Schlumberger

CONTINIOUS DIPMETER

CSU

SCANNED

COMPANY:	DIAMOND SHAMROCK CORPORATION
WELL:	CLATSOP COUNTY #33-11
FIELD:	WEST MIST
COUNTY:	CLATSOP
STATE:	OREGON
LOCATION:	1858' N & 1845' W OF SE CORNER
SEC:	11
TWP:	6N
RGE:	6W

OTHER SERVICES-
DIL
BHC
FDC/CNL/NGT
CST
WST

PERMANENT DATUM:	GL
ELEV. OF PERM. DATUM:	928.0 '
LOG MEASURED FROM:	KB
12.0 '	ABOVE PERM. DATUM
DRLG. MEASURED FROM:	KB

ELEVATIONS-
KB: 940.0 '
DF:
GL: 928.0 '

PROGRAM
TAPE NO:
22.4
SERVICE
ORDER NO:
383546

DATE:	2 JUN 1983
RUN NO:	1

DEPTH-DRILLER:	4223.0 '
DEPTH-LOGGER:	4219.0 '
BTM. LOG INTERVAL:	4212.0 '
TOP LOG INTERVAL:	1003.0 '
CASING-DRILLER:	1023 '
CASING-LOGGER:	1003 '
CASING:	9.625
BIT SIZE:	8.75
DEPTH:	4223 '

TYPE FLUID IN HOLE:	KCL POLYMER
DENSITY:	10.0 LB/G
VISCOSITY:	45.0 S
PH:	7.5
FLUID LOSS:	6.8 C3
SOURCE OF SAMPLE:	CIRC
RM:	0.170 OHMM AT 80.0 DEGF
RMF:	0.164 OHMM AT 62.0 DEGF
RMC:	0.533 OHMM AT 62.0 DEGF
SOURCE RMF/RMC:	MEAS. /MEAS.
RM AT BHT:	0.117 OHMM AT 119. DEGF
RMF AT BHT:	0.089 OHMM AT 119. DEGF
RMC AT BHT:	0.291 OHMM AT 119. DEGF
TIME CIRC. STOPPED:	1300
TIME LOGGER ON BTM.:	0300 6/2/83
MAX. REC. TEMP:	119.0 DEGF
LOGGING UNIT NO:	8128
LOGGING UNIT LOC:	SACRAMENTO
RECORDED BY:	ANDERSEN
WITNESSED BY:	SEELING

REMARKS:

EQUIPMENT NUMBERS-

DAM 1755	HDS 1954	HDE 1279	HDM 1726

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

102

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PVUM	1.00000		BS	8.75000	IN
STYP	HDSD		MCT	36	DEG
DO	0.0	F	BHS	OPEN	

CHANGED PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
VHOL	122.616	F3			

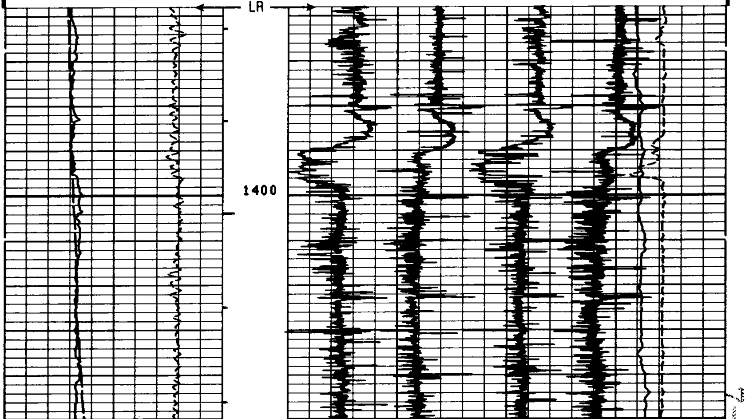
DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

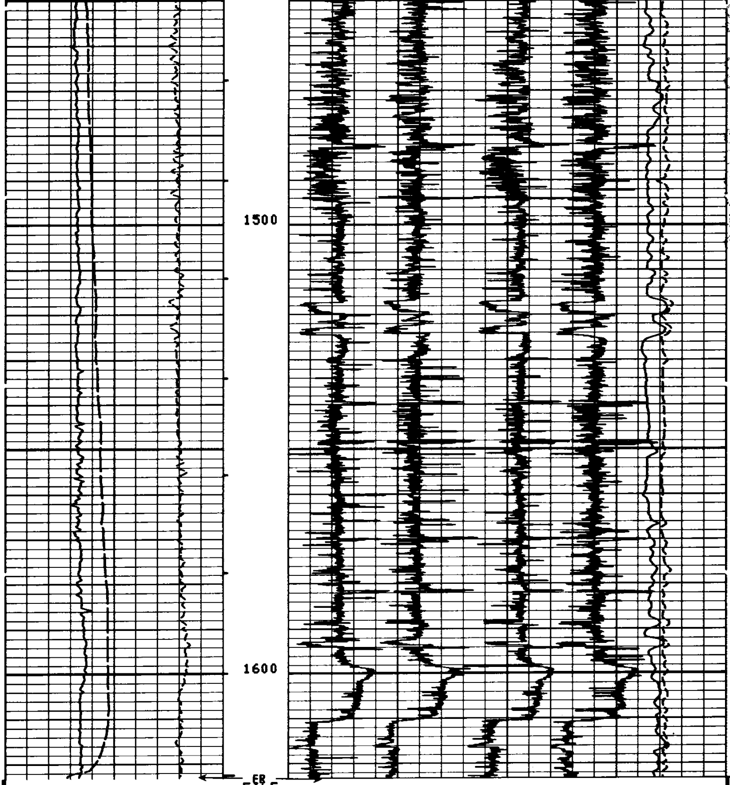
C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

FILE

4

REPEAT SECTION





FILE

4

DEVI(DEG)
-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	8.75000	IN
STYP	HDSD		MCT	36	DEG
DO	0.0	F	BHS	OPEN	

CHANGED PARAMETERS

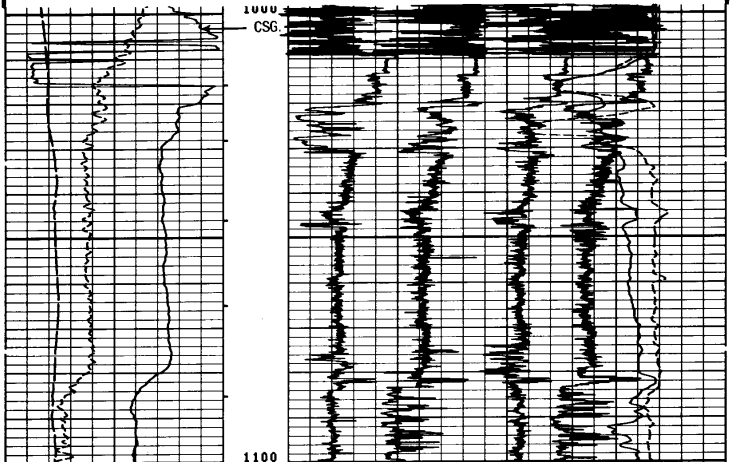
NAME	VALUE	UNIT	NAME	VALUE	UNIT
VHOL	890.206	F3			

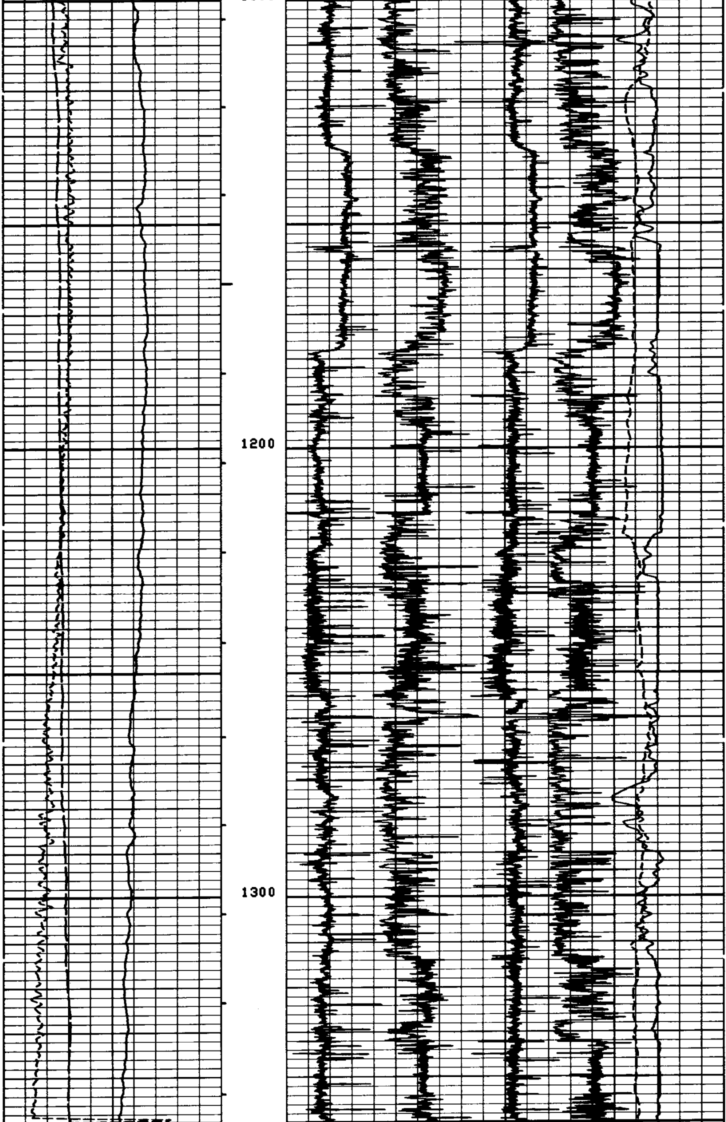
DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

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

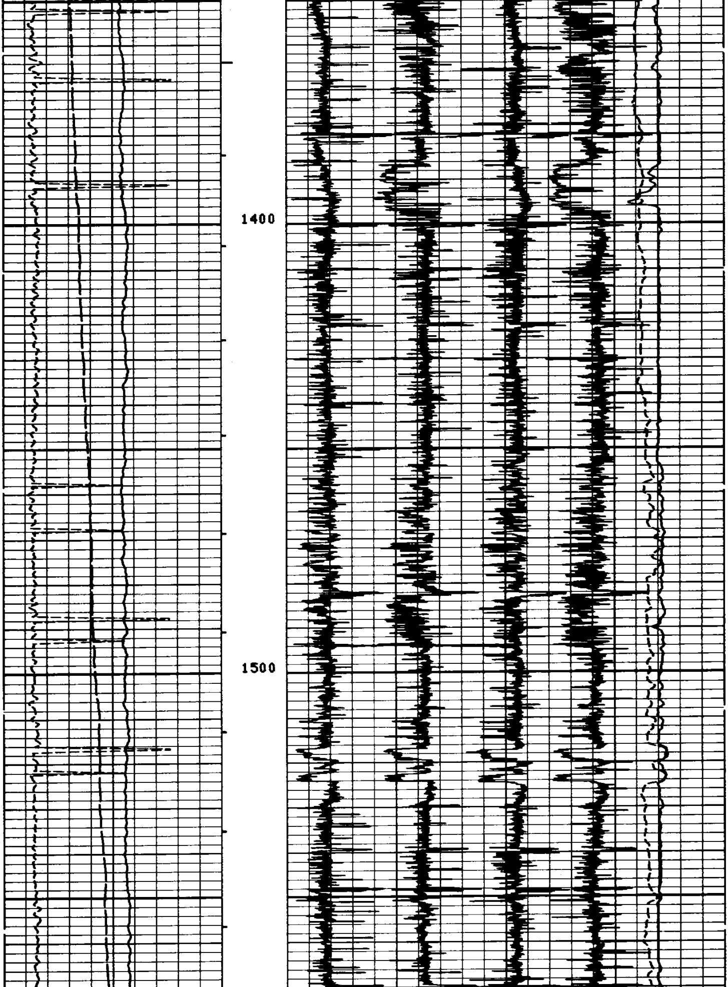
FILE

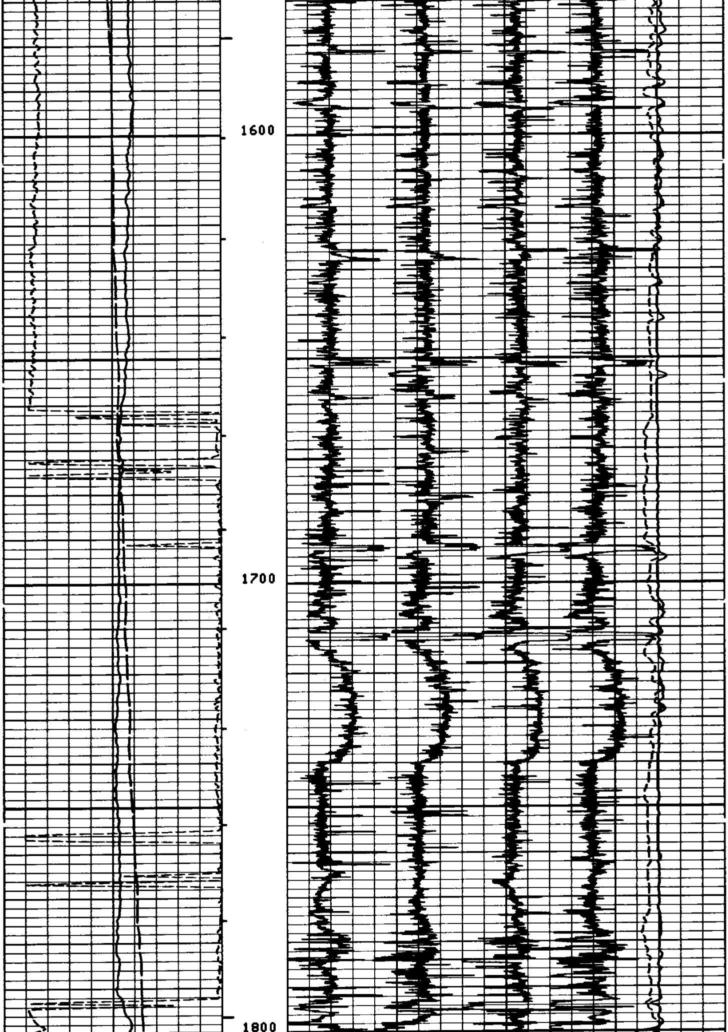
3

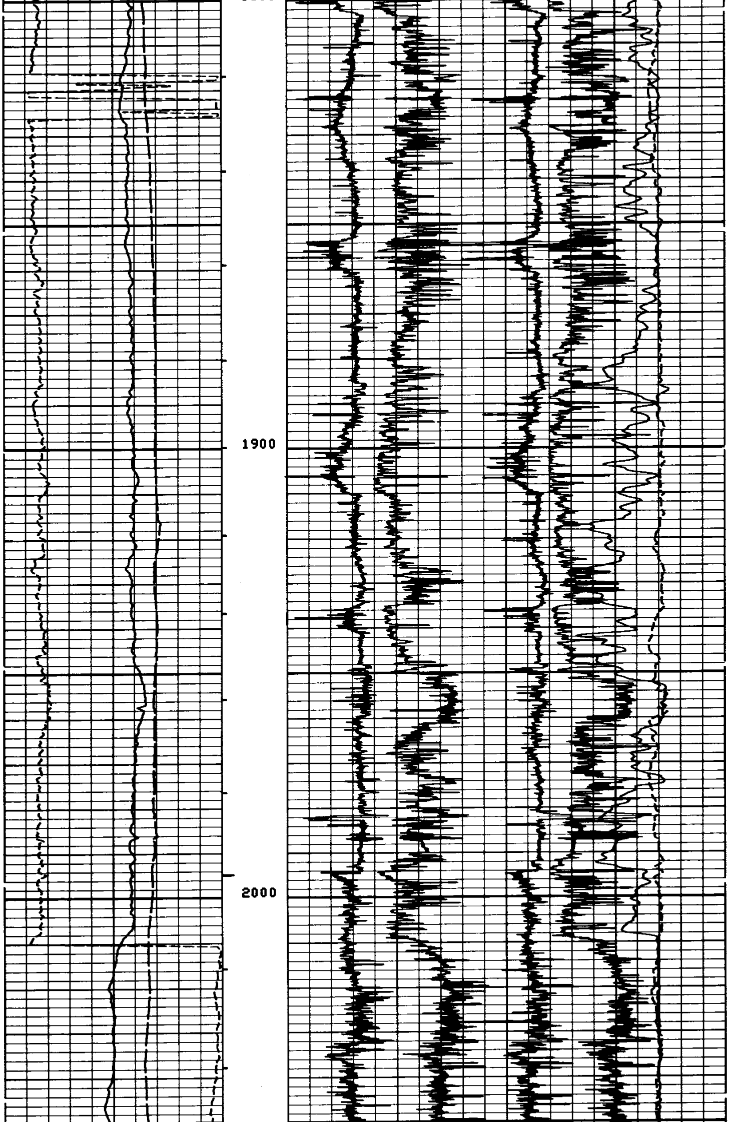


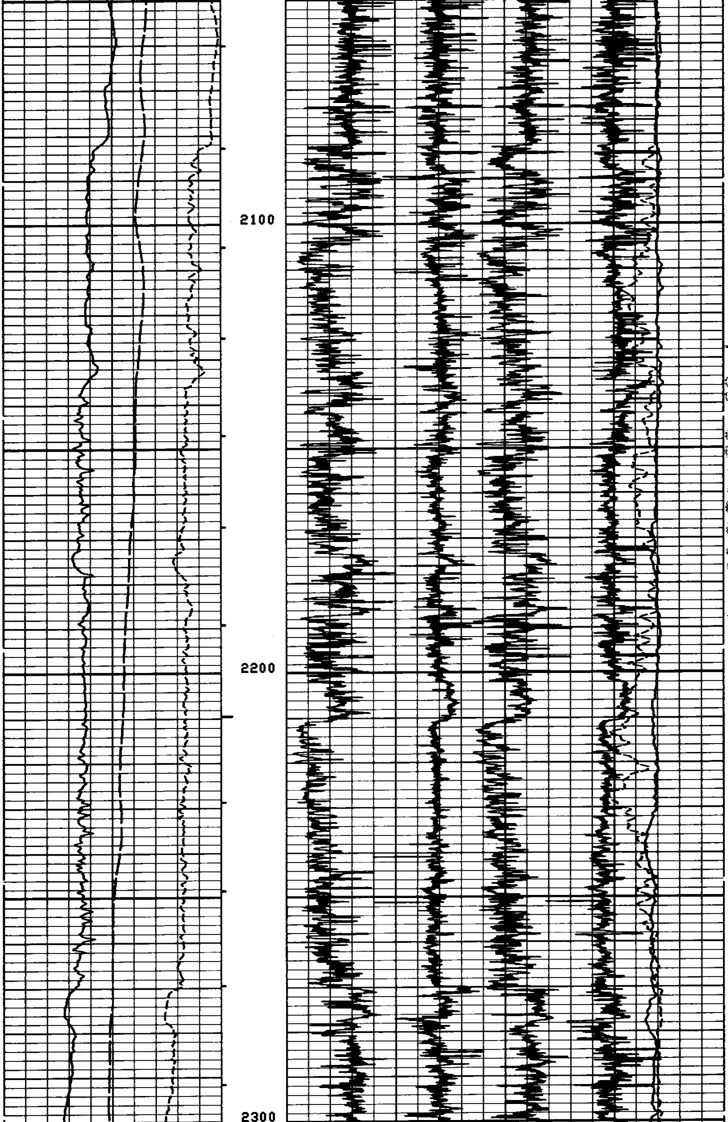


7-05-83 388546

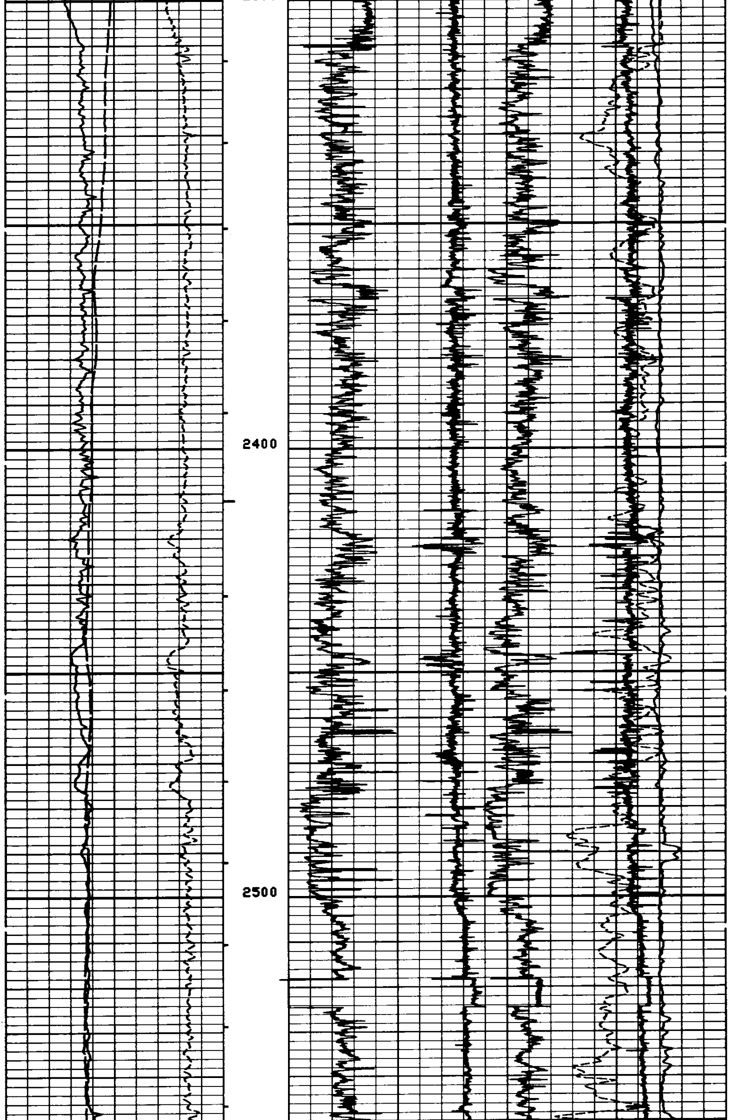


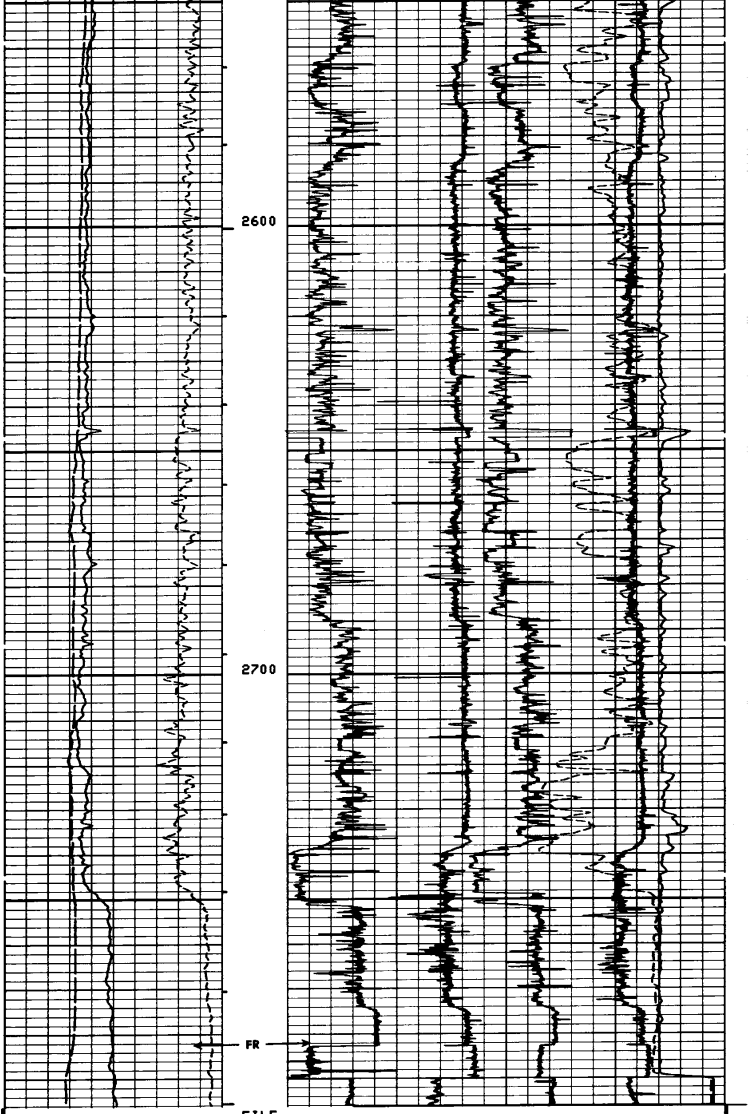






7-05-83 M383546





FILE

3

LOST 40′ OF DIPMETER

DEVI(DEG)			
-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	8.75000	IN
STYP	HDSD		MCT	36	DEG
DD	0.0	F	BHS	OPEN	

CHANGED PARAMETERS

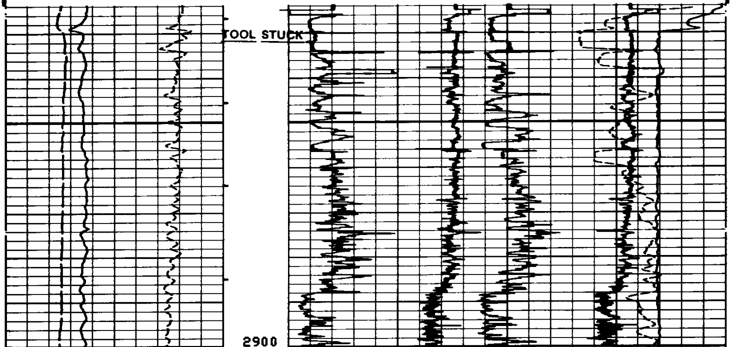
NAME	VALUE	UNIT	NAME	VALUE	UNIT
VHOL	651.185	F3			

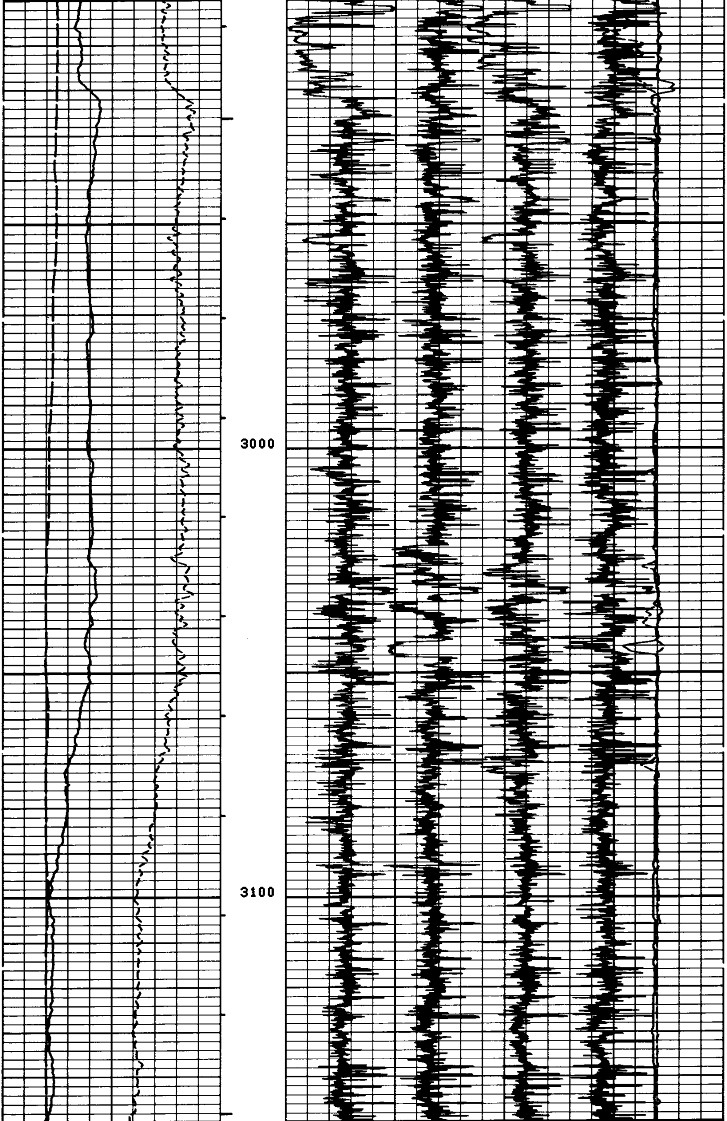
DEVI(DEG)			
-1.000	9.0000		
RB (DEG)		C2 (IN)	
-40.00	360.00	26.000	6.0000
AZIM(DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000

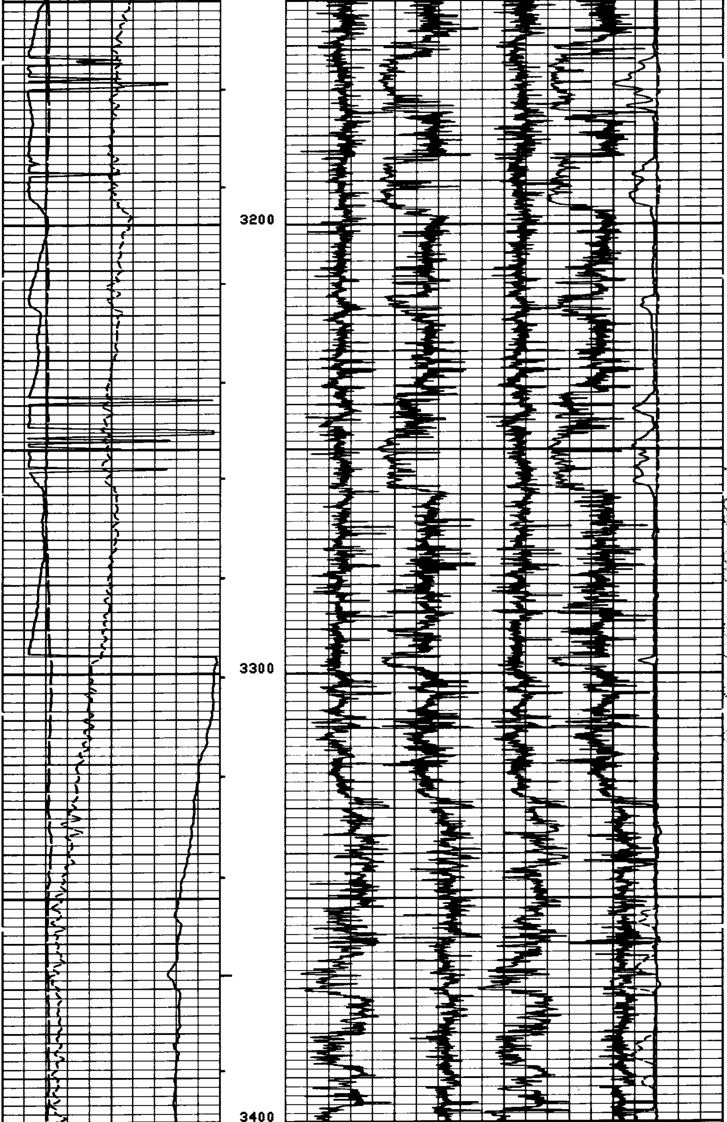
FILE

2

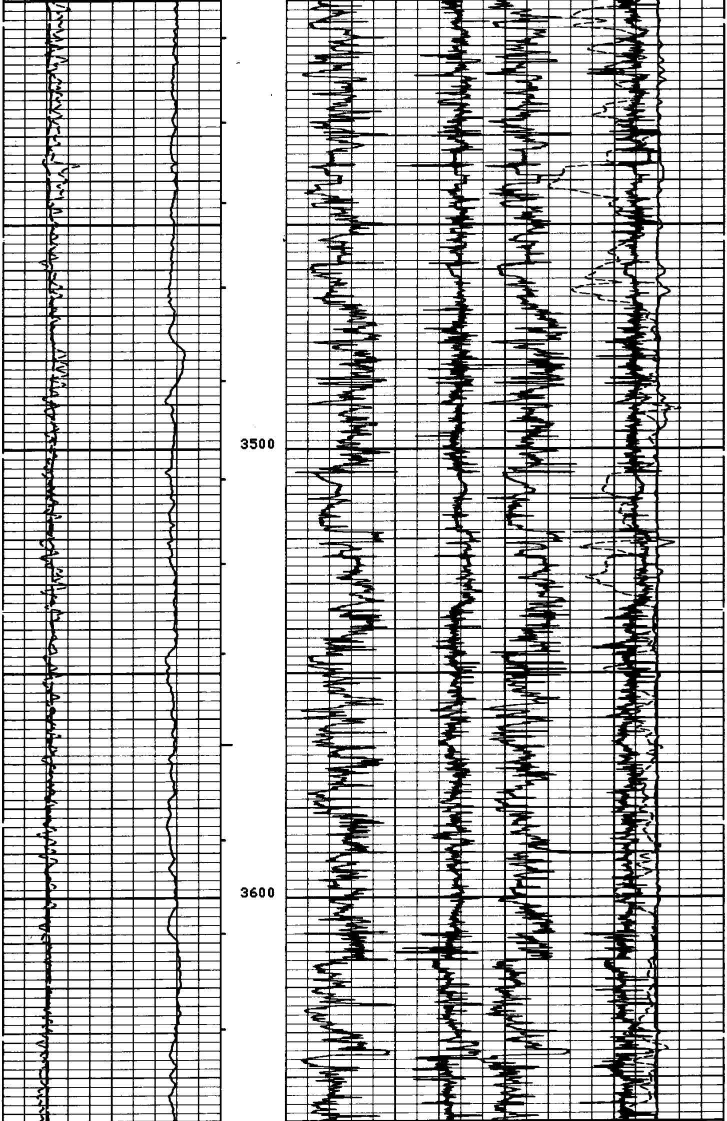
TOOL STUCK

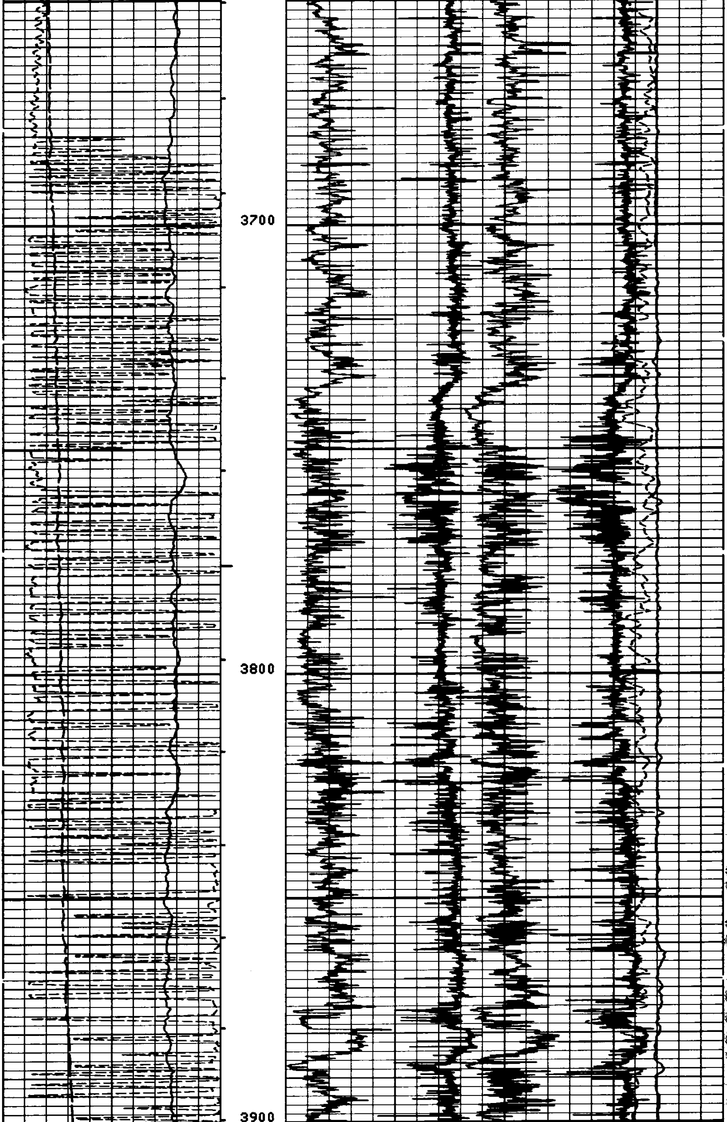




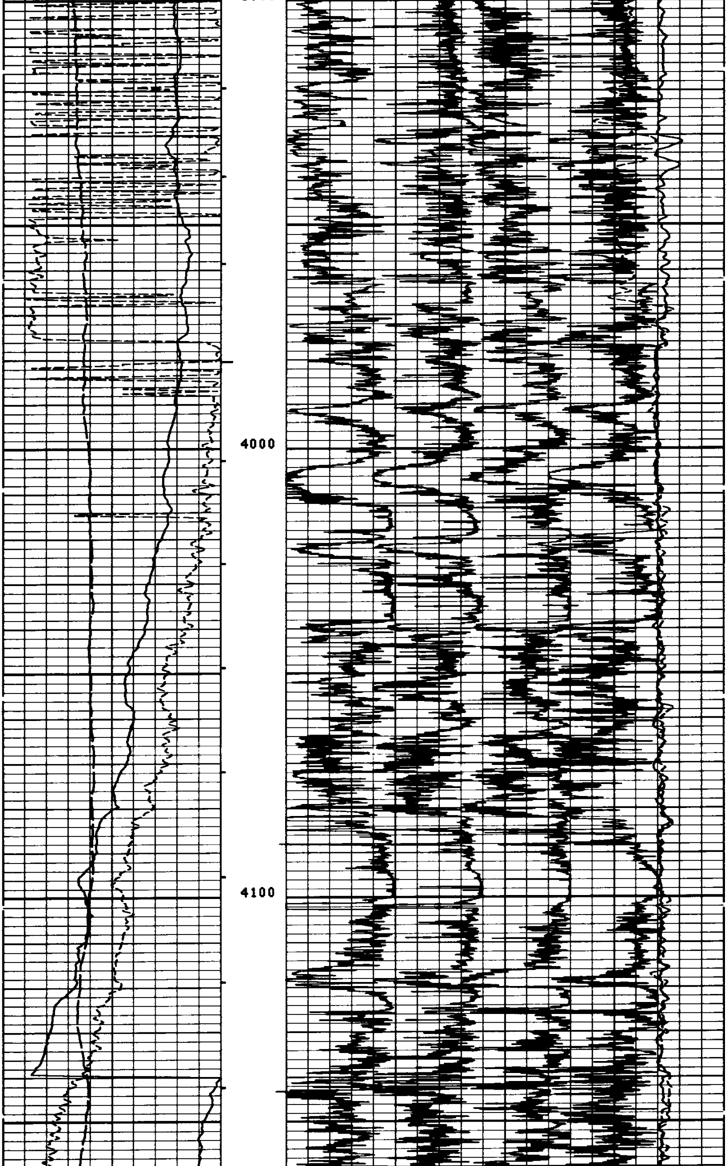


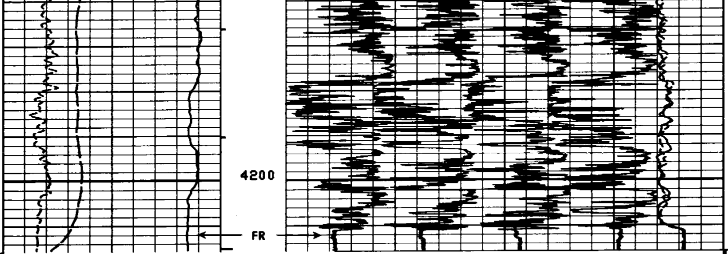
7-05-83 [illegible]





7-05-83 282546





FILE

2

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	8.75000	IN
STYP	HDSD		MCT	36	DEG
DO	0.0	F	BHS	OPEN	

REPEAT SECTION

CHANGED PARAMETERS

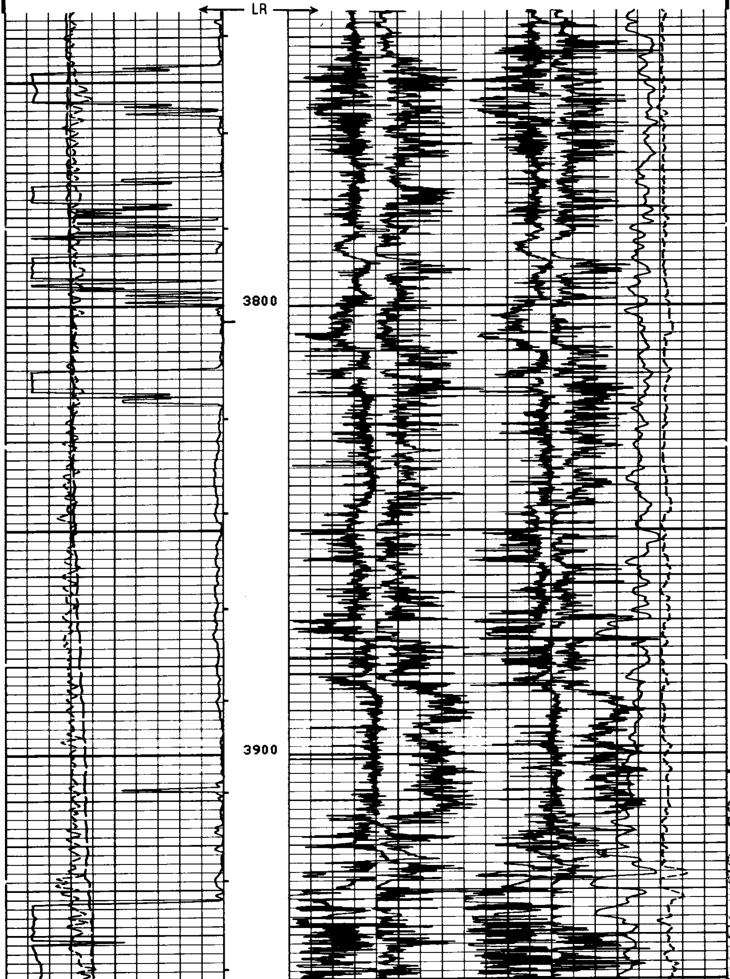
NAME	VALUE	UNIT	NAME	VALUE	UNIT
VHOL	132.951	F3			

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

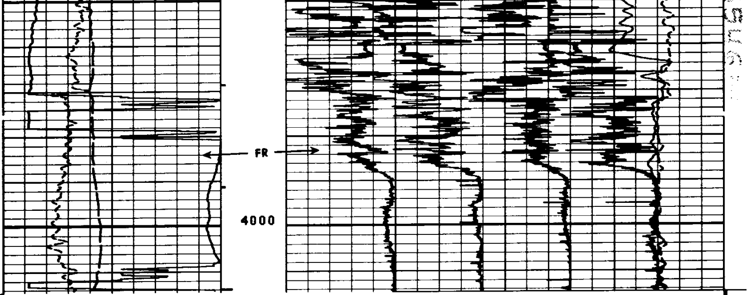
C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

FILE

4



7-05-83



FILE

4

DEVI(DEG)			C2 (IN)	
-1.000	9.0000			
RB (DEG)				
-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

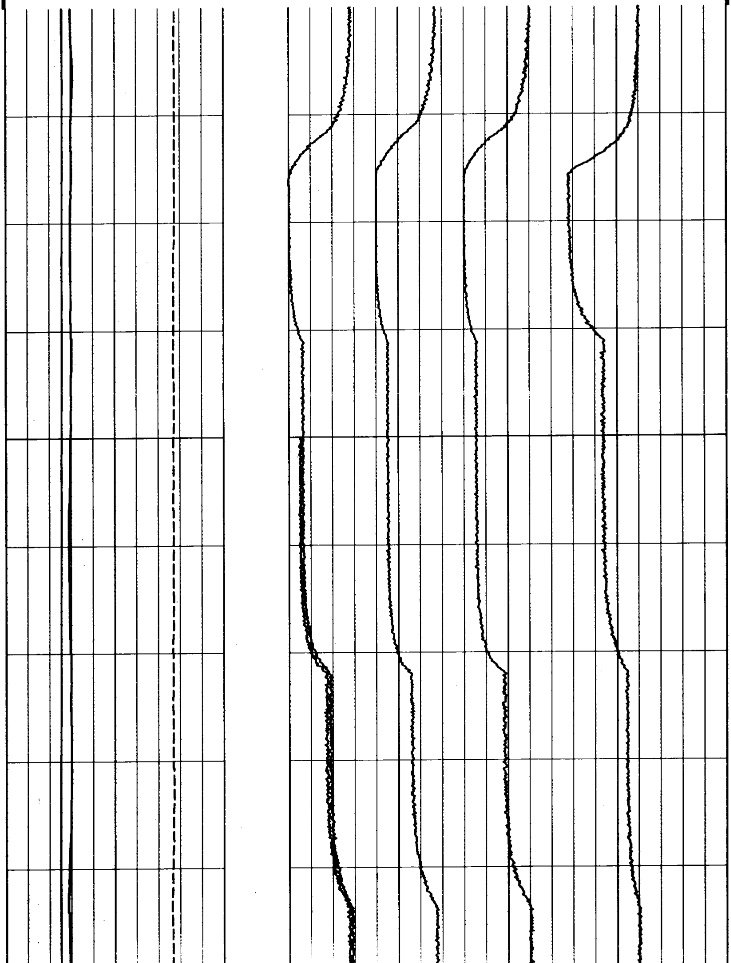
RB	.0	FEET	AZIM	.0	FEET
FEP1	.0	FEET	DEVI	.0	FEET
REFE	.0	FEET	FEP2	.0	FEET
EMEX	.0	FEET	RC	.0	FEET
C2	.0	FEET	C1	.0	FEET
RC2	.0	FEET	RC1	.0	FEET
TEMP	.0	FEET	PP	.0	FEET
FC0	.0	FEET	TENS	.0	FEET
FC2	.0	FEET	FC1	.0	FEET
FC4	.0	FEET	FC3	.0	FEET
SHDT	.0	FEET			

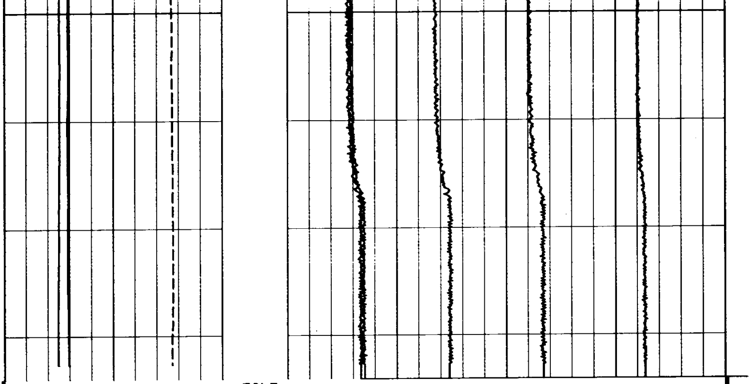
PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PVUM	1.00000		BS	8.75000	IN
STYP	HDSD		MCT	36	DEG
DD	0.0	F	BHS	OPEN	

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

FILE





FILE

3

DEVI(DEG)		C2 (IN)	
-1.000	9.0000		
RB (DEG)			
-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			

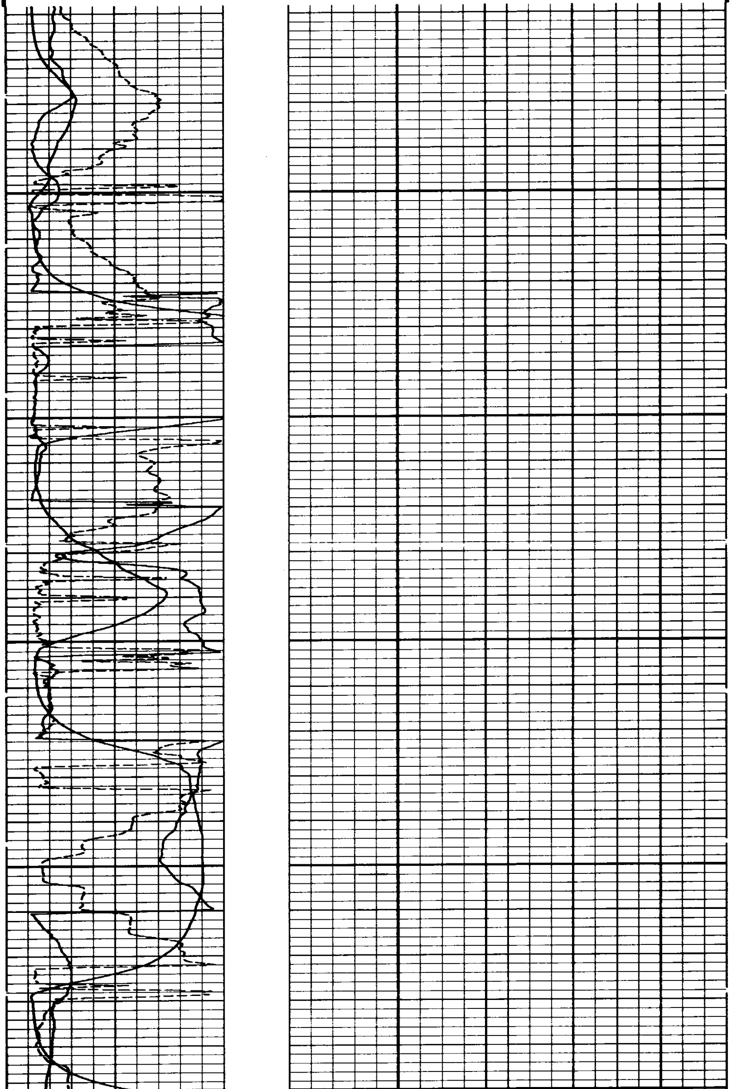
PARAMETERS

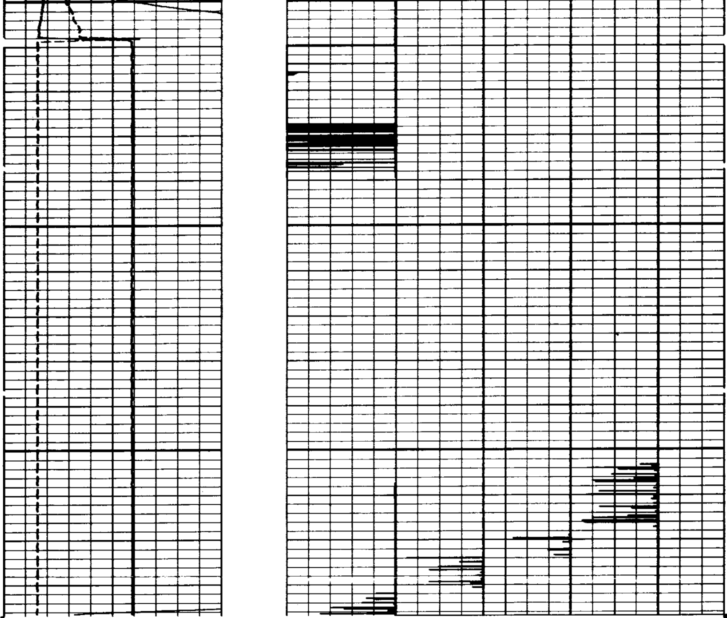
NAME	VALUE	UNIT	NAME	VALUE	UNIT
PVUM	1.00000		BS	8.75000	IN
STYP	HDSD		MCT	36	DEG
DO	0.0	F	BHS	OPEN	

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

FILE

2





FILE

2

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	8.75000	IN
STYP	HDSD		MCT	36	DEG
DO	0.0	F	BHS	OPEN	

```
                 BEFORE SURVEY CALIBRATION SUMMARY


     PERFORMED:      83/06/01
     PROGRAM FILE: HDT    (VERSION    22.4    82/09/01)


   HDT                  CALIPER CALIBRATION SUMMARY

                 MEASURED                     CALIBRATED
              SMALL   LARGE              SMALL     LARGE        UNITS
       C1      7.9    12.6                8.0      12.0          IN
       C2      7.9    12.8                8.0      12.0          IN
                         FILE

                           1
```

CALIBRATION RECORD

COMPANY DIAMOND SHAMROCK CORPORATION

WELL CLATSOP COUNTY NO. 33-11

FIELD WEST MIST

COUNTY CLATSOP STATE OREGON

SCHL. FR 4212

SCHL. TD 4219

DRLR. TD 4223

Elev: KB 940

DF - -

GL 928