1 : 200

Schlumberger

GL04496 ASCENSION # 1 DIPMETER

CSU Field Log

COMPANY: UNIVERSITY OF UTAH RESEARCH INSTITUTE

WELL: ASCENSION # 1

FIELD: ASCENSION ISLAND

LOCATION: ASCENSION ISLAND
SOUTH ATLANTIC

LATITUDE: 07 57 06 S
LONGITUDE: 14 22 30 W

PERMANENT DATUM: M. S. L.
ELEV. OF PERM. DATUM: 0.0 F
LOG MEASURED FROM: KB
596.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 596.0 F
DF: 595.0 F
GL: 573.0 F

DATE: 2 JUN 87
RUN NO: 1

DEPTH-DRILLER: 10172.0 F
DEPTH-LOGGER: 5850.0 F
BTM. LOG INTERVAL: 5790.0 F
TOP LOG INTERVAL: 4544.0 F

CASING-DRILLER:	1706.0 F	4548.0 F	
CASING-LOGGER:		4544.0 F	
CASING:	11 3/4"	7 5/8"	
WEIGHT:	47.0000 LB/F	26.4000 LB/F	
BIT SIZE:	14 3/4"	10 5/8"	6 3/4"
DEPTH:	1760.0 F	4605.0 F	10172.0 F

OTHER SERVICES-
NONE

PROGRAM
TAPE NO:
28.4
SERVICE
ORDER NO:
ASC 00287

TYPE FLUID IN HOLE: SALT WATER

TIME CIRC. STOPPED: 06:00 02/06
TIME LOGGER ON BTM.: 16:50 02/06

MAX. REC. TEMP: 264.0 DEGF

LOGGING UNIT NO: 773
LOGGING UNIT LOC: ASC
RECORDED BY: DAVID WYLLIE
WITNESSED BY: MR. DENNIS NIELSON

REMARKS:

MAXIMUM DEVIATION 38 DEG @ 9656 FT.
TENSION PRESENTED IN DEPTH TRACK IN INCREMENTS OF 1000 LB.
MAGNETIC DECLINATION -20 DEGREES (CLIENT)
DEVIATION NOT WORKING. DEVIATION SURVEY FROM CLIENT
ATTACHED TO LOG
TOOL HELD UP AT 5850 FT.
SECTION BETWEEN 4850 AND 4760 NOT LOGGED BECAUSE OF
TENSION OVERPULLS.(AT CLIENTS REQUEST)

EQUIPMENT NUMBERS-

HDS H 837	HDM L 818	HDH E 851	HDE F 1726
DAM A 996	GEU 2718	CPU 4704	

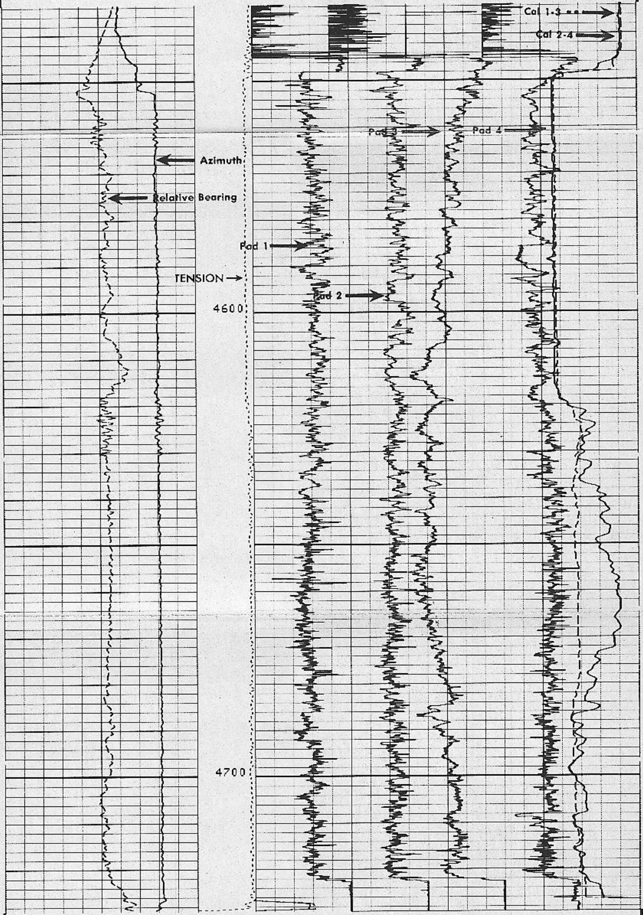
ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS,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

CP 28.4 FILE 7 02-JUN-87 16:58

RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

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

CP 28.4 1:200 FILE 6 02-JUN-87 16:32 REPEAT SECTION



CP 28.4 1:200 FILE 6 02-JUN-87 16:25 REPEAT SECTION

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 TOOL ZERO

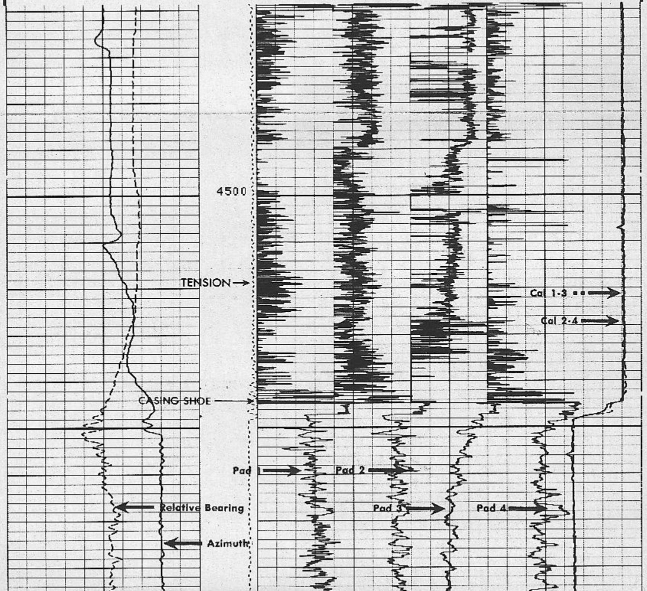
C1	0.0	FEET	C2	0.0	FEET
PP	0.0	FEET	TEMP	0.0	FEET
RC	0.0	FEET	EMEX	0.0	FEET
FEP2	0.0	FEET	REFE	0.0	FEET
DEVI	0.0	FEET	FEP1	0.0	FEET
AZIM	0.0	FEET	RB	0.0	FEET
RC1	0.0	FEET	RC2	0.0	FEET
SHDT	0.0	FEET	TENS	0.0	FEET
FC3	0.0	FEET	FC4	0.0	FEET
FC1	0.0	FEET	FC2	0.0	FEET
FC0	0.0	FEET			

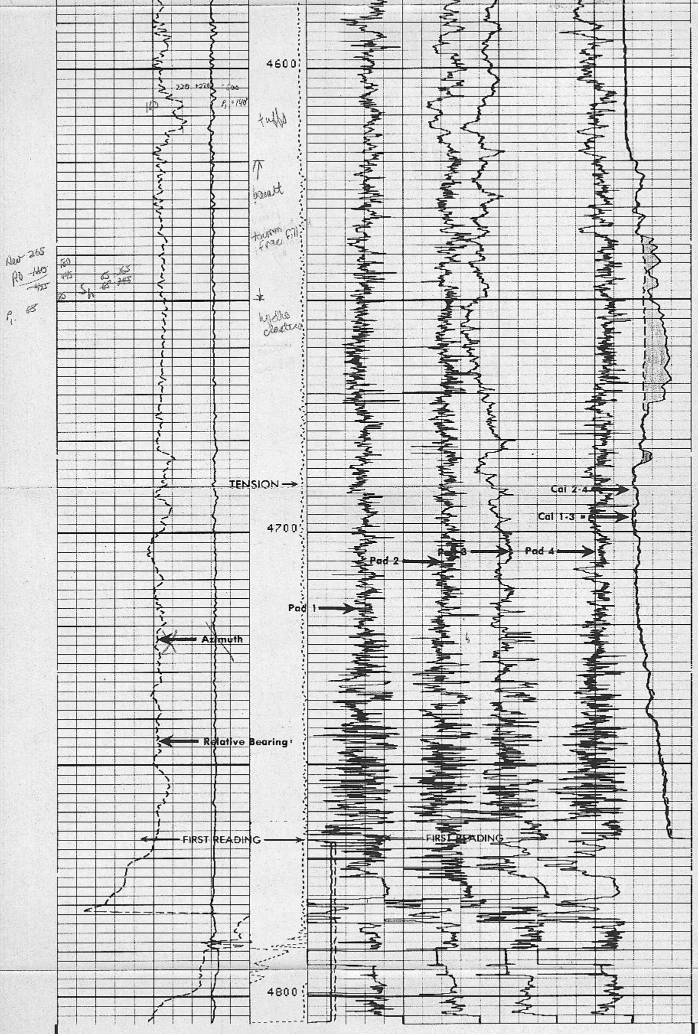
PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
					DEG
MCT	72				
BHS	OPEN		STYP	HDSF	
BS	6.75000	IN			

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

CP 28.4 1:200 FILE 5 02-JUN-87 16:20 MAIN LOG





CP 28.4 1:200 FILE 5 02-JUN-87 16:12 MAIN LOG

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 TOOL ZERO

C1	0.0	FEET	C2	0.0	FEET
PP	0.0	FEET	TEMP	0.0	FEET
RC	0.0	FEET	EMEX	0.0	FEET
FEP2	0.0	FEET	REFE	0.0	FEET
DEVI	0.0	FEET	FEP1	0.0	FEET
AZIM	0.0	FEET	RB	0.0	FEET
RC1	0.0	FEET	RC2	0.0	FEET
SHDT	0.0	FEET	TENS	0.0	FEET
FC3	0.0	FEET	FC4	0.0	FEET
FC1	0.0	FEET	FC2	0.0	FEET
FC0	0.0	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
MCT	72				DEG
BHS	OPEN		STYP	HDSF	
BS	6.75000	IN			

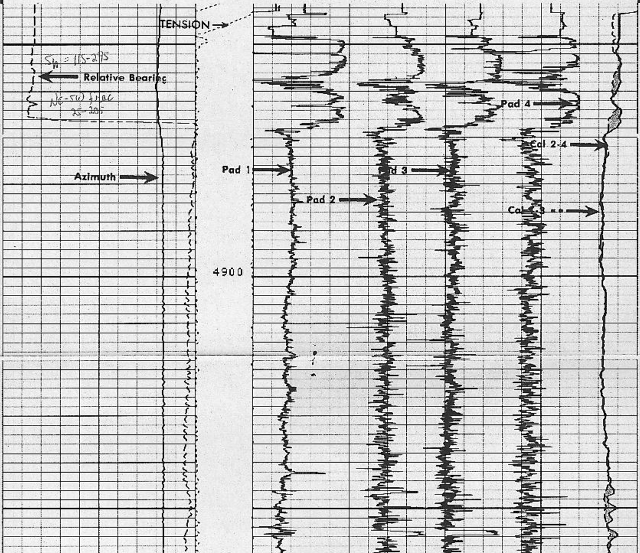
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

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

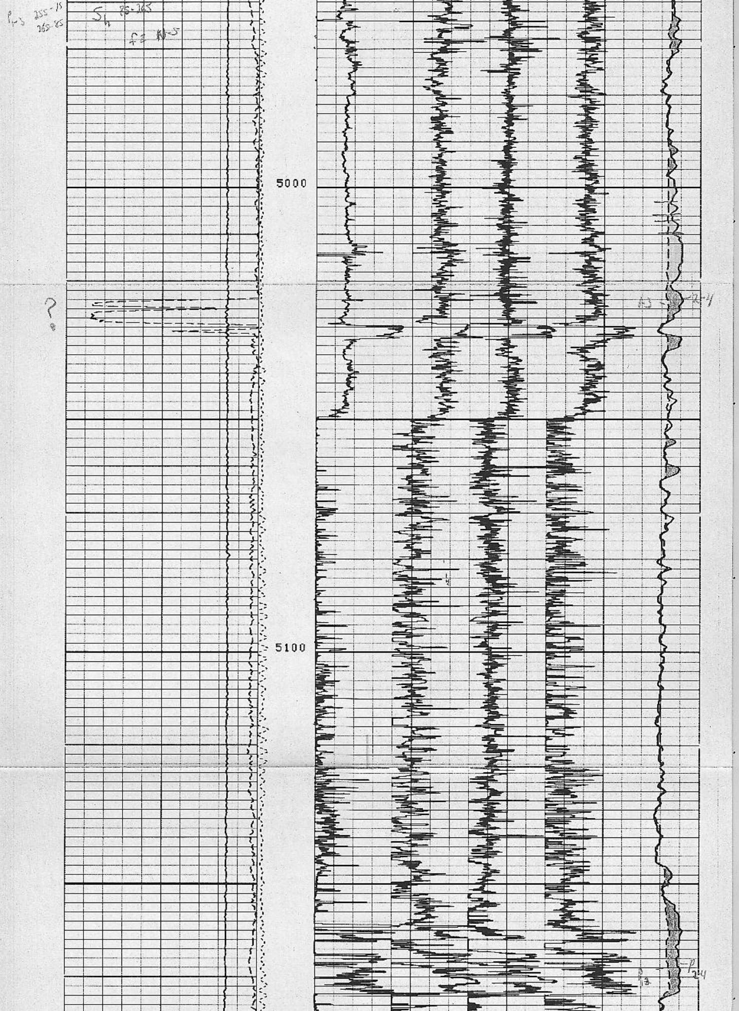
1:200 MAIN LOG

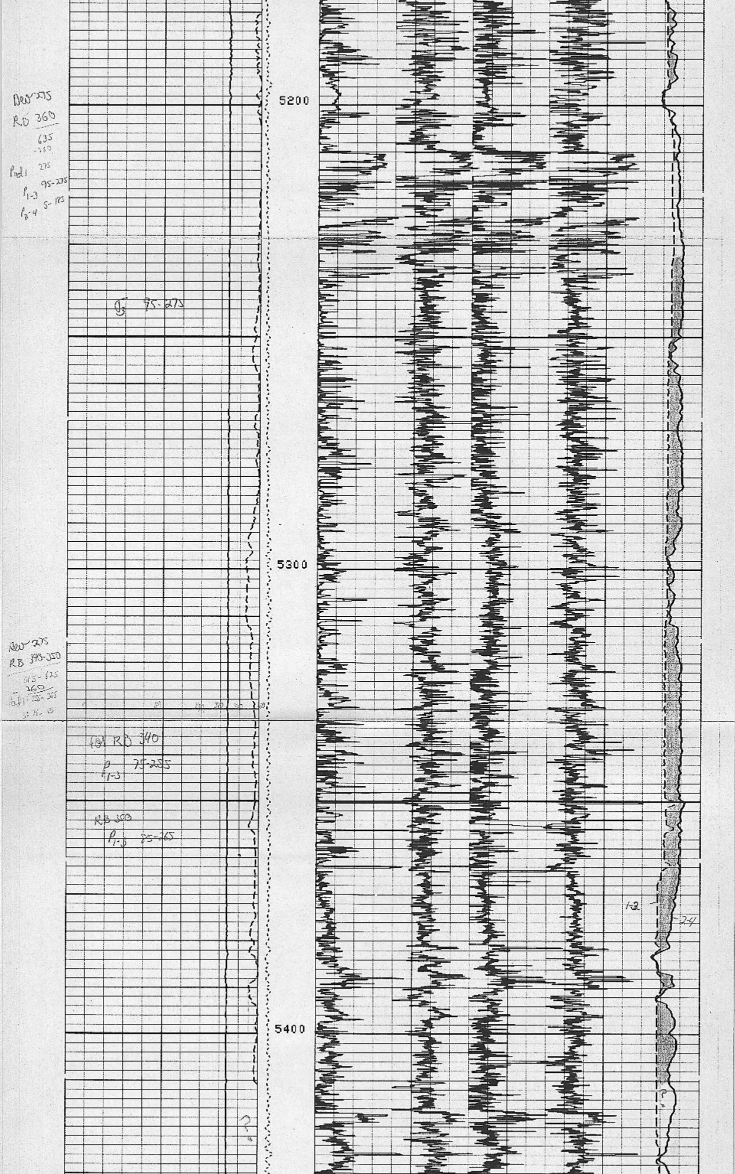
CP 28.4 FILE 4 02-JUN-87 16:10

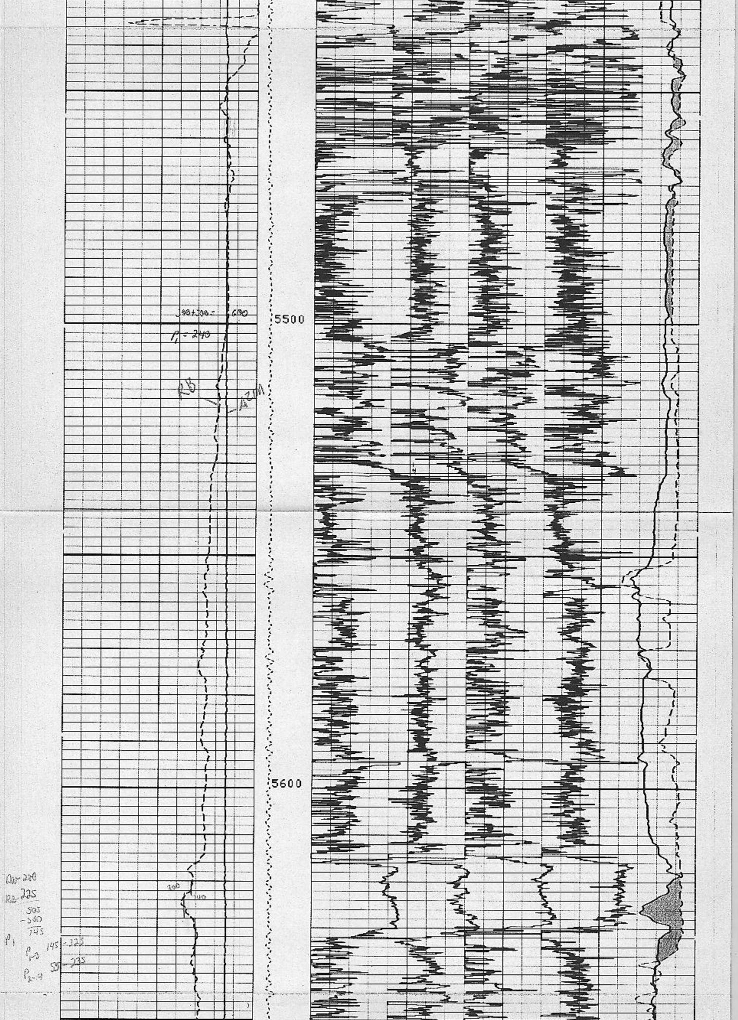
275
20
295

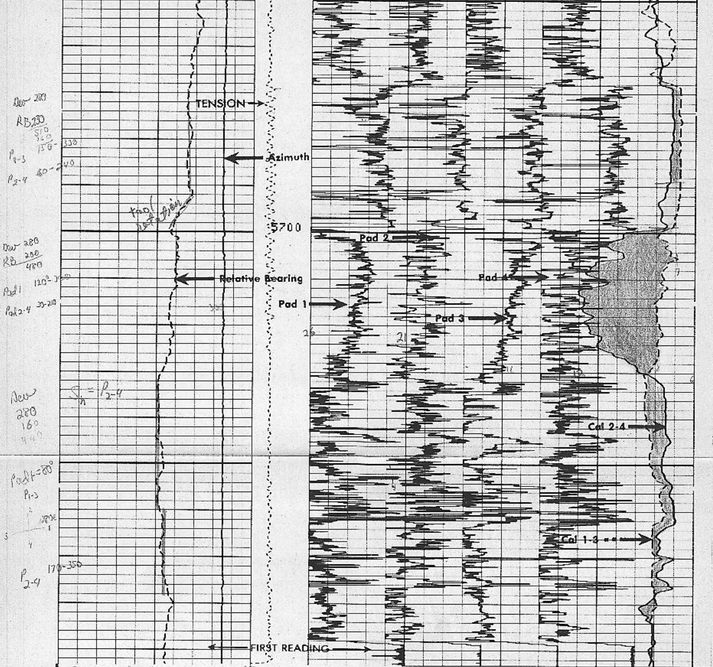


Azi 275
RB
340-350









0 120 160 240 360

CP 28.4 1:200 FILE 4 02-JUN-87 15:47 MAIN LOG

RB (DEG)	
-40.00	360.00
AZIM(DEG)	
-40.00	360.00

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

115
190 7000

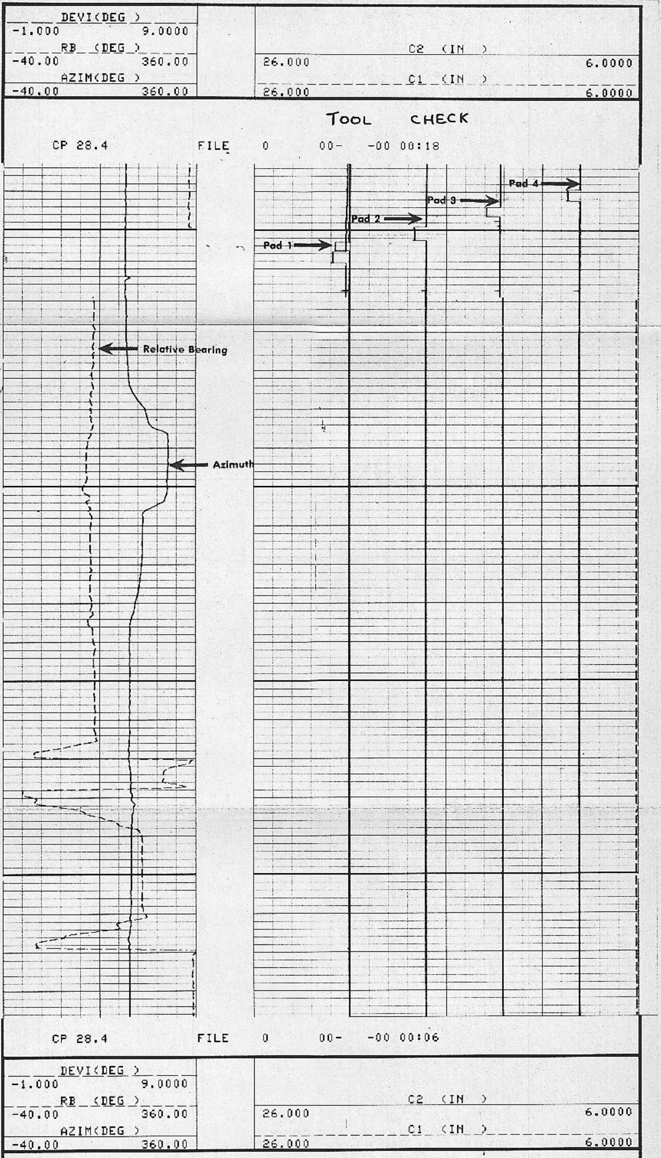
SENSOR MEASURE POINT TO TOOL ZERO

C1	0.0	FEET	C2	0.0	FEET
PP	0.0	FEET	TEMP	0.0	FEET
RC	0.0	FEET	EMEX	0.0	FEET
FEP2	0.0	FEET	REFE	0.0	FEET
DEVI	0.0	FEET	FEP1	0.0	FEET
AZIM	0.0	FEET	RB	0.0	FEET
RC1	0.0	FEET	RC2	0.0	FEET
SHDT	0.0	FEET	TENS	0.0	FEET
FC3	0.0	FEET	FC4	0.0	FEET
FC1	0.0	FEET	FC2	0.0	FEET
FC0	0.0	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
MCT	72		MDEC	0	DEG
BHS	OPEN		STYP	HDSF	
BS	6.75000	IN			

TOOL CHECK



SENSOR MEASURE POINT TO TOOL ZERO

```
C1    0.0  FEET                 C2    0.0  FEET
PP    0.0  FEET                 TEMP  0.0  FEET
RC    0.0  FEET                 EMEX  0.0  FEET
FEP2  0.0  FEET                 REFE  0.0  FEET
DEVI  0.0  FEET                 FEP1  0.0  FEET
AZIM  0.0  FEET                 RB    0.0  FEET
RC1   0.0  FEET                 RC2   0.0  FEET
SHDT  0.0  FEET                 TENS  0.0  FEET
FC3   0.0  FEET                 FC4   0.0  FEET
FC1   0.0  FEET                 FC2   0.0  FEET
FC0   0.0  FEET
```

PARAMETERS

```
NAME  VALUE      UNIT                NAME  VALUE      UNIT

MCT  72                                               DEG
BHS  OPEN                            STYP HDSF
BS   8.00000     IN
```

INCLINOMETRY LIST

```
TIE DEPTH

  MEAS.DEPTH =    0.0 FEET     DEVI =  1.00 DEG     TVD =      0.0 FEET

INCL DATA

  MEAS.DEPTH =  263.0 FEET     DEVI =  1.00 DEG     TVD =    263.0 FEET
  MEAS.DEPTH =  805.0 FEET     DEVI =  1.42 DEG     TVD =    804.8 FEET
  MEAS.DEPTH = 2589.0 FEET     DEVI =  1.83 DEG     TVD =   2588.1 FEET
  MEAS.DEPTH = 4005.0 FEET     DEVI =  2.83 DEG     TVD =   4002.9 FEET
  MEAS.DEPTH = 4626.0 FEET     DEVI =  4.00 DEG     TVD =   4622.8 FEET
  MEAS.DEPTH = 5000.0 FEET     DEVI =  6.83 DEG     TVD =   4995.1 FEET
  MEAS.DEPTH = 5373.0 FEET     DEVI = 10.83 DEG     TVD =   5363.6 FEET
  MEAS.DEPTH = 5745.0 FEET     DEVI = 14.42 DEG     TVD =   5726.6 FEET
  MEAS.DEPTH = 6116.0 FEET     DEVI = 18.00 DEG     TVD =   6082.8 FEET
  MEAS.DEPTH = 6488.0 FEET     DEVI = 21.83 DEG     TVD =   6432.5 FEET
  MEAS.DEPTH = 6863.0 FEET     DEVI = 28.00 DEG     TVD =   6772.4 FEET
  MEAS.DEPTH = 7236.0 FEET     DEVI = 34.00 DEG     TVD =   7092.0 FEET
  MEAS.DEPTH = 7611.0 FEET     DEVI = 36.83 DEG     TVD =   7397.6 FEET
  MEAS.DEPTH = 7987.0 FEET     DEVI = 21.83 DEG     TVD =   7724.5 FEET
  MEAS.DEPTH = 8301.0 FEET     DEVI = 21.83 DEG     TVD =   8016.0 FEET
  MEAS.DEPTH = 8654.0 FEET     DEVI = 24.25 DEG     TVD =   8340.8 FEET
  MEAS.DEPTH = 9000.0 FEET     DEVI = 30.83 DEG     TVD =   8647.4 FEET
  MEAS.DEPTH = 9300.0 FEET     DEVI = 34.83 DEG     TVD =   8899.5 FEET
  MEAS.DEPTH = 9656.0 FEET     DEVI = 38.00 DEG     TVD =   9185.9 FEET
```

BEFORE SURVEY CALIBRATION SUMMARY

```
 PERFORMED:    02-JUN-87 10:04
 PROGRAM FILE: HDT    (VERSION    28.4    85/11/11)

HDTF               CALIPER CALIBRATION SUMMARY

             MEASURED                       CALIBRATED
          SMALL    LARGE                 SMALL      LARGE          UNITS
    C1     8.16    20.6                   6.00       16.0           IN
    C2    20.45     7.8                  16.00        6.0           IN

   CP 28.4            FILE    0      02-JUN-87 10:04
```

Schlumberger

ASCENSION # 1 DIPMETER

CSU Field Log