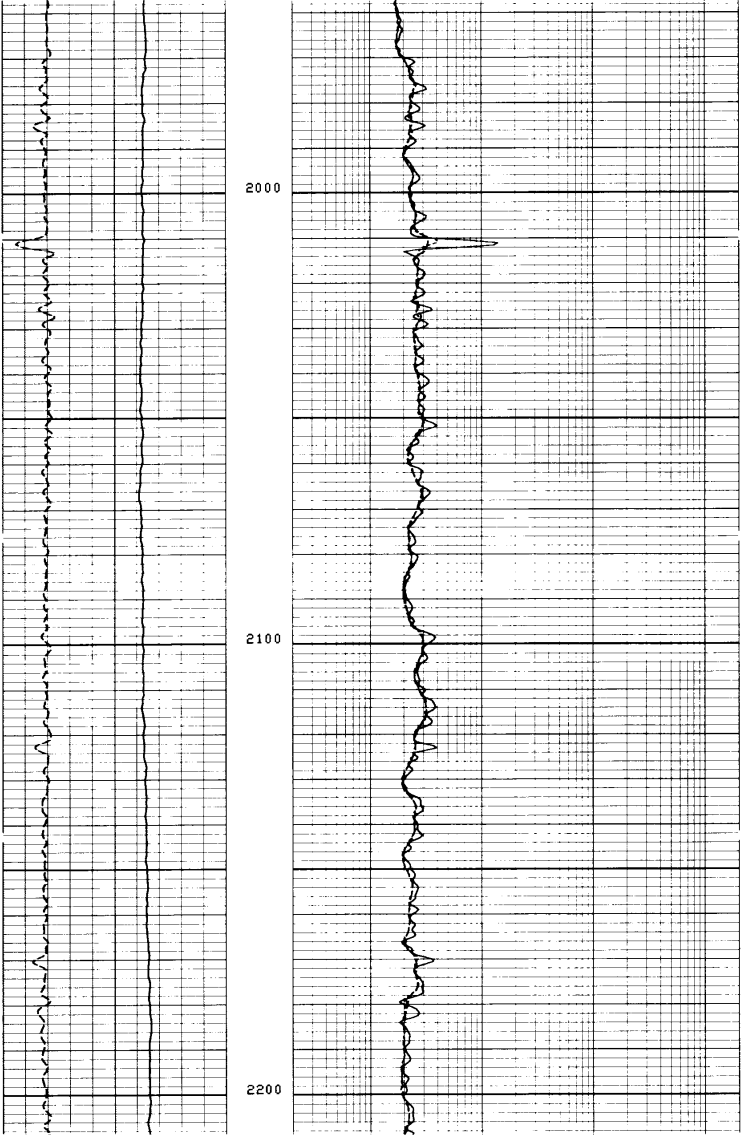


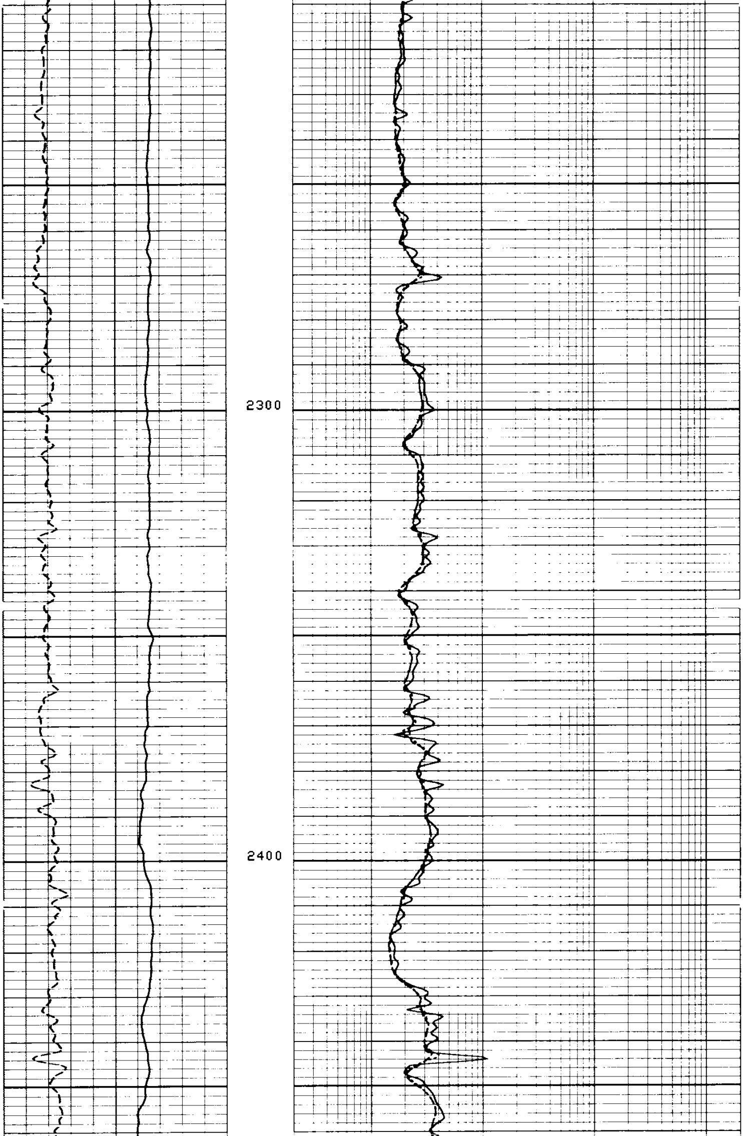


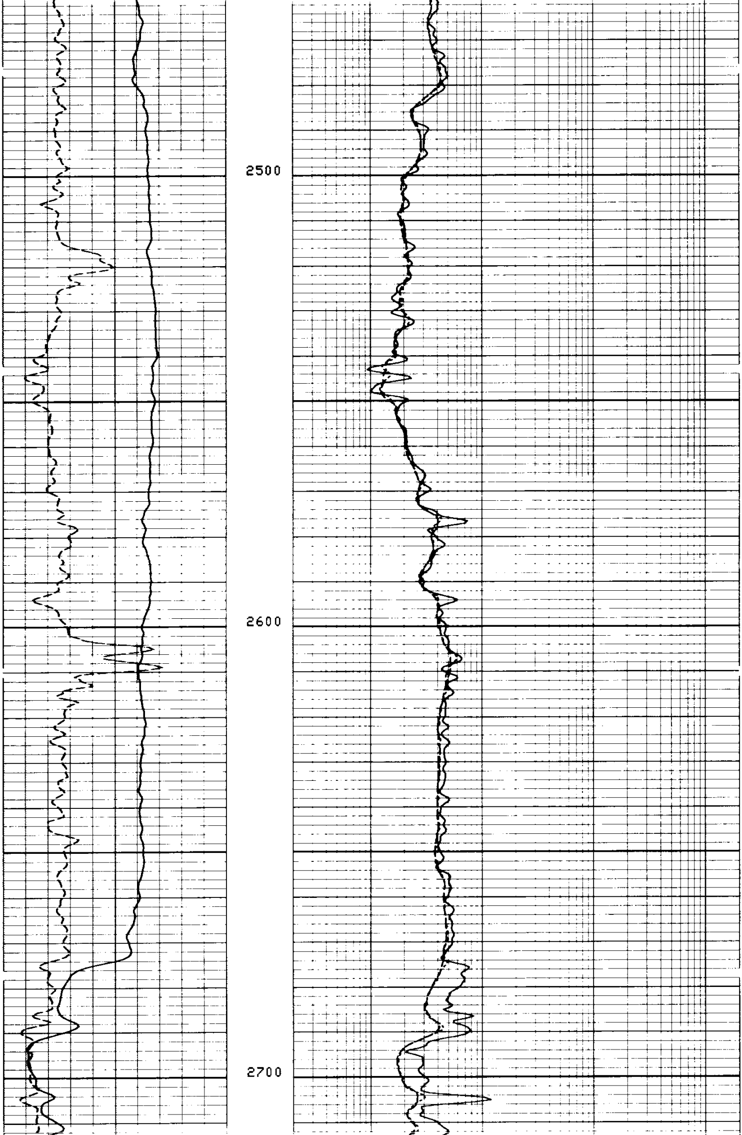


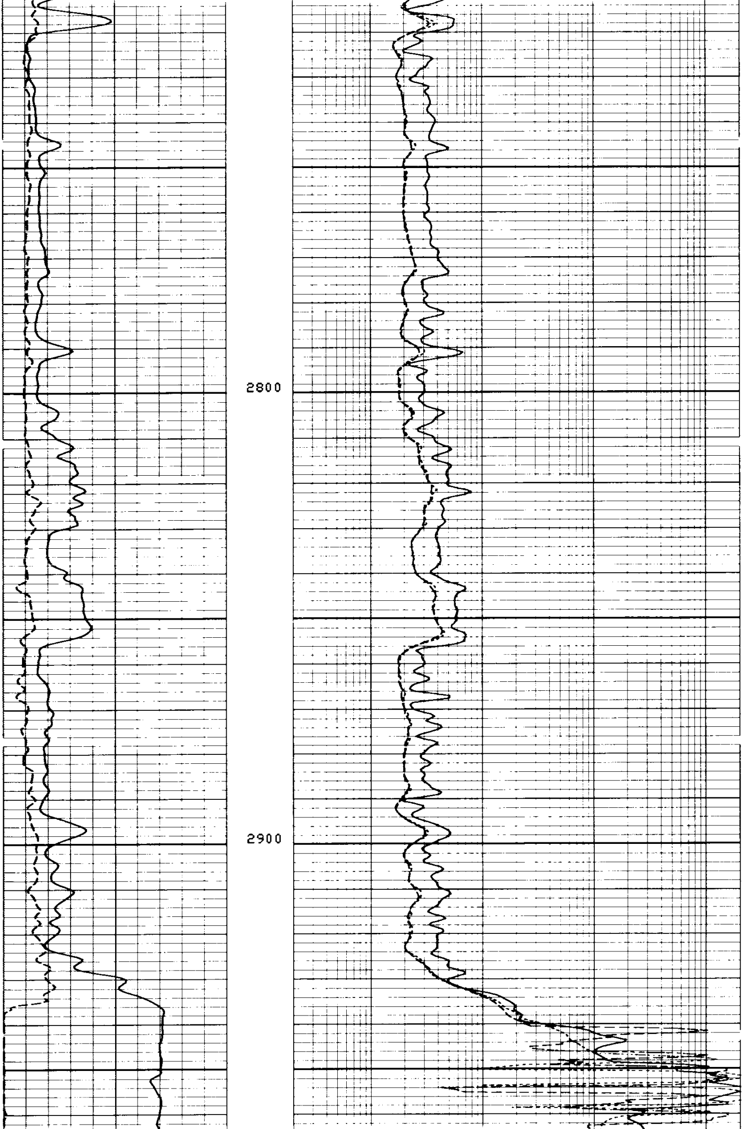


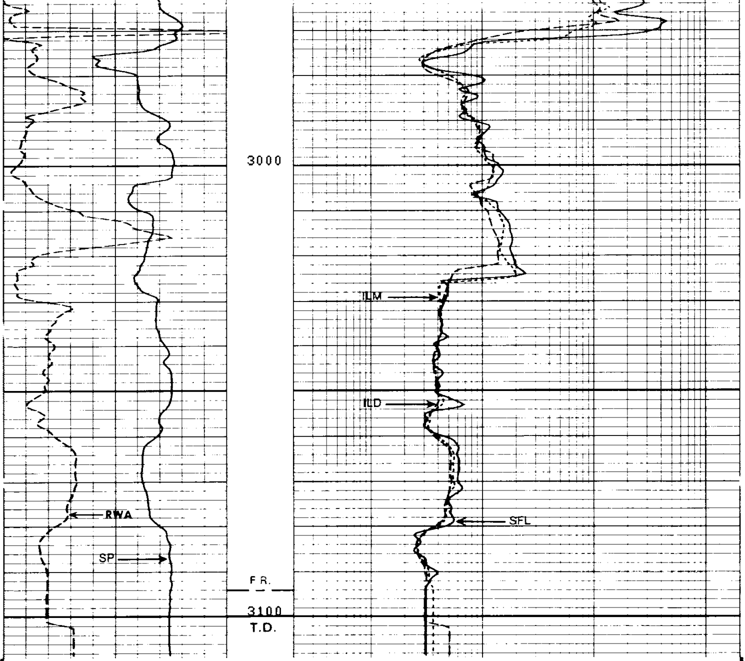












FILE

102

RWA (OHMM)
0.0 3.000

SP (MV)
-100.0 0.0

ILD (OHMM)
0.2000 2000.

ILM (OHMM)
0.2000 2000.

SFLU(OHMM)
0.2000 2000.

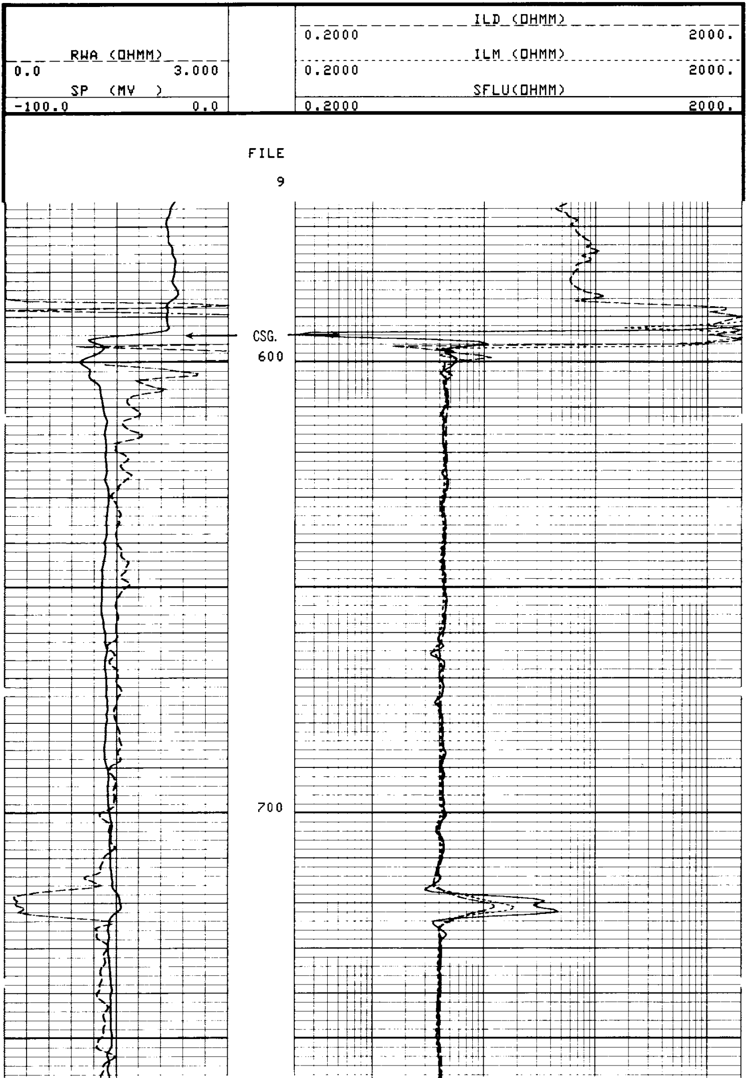
SENSOR MEASURE POINT TO TENSION REFERENCE POINT

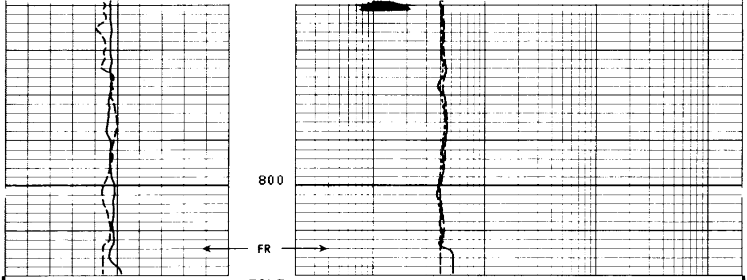
AMPL	43.9	FEET	DT	41.4	FEET
SRAT	41.4	FEET	CBL	43.9	FEET
CALI	31.8	FEET	TT	43.9	FEET
SFL	6.4	FEET	ILD	9.4	FEET
SP	2.5	FEET	ILM	5.8	FEET
TENS	.0	FEET	SPAR	2.5	FEET
NOIS	35.7	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
CDTS	100.0		BS	6.250	IN
DTF	189.0	US/F	DTM	56.00	US/F
SBR	1.000	OHMM	DSEC	6.600	MMHO
FPHI	SPHI		MSEC	0.3000	MMHO
DO	0.0		BHS	OPEN	

↓ REPEAT SECTION





FILE

9

RWA (OHMM)		ILD (OHMM)	
0.0	3.000	0.2000	2000.
SP (MV)		ILM (OHMM)	
-100.0	0.0	0.2000	2000.
		SFLU(OHMM)	
		0.2000	2000.

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

AMPL	43.9	FEET	DT	41.4	FEET
SRAT	41.4	FEET	CBL	43.9	FEET
CALI	31.8	FEET	TT	43.9	FEET
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FPHI	SPHI		MSEC	0.3000	MMHO
DO	0.0		BHS	OPEN	

CALIBRATION RECORD

AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 82/06/15
PROGRAM FILE: ISN (VERSION 20.2 81/ 1/30)

DITD **TOOL CHECK**

	ZERO		PLUS		
	BEFORE	AFTER	BEFORE	AFTER	UNITS
ILD	0.0	-0.0	499.8	501.8	MMHO
ILM	0.0	-0.0	494.9	493.0	MMHO
SFL	0.0	-0.2	500.0	496.5	MMHO

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

FILE

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                    BEFORE SURVEY CALIBRATION SUMMARY


   PERFORMED:      82/06/15
   PROGRAM FILE: ISN     (VERSION     20.2     81/ 1/30)


 DITD                 ELECTRONICS CALIBRATION SUMMARY

               MEASURED                          CALIBRATED
             ZERO     PLUS                   ZERO       PLUS          UNITS
    ILD       0.5     534.1                   0.0       499.8          MMHO
    ILM      -0.1     515.7                   0.0       494.9          MMHO
    SFL      -0.2     505.5                   0.0       500.0          MMHO

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

 MCDB                 CALIPER CALIBRATION SUMMARY

               MEASURED                          CALIBRATED
             SMALL    LARGE                  SMALL      LARGE         UNITS
   CALI       6.1     11.5                    6.0       12.0           IN
                          FILE

                           7

                      SHOP SUMMARY


   PERFORMED:      82/05/04
   PROGRAM FILE: SHOP    (VERSION     20.2     81/ 1/30)


 DITD                 ELECTRONICS CALIBRATION SUMMARY

                   TEST LOOP CALIBRATION              TOOL CHECK
              MEASURED          CALIBRATED            CALIBRATED
            ZERO      PLUS      ZERO      PLUS      ZERO      PLUS     UNITS
    ILD     -4.9      527.7     0.0       500.0     0.0       500.0    MMHO
    ILM     -0.9      521.6     0.0       500.0     0.0       495.5    MMHO
 ILD   SONDE ERROR CORRECTION :         6.6     MMHO
 ILM   SONDE ERROR CORRECTION :         0.3     MMHO

                        (IS:1181 , IC:1149 )
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CALIBRATION RECORD

COMPANY REICHHOLD ENERGY

WELL COLUMBIA COUNTY 45-3

FIELD MIST

COUNTY COLUMBIA STATE OREGON

SCHL. FR 3094

SCHL. TD 3100

DRLR. TD 3099

Elev: KB 626.8

DF -----

GL 615.4

- END -