Schlumberger

HIGH RESOLUTION DIPMETER

CSU Field Log

COMPANY: ARCO OIL AND GAS COMPANY

WELL: LONGVIEW FIBRE #23-25

FIELD: MIST GAS FIELD
COUNTY: COLUMBIA
STATE: OREGON

LOCATION: 3050'S & 1800'E OF THE
NW CORNER OF
SEC: 25 TWP: 6N RGE: 5W

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 900.0 F
LOG MEASURED FROM: KB
12.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 912.0 F
DF:
GL: 900.0 F

DATE: 8 DEC 85
RUN NO: 1

DEPTH-DRILLER: 1978.0 F
DEPTH-LOGGER: 1976.0 F
BTM. LOG INTERVAL: 1975.0 F
TOP LOG INTERVAL: 420.0 F

CASING-DRILLER: 417.0 F
CASING-LOGGER: 417.0 F
CASING: 9.625
WEIGHT:
BIT SIZE: 8.75
DEPTH: 1978.0 F

RECEIVED
DEC 10 1985
DOGAMI
Portland

OTHER SERVICES-
DIL-BHC-GR
FDC-CNL-GR
SAT
SWS

PROGRAM
TAPE NO:
28.2A
SERVICE
ORDER NO:
450596

TYPE FLUID IN HOLE: GEL POLYMER
DENSITY: 13.10 LB/G
VISCOSITY: 50.0 S
PH: 9.8
FLUID LOSS: 5.2 C3
SOURCE OF SAMPLE: FLOWLINE
RM: 4.310 OHMM AT 62.0 DEGF
RMF: 4.150 OHMM AT 47.0 DEGF
RMC: 5.450 OHMM AT 52.0 DEGF
SOURCE RMF/RMC: MEASURED/MEASURED
RM AT BHT: 3.341 OHMM AT 82.0 DEGF
RMF AT BHT: 2.518 OHMM AT 82.0 DEGF
RMC AT BHT: 3.613 OHMM AT 82.0 DEGF

TIME CIRC. STOPPED: 0000 12-8
TIME LOGGER ON BTM.: 0300 12-8

MAX. REC. TEMP: 82.0 DEGF

LOGGING UNIT NO: 8126
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: REINIG
WITNESSED BY: ANDERSON

REMARKS:

INTEGRATED HOLE VOLUME = 696.5 F3
INTEGRATED CEMENT VOLUME = 524.5 F3

EQUIPMENT NUMBERS-

HDE-CB 2996 HDM-F 1726 HDS-D 1954 DAM-A 958

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 28.2A FILE 7 08-DEC-85 04:42
DATA ACQUIRED 08-DEC-85 04:14

EVENT MARK SUMMARY:

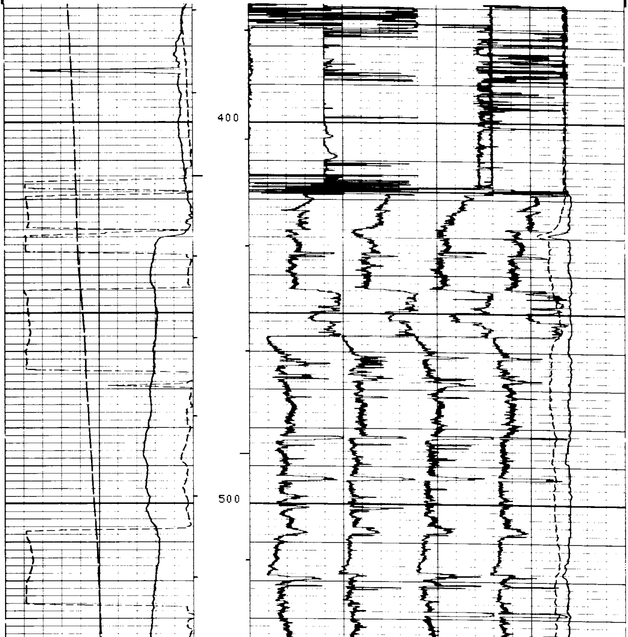
OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
IHV	10.0000 F3	LEFT EDGE
ICV	10.0000 F3	RIGHT EDGE

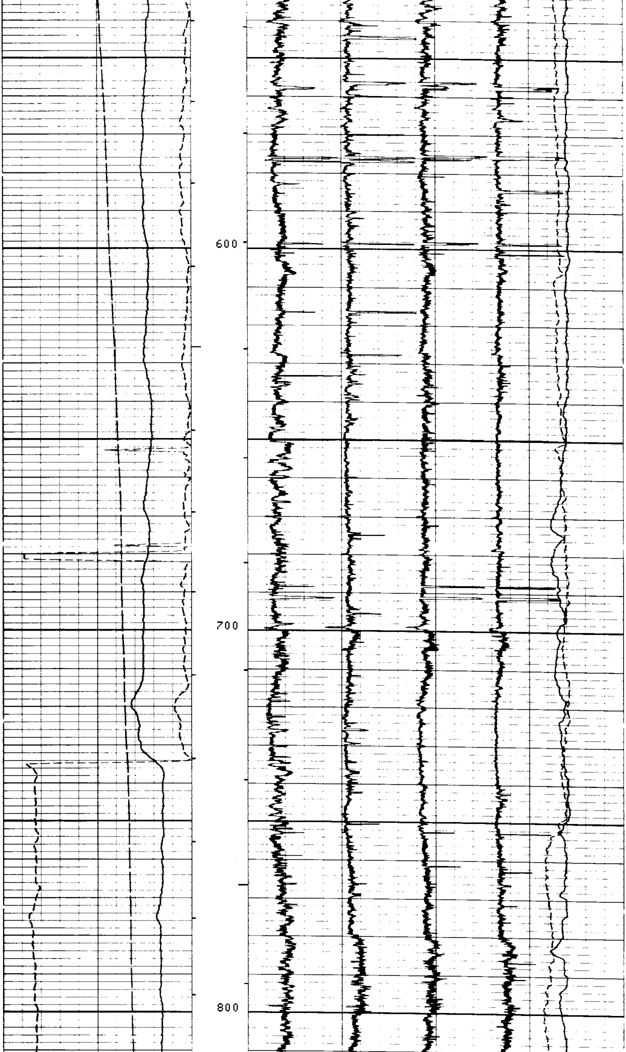
CEMENT VOLUME = 524.471 F3
HOLE VOLUME = 696.548 F3
FROM 1976.0 TO 417.9 FEET

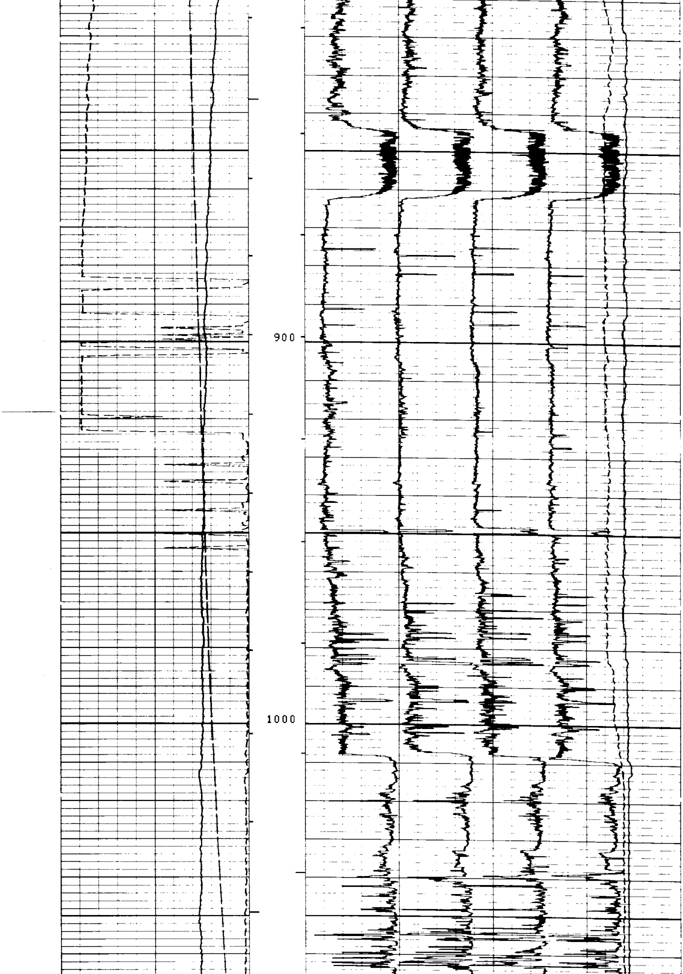
DEVI(DEG) -4.000 36.000
RB (DEG) -40.00 360.00
AZIM(DEG) -40.00 360.00

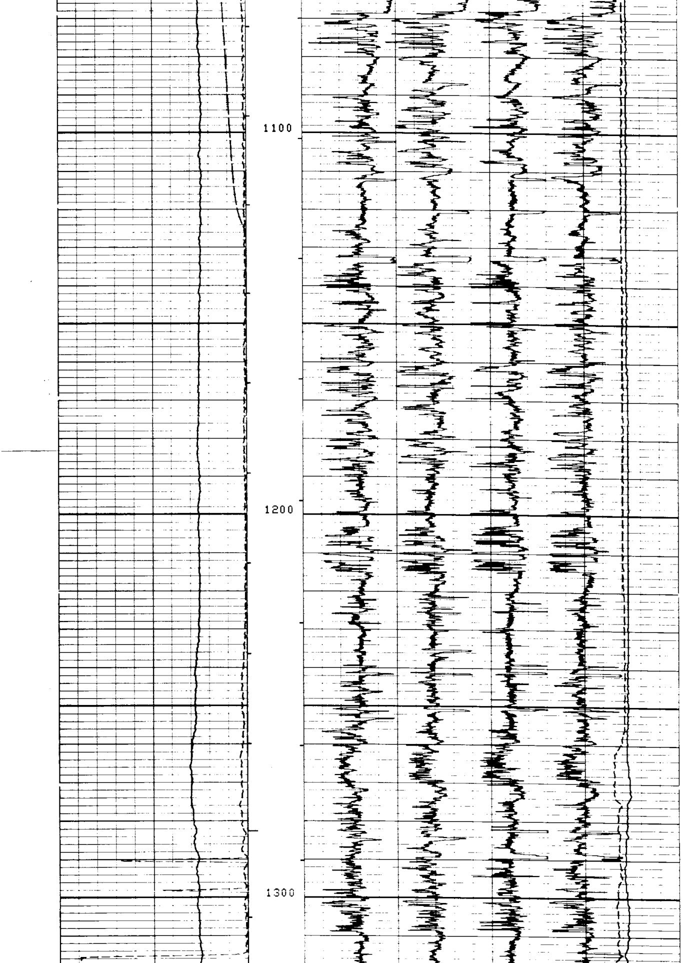
C2 (IN) 26.000 6.0000
C1 (IN) 26.000 6.0000

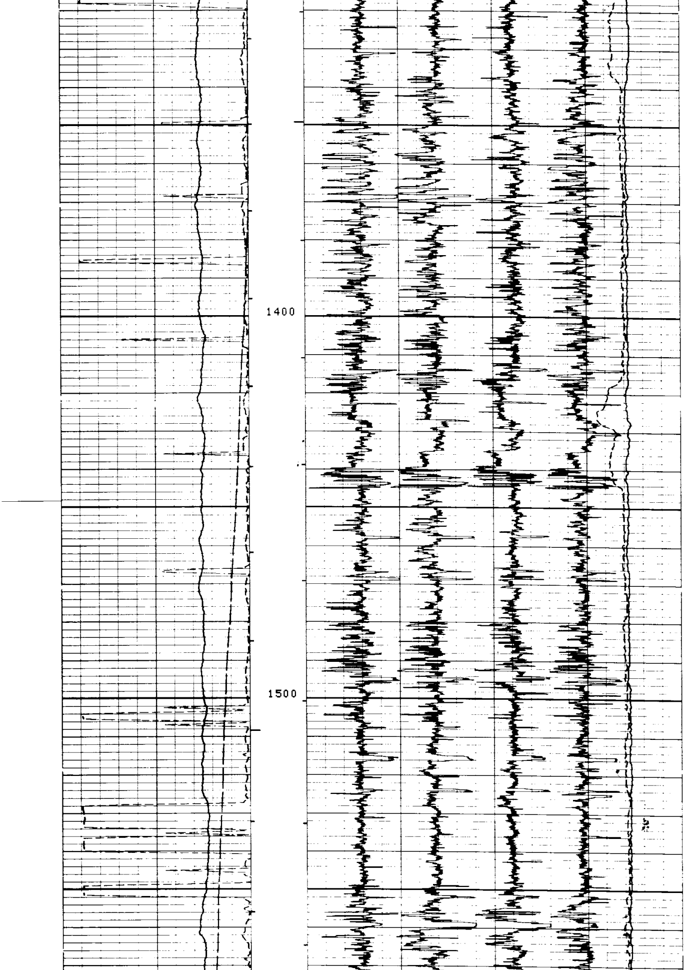
CP 28.2A FILE 7 08-DEC-85 04:15

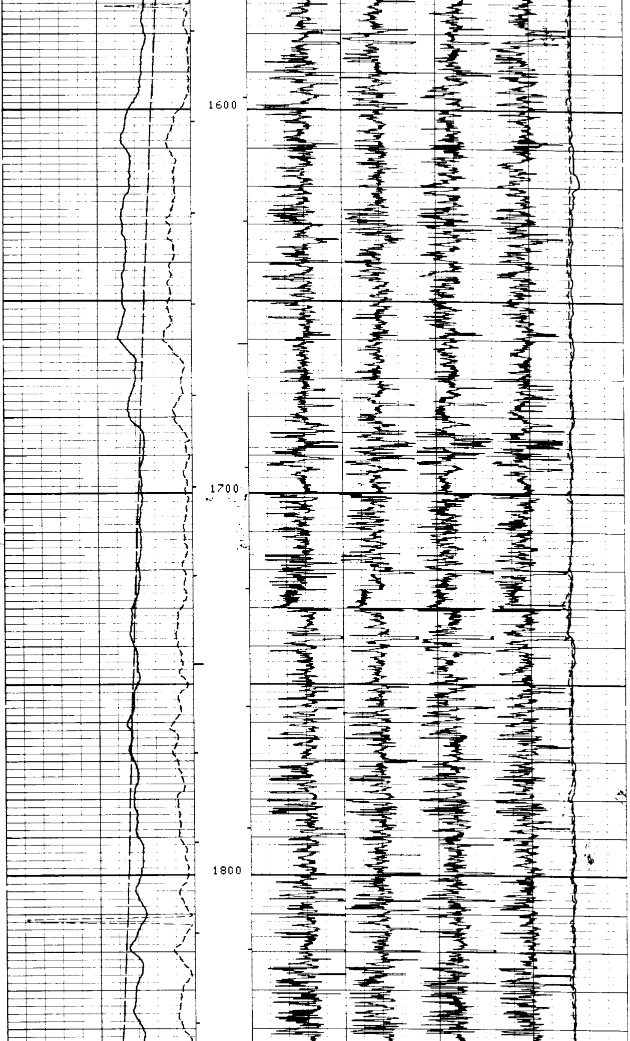


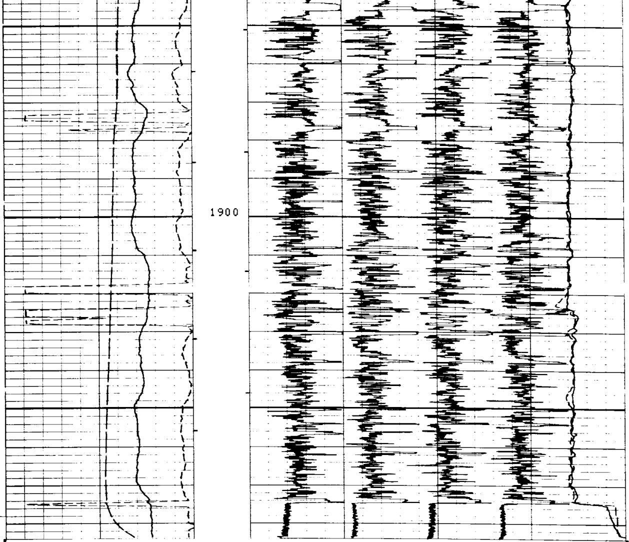












CP 28.2A FILE 7 08-DEC-85 03:40

DEVI(DEG)			
-4.000	36.000		
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
MCT	36		MDEC	20	DEG
BHS	OPEN		STYP	HDSD	
BS	8.75000	IN			

EVENT MARK SUMMARY:

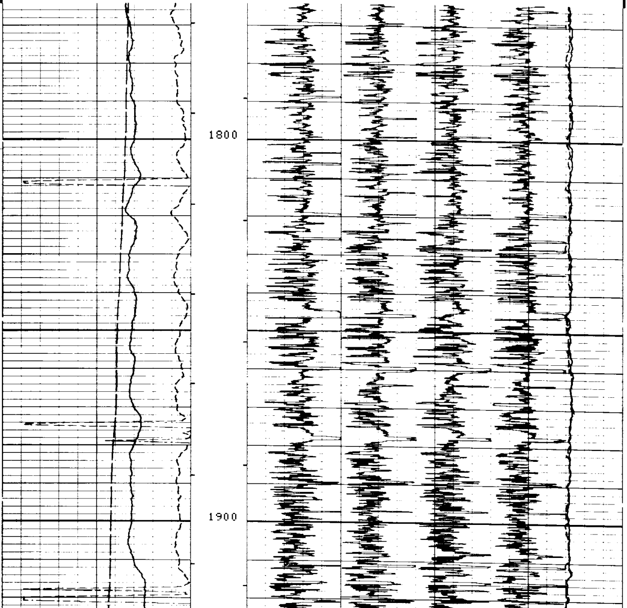
OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
IHV	10.0000 F3	LEFT EDGE
ICV	10.0000 F3	RIGHT EDGE

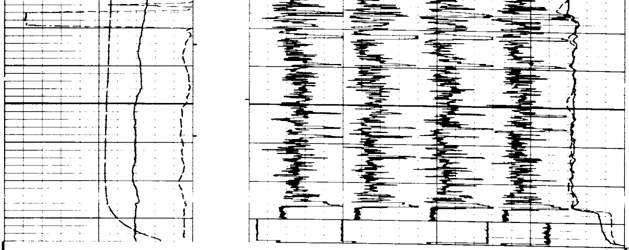
CEMENT VOLUME = 67.9521 F3
HOLE VOLUME = 92.4268 F3
FROM 1985.6 TO 1764.0 FEET

DEVI(DEG)
-4.000 36.000
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 28.2A FILE 6 08-DEC-85 03:39





CP 28.2A FILE 6 08-DEC-85 03:33

DEVI(DEG)
-4.000 36.000
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			

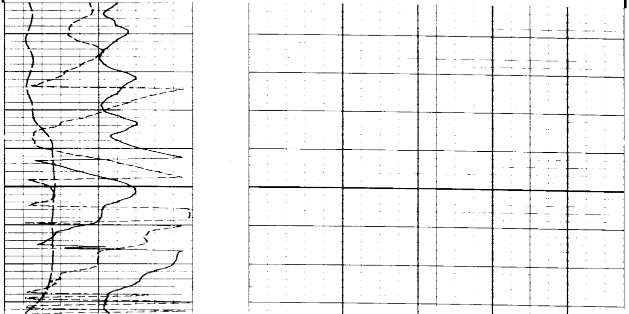
PARAMETERS

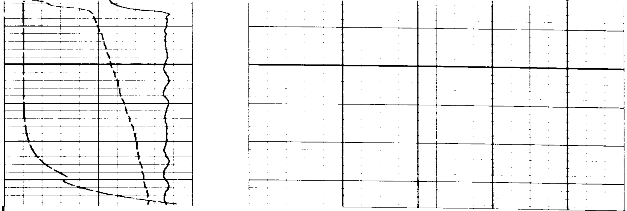
NAME	VALUE	UNIT	NAME	VALUE	UNIT
MCT	36		MDEC	20	DEG
BHS	OPEN		STYP	HDSD	
BS	8.75000	IN			

DEVI(DEG)
-4.000 36.000
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 28.2A FILE 4 08-DEC-85 02:26





CP 28.2A FILE 4 08-DEC-85 02:24

DEVI(DEG)
-4.000 36.000
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	36		MDEC	16	DEG
BHS	OPEN		STYP	HDSD	
BS	8.75000	IN			

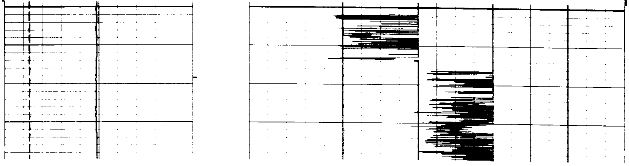
EVENT MARK SUMMARY:

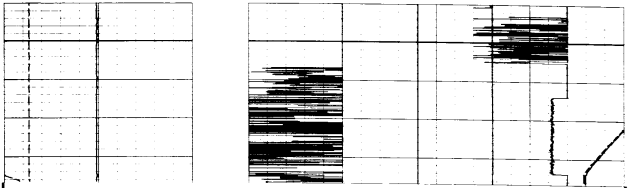
OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
IHV	10.0000 F3	LEFT EDGE
ICV	10.0000 F3	RIGHT EDGE

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

CP 28.2A FILE 2 07-DEC-85 21:09





CP 28.2A FILE 2 07-DEC-85 21:06

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 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	36		MDEC	16	DEG
BHS	OPEN		STYP	HDSD	
BS	8.75000	IN			

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 07-DEC-85 21:05
PROGRAM FILE: HDT (VERSION 28.2A 85/10/26)

HDTD CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
C1	6.27	12.9	6.00	12.0	IN
C2	6.66	13.2	6.00	12.0	IN

CP 28.2A FILE 1 07-DEC-85 21:05