Schlumberger

CONTINIOUS DIPMETER

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	ELEVATIONS-	
ELEV. OF PERM. DATUM:	898.5 F	KB:	911.0 F
LOG MEASURED FROM:	KB	DF:	
12.5 F	ABOVE PERM. DATUM	GL:	898.5 F
DRLG. MEASURED FROM:	KB		

DATE:	19 AUG 84
RUN NO:	1
DEPTH-DRILLER:	2441.0 F
DEPTH-LOGGER:	2440.0 F
BTM. LOG INTERVAL:	2439.0 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

OTHER SERVICES-
DIL
BHC
FDC/CNL/GR

API SERIAL NO:
3600900127

PROGRAM
TAPE NO:
26.2
SERVICE
ORDER NO:
382957

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:	1.164 OHMM AT 95.0 DEGF
RMF AT BHT:	.059 OHMM AT 95.0 DEGF
RMC AT BHT:	1.549 OHMM AT 95.0 DEGF
TIME CIRC. STOPPED:	0230
TIME LOGGER ON BTM.:	1200
MAX. REC. TEMP:	95.0 DEGF
LOGGING UNIT NO:	8128
LOGGING UNIT LOC:	SACRAMENTO
RECORDED BY:	ANDERSEN
WITNESSED BY:	ALGER

REMARKS:

EQUIPMENT NUMBERS-

HBM 725 HDE 787 HDS 1906 DAM 823

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 19-AUG-84 00:10
DATA ACQUIRED 00- -00 00:00

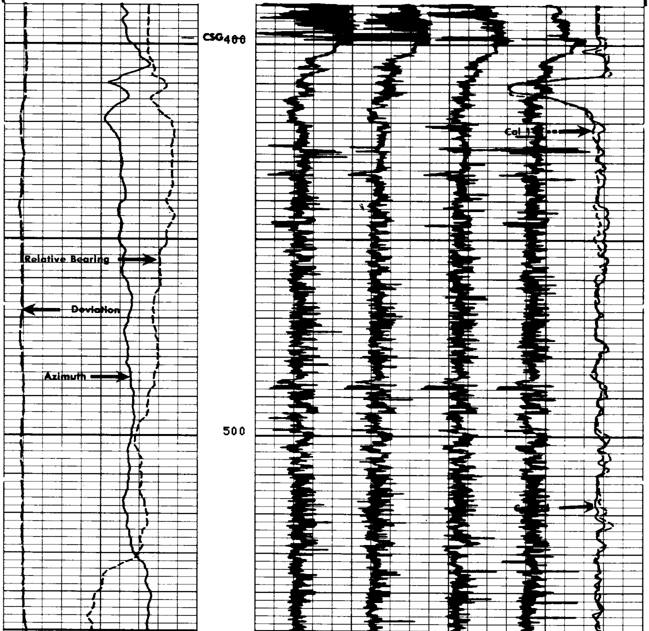
CHANGED PARAMETERS

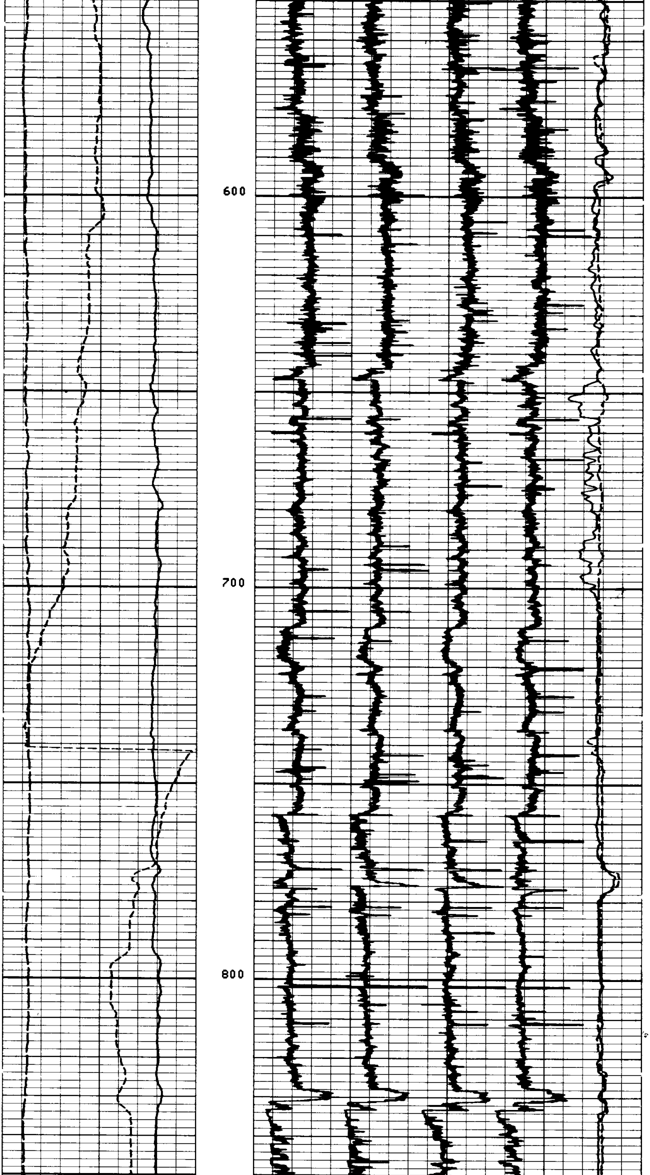
NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)

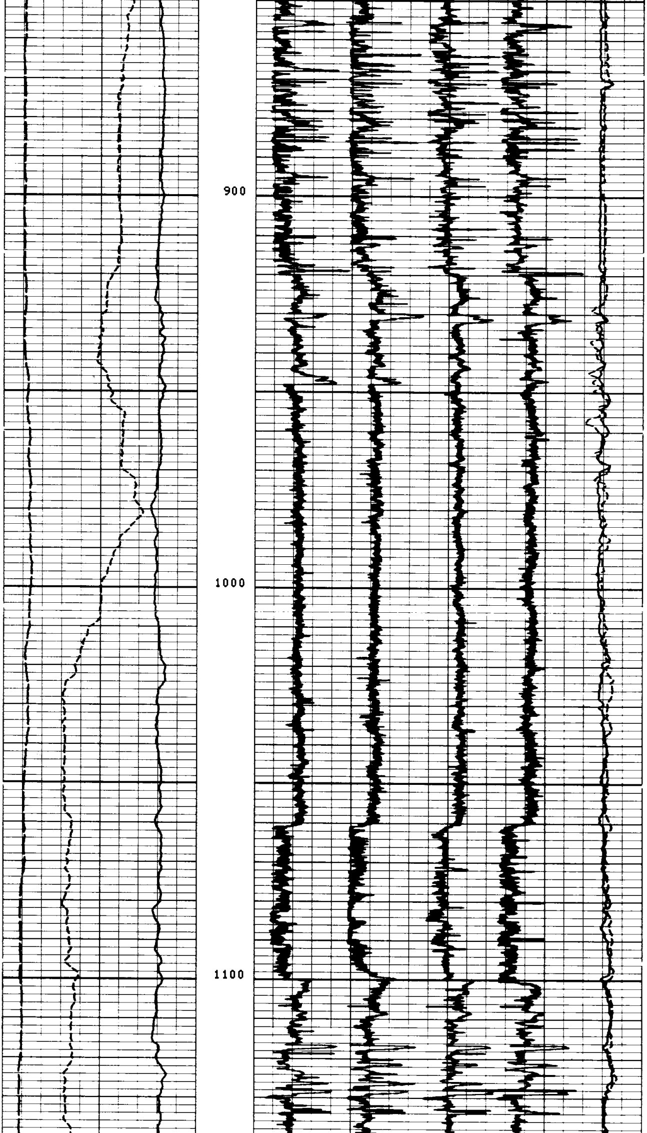
DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

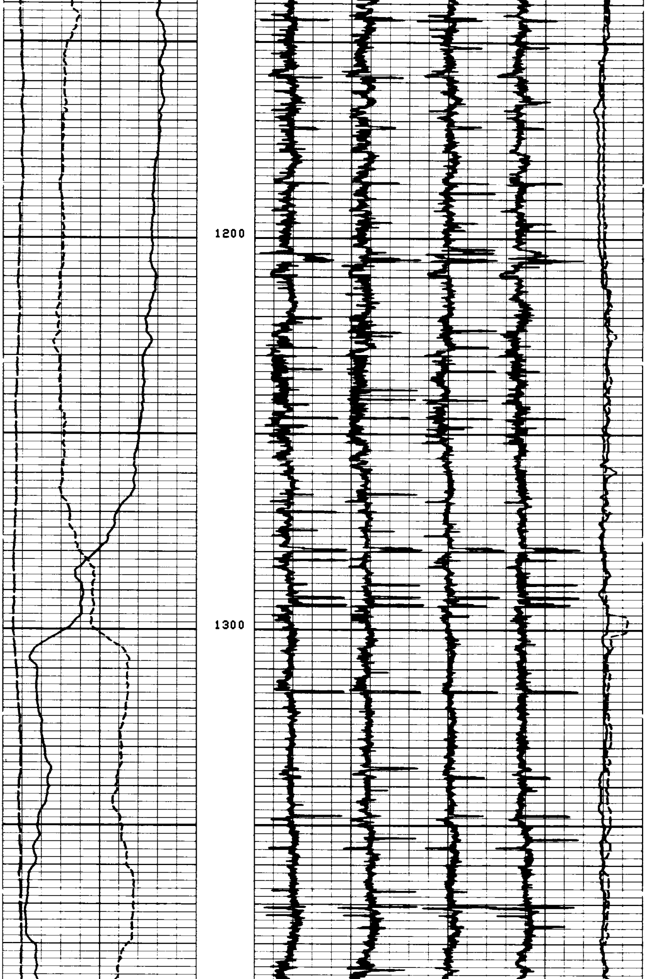
C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

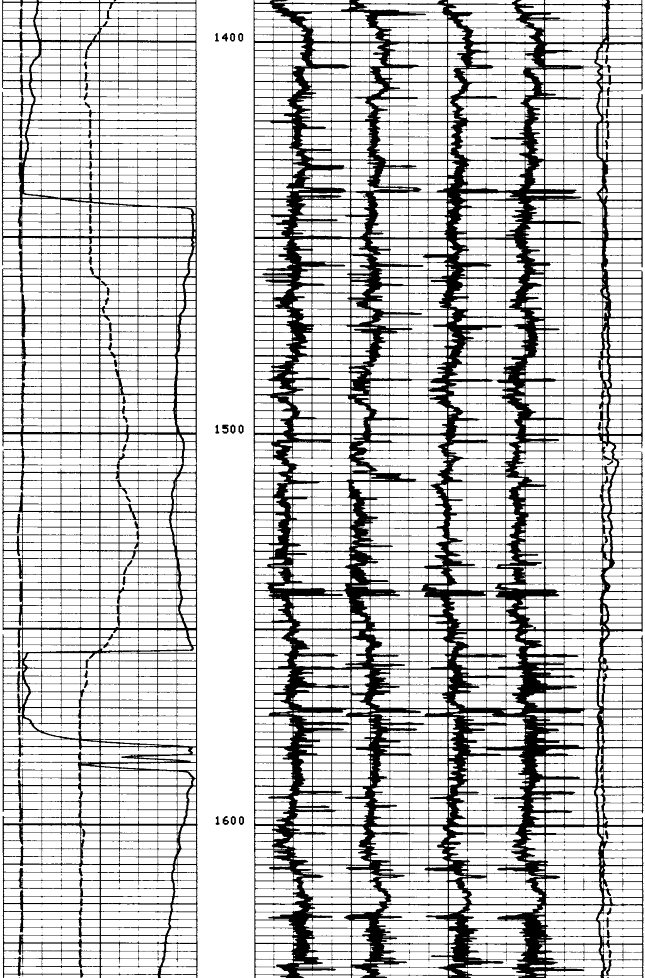
FILE
5

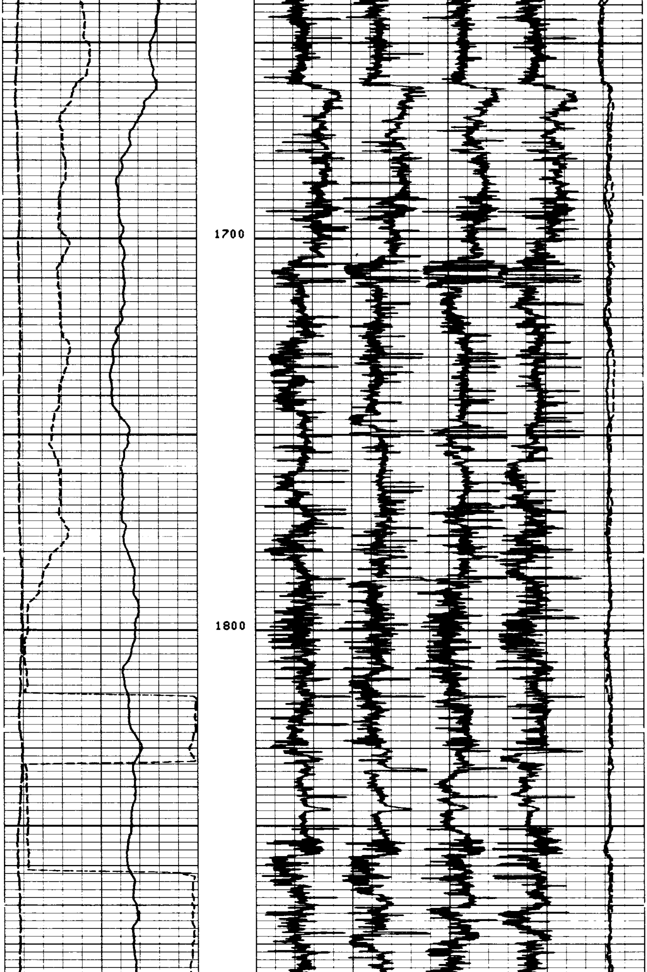


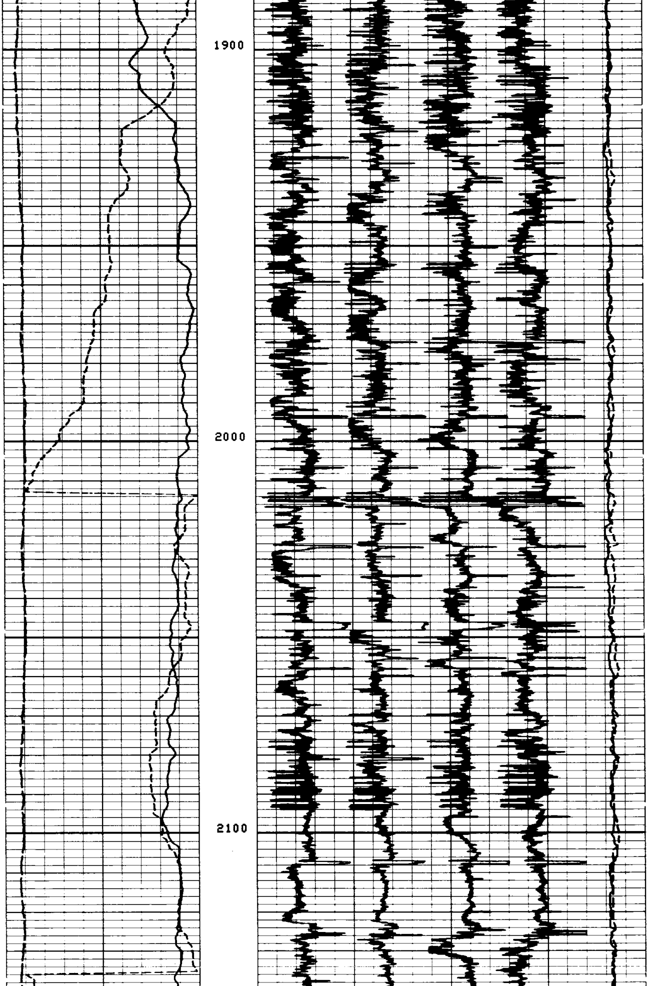


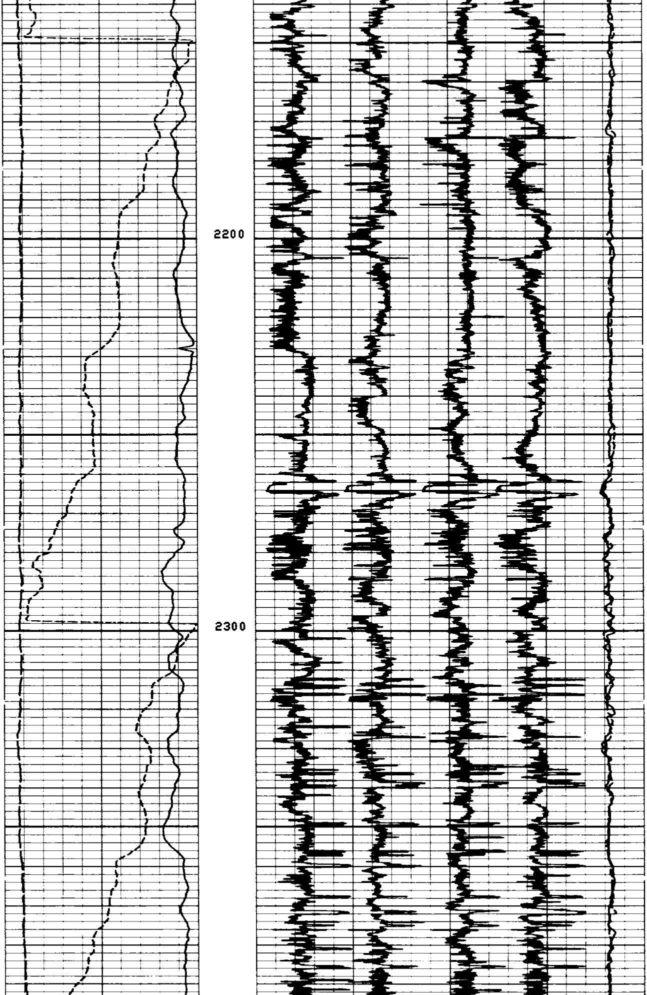


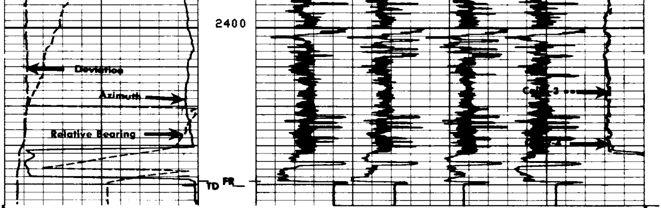












FILE

5

DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

RB	.0	FEET	AZIM	.0	FEET
FEP1	.0	FEET	DEVI	.0	FEET
REFE	.0	FEET	FEP2	.0	FEET
EMEX	.0	FEET	RC	.0	FEET
C2	.0	FEET	C1	.0	FEET
RC2	.0	FEET	RC1	.0	FEET
TEMP	.0	FEET	PP	.0	FEET
FC0	.0	FEET	TENS	.0	FEET
FC2	.0	FEET	FC1	.0	FEET
FC4	.0	FEET	FC3	.0	FEET
SHDT	.0	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PVUM	1.00000		BS	7.87500	IN
STYP	HDSD		MCT	72	DEG
DO	0.0	F	BHS	OPEN	

CHANGED PARAMETERS

NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)

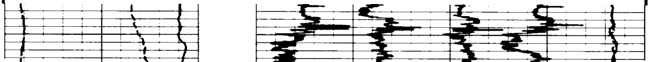
DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

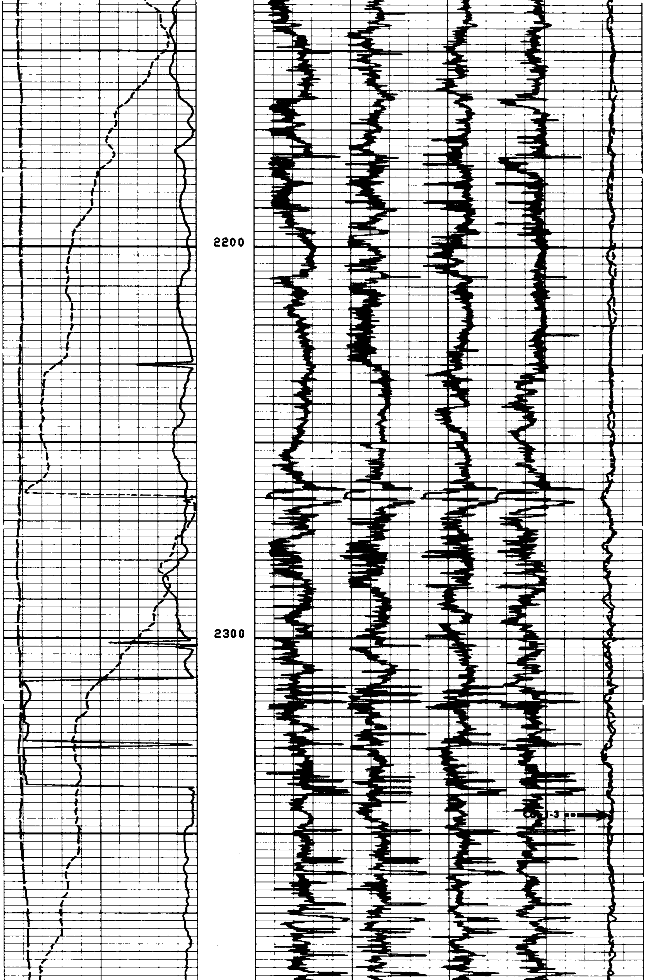
C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

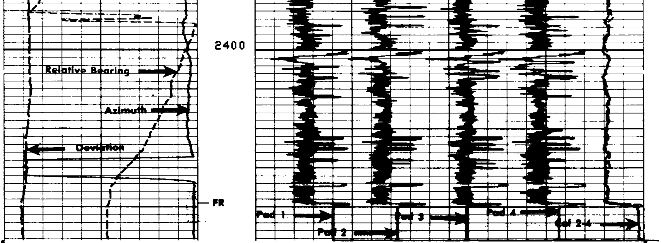
FILE

4

REPEAT SECTION







FILE

4

DEVI(DEG)		C2 (IN)	
-1.000	9.0000		
RB (DEG)		C2 (IN)	
-40.00	360.00	26.000	6.0000
AZIM(DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

RB	.0	FEET	AZIM	.0	FEET
FEP1	.0	FEET	DEVI	.0	FEET
REFE	.0	FEET	FEP2	.0	FEET
EMEX	.0	FEET	RC	.0	FEET
C2	.0	FEET	C1	.0	FEET
RC2	.0	FEET	RC1	.0	FEET
TEMP	.0	FEET	PP	.0	FEET
FC0	.0	FEET	TENS	.0	FEET
FC2	.0	FEET	FC1	.0	FEET
FC4	.0	FEET	FC3	.0	FEET
SHDT	.0	FEET			

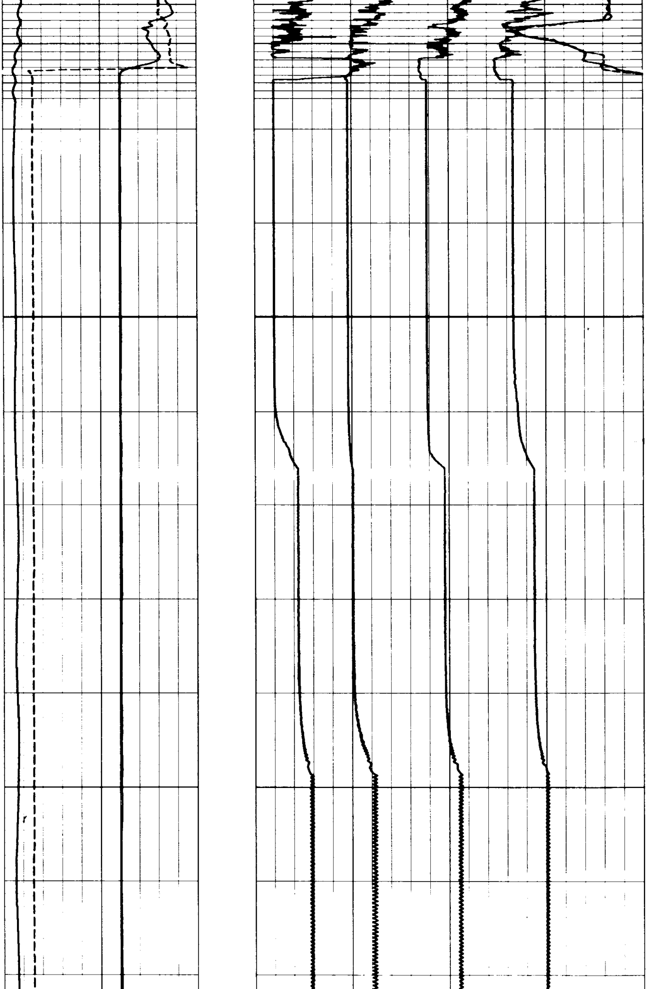
PARAMETERS

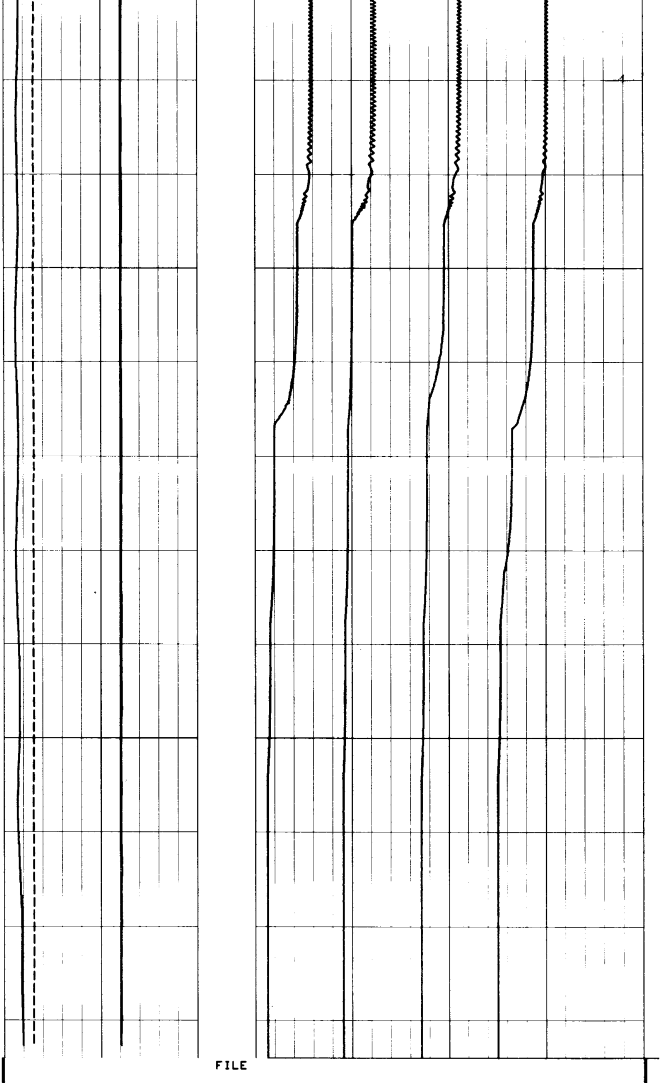
NAME	VALUE	UNIT	NAME	VALUE	UNIT
PVUM	1.00000		BS	7.87500	IN
STYP	HDSD		MCT	72	DEG
DO	0.0	F	BHS	OPEN	

DEVI(DEG)		C2 (IN)	
-1.000	9.0000		
RB (DEG)		C2 (IN)	
-40.00	360.00	26.000	6.0000
AZIM(DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000

FILE

3





FILE

3

DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

RB	.0	FEET	AZIM	.0	FEET
FEP1	.0	FEET	DEVI	.0	FEET
REFE	.0	FEET	FEP2	.0	FEET
EMEX	.0	FEET	RC	.0	FEET
C2	.0	FEET	C1	.0	FEET
RC2	.0	FEET	RC1	.0	FEET
TEMP	.0	FEET	PP	.0	FEET
FC0	.0	FEET	TENS	.0	FEET
FC2	.0	FEET	FC1	.0	FEET
FC4	.0	FEET	FC3	.0	FEET
SHDT	.0	FEET			

PARAMETERS

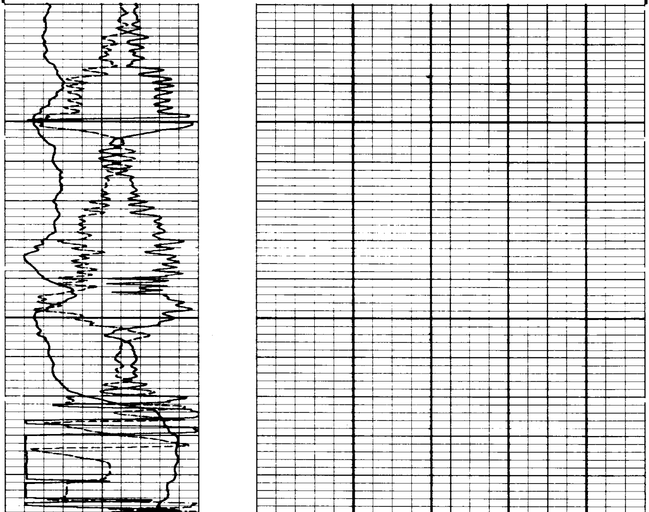
NAME	VALUE	UNIT	NAME	VALUE	UNIT
PVUM	1.00000		BS	7.87500	IN
STYP	HDSD		MCT	72	DEG
DO	0.0	F	BHS	OPEN	

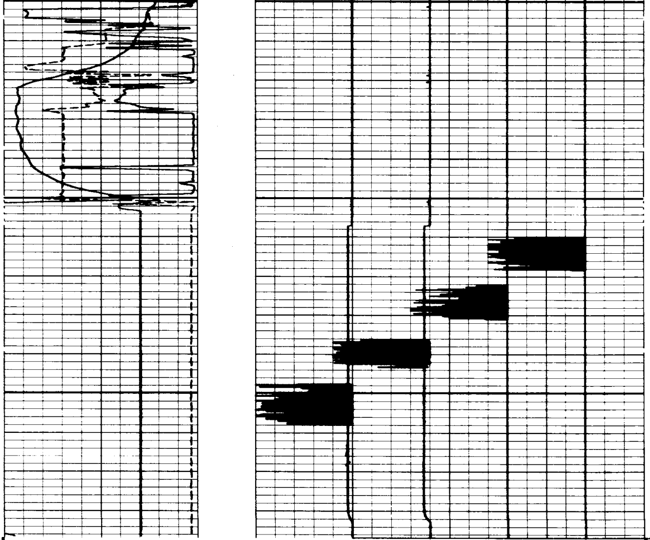
DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

FILE

2





FILE

2

DEVI(DEG)		C2 (IN)	
-1.000	9.0000	26.000	6.0000
RB (DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000
AZIM(DEG)			
-40.00	360.00		

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

RB	.0	FEET	AZIM	.0	FEET
FEP1	.0	FEET	DEVI	.0	FEET
REFE	.0	FEET	FEP2	.0	FEET
EMEX	.0	FEET	RC	.0	FEET
C2	.0	FEET	C1	.0	FEET
RC2	.0	FEET	RC1	.0	FEET
TEMP	.0	FEET	PP	.0	FEET
FC0	.0	FEET	TENS	.0	FEET
FC2	.0	FEET	FC1	.0	FEET
FC4	.0	FEET	FC3	.0	FEET
SHDT	.0	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PVUM	1.00000		BS	7.87500	IN
STYP	HDSD		MCT	72	DEG
DO	0.0	F	BHS	OPEN	

```
                 BEFORE SURVEY CALIBRATION SUMMARY

   PERFORMED:      84/08/19
   PROGRAM FILE: HDT    (VERSION    24.2    83/03/29)

 HDTD              CALIPER CALIBRATION SUMMARY

              MEASURED                    CALIBRATED
           SMALL   LARGE              SMALL      LARGE        UNITS
     C1     7.1    13.9                6.0       12.0          IN
     C2     7.3    13.6                6.0       12.0          IN
                     FILE

                        1
```