Schlumberger

DIPMETER

CSU Field Log

COMPANY:	ARCO EXPLORATION AND TECH.
WELL:	CROWN ZELLERBACH 23-15
FIELD:	PITTSBURG
COUNTY:	COLUMBIA
STATE:	OREGON
NATION:	USA
LOCATION:	841.09'S & 1799.72'E OF W 1/4 COR

SEC: 15 TWP: 5N RGE: 5W

OTHER SERVICES-
DIL
SLT
FDC CNL GR

PERMANENT DATUM:	GL
ELEV. OF PERM. DATUM:	720.9 F
LOG MEASURED FROM:	KB
20.0 F	ABOVE PERM. DATUM
DRLG. MEASURED FROM:	KB

ELEVATIONS-
KB: 740.9 F
DF:
GL: 720.9 F

PROGRAM
TAPE NO:
28.2A
SERVICE
ORDER NO:
432363

DATE:	7 DEC 85
RUN NO:	1

DEPTH-DRILLER:	2770.0 F
DEPTH-LOGGER:	2748.0 F
BTM. LOG INTERVAL:	2748.0 F
TOP LOG INTERVAL:	420.0 F
CASING-DRILLER:	420.0 F
CASING-LOGGER:	420.0 F
CASING:	
WEIGHT:	
BIT SIZE:	8.75
DEPTH:	

RECEIVED
DEC 10 1985
DOGAMI
Portland

TYPE FLUID IN HOLE:	MULTI DESCO
DENSITY:	9.00 LB/G
VISCOSITY:	40.0 S
PH:	8.5
FLUID LOSS:	8.0 C3
SOURCE OF SAMPLE:	FLOWLINE
RM:	2.330 OHMM AT 60.0 DEGF
RMF:	2.950 OHMM AT 44.0 DEGF
RMC:	3.090 OHMM AT 49.0 DEGF
SOURCE RMF/RMC:	MEAS/MEAS
RM AT BHT:	1.561 OHMM AT 93.0 DEGF
RMF AT BHT:	1.505 OHMM AT 93.0 DEGF
RMC AT BHT:	1.730 OHMM AT 93.0 DEGF
TIME CIRC. STOPPED:	21:00 12/6
TIME LOGGER ON BTM.:	06:00 12/7
MAX. REC. TEMP:	93.0 DEGF
LOGGING UNIT NO:	8126
LOGGING UNIT LOC:	SACRAMENTO
RECORDED BY:	KUNKLER
WITNESSED BY:	ANDERSON

REMARKS:

CHLORIDES: 300 PPM
36 DEGREE MECH. UNIT

EQUIPMENT NUMBERS-

HDE CB 2996 HDM F 1726 HDS 1954

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.

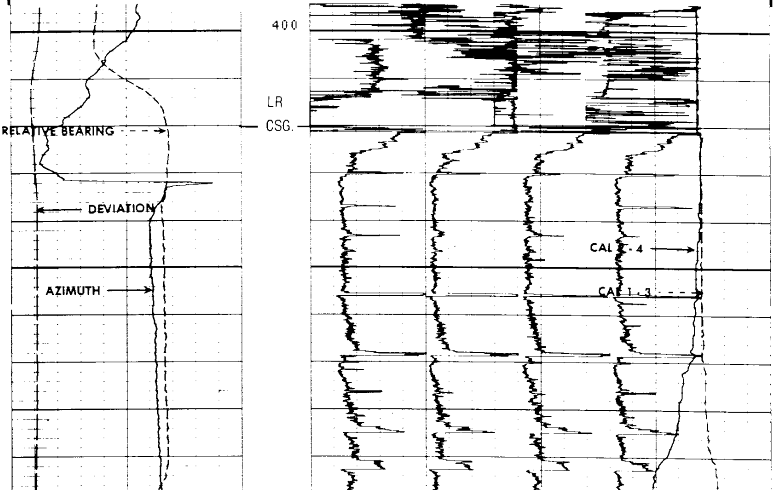
CP 28.2A FILE 8 07-DEC-85 10:22
DATA ACQUIRED NA

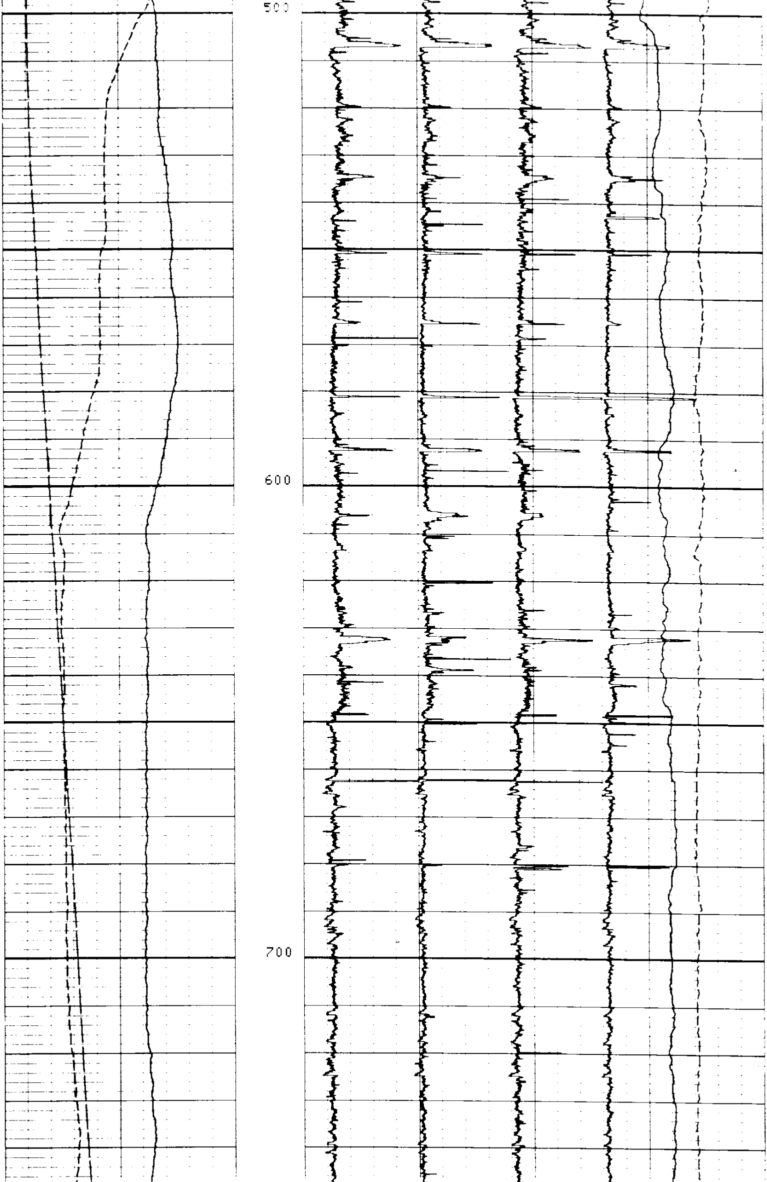
CEMENT VOLUME = 700.220 F3
HOLE VOLUME = 1089.02 F3
FROM 2750.9 TO 393.9 FEET

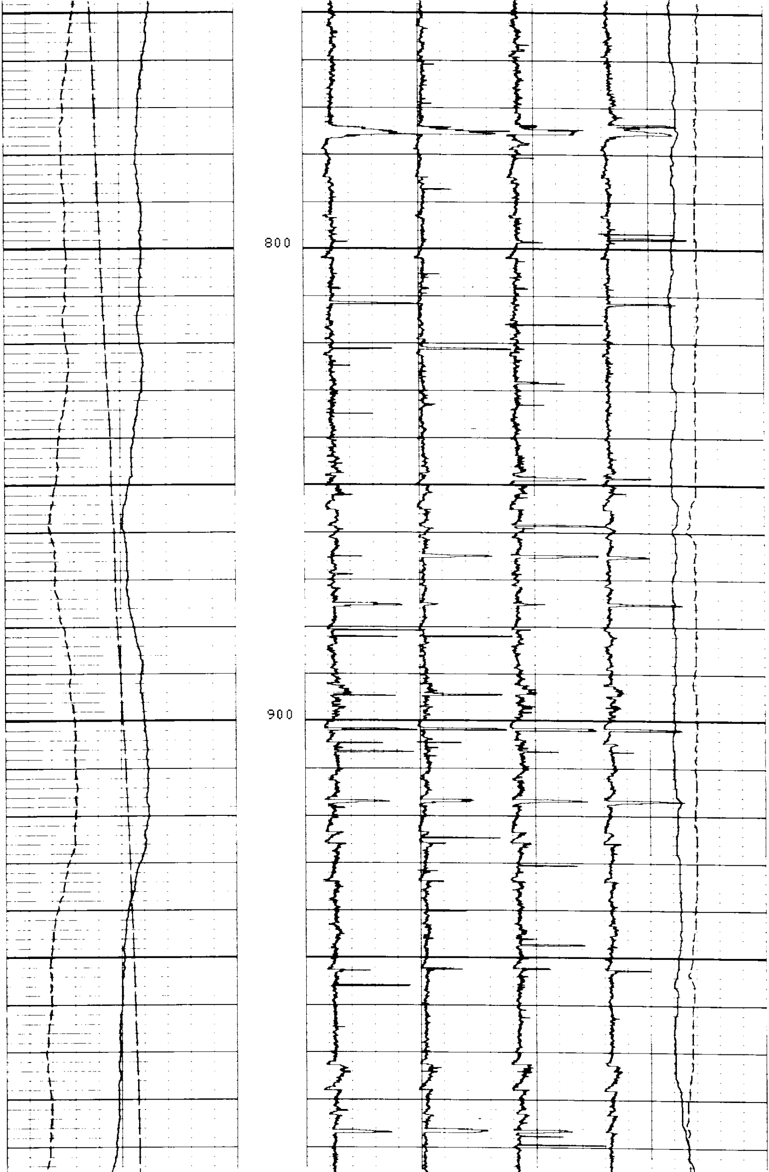
DEVI(DEG)
-3.000 27.000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

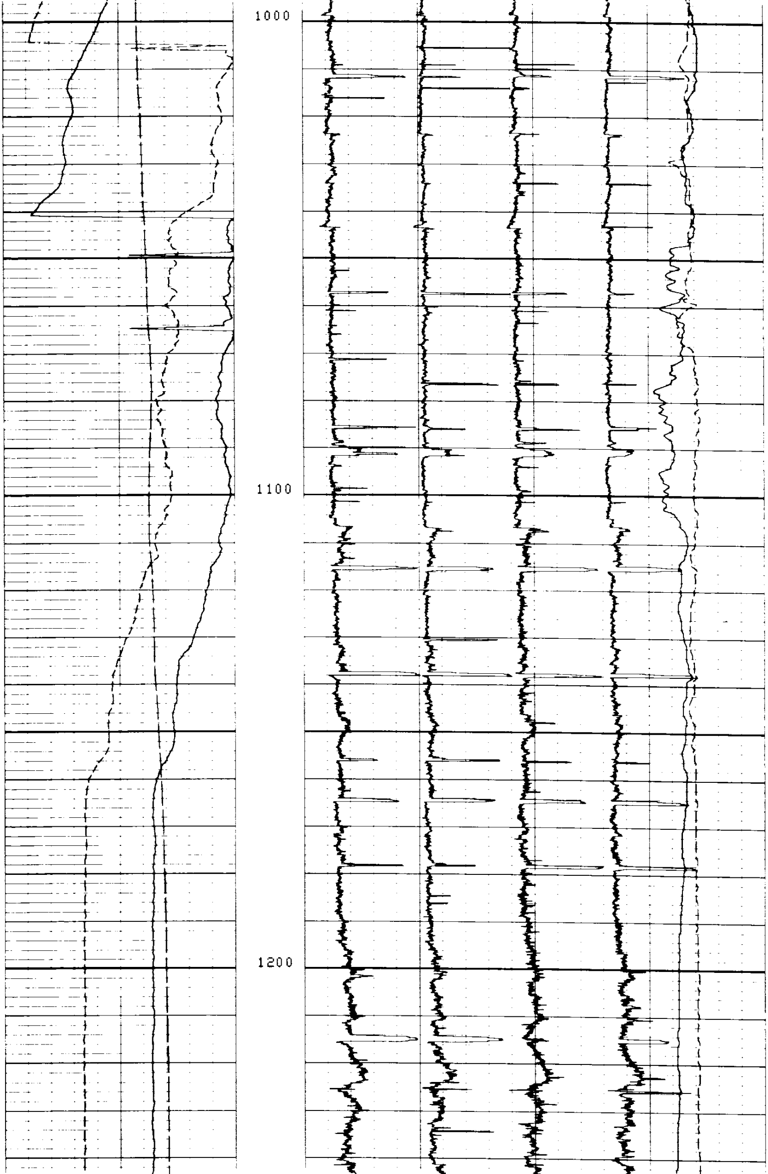
C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

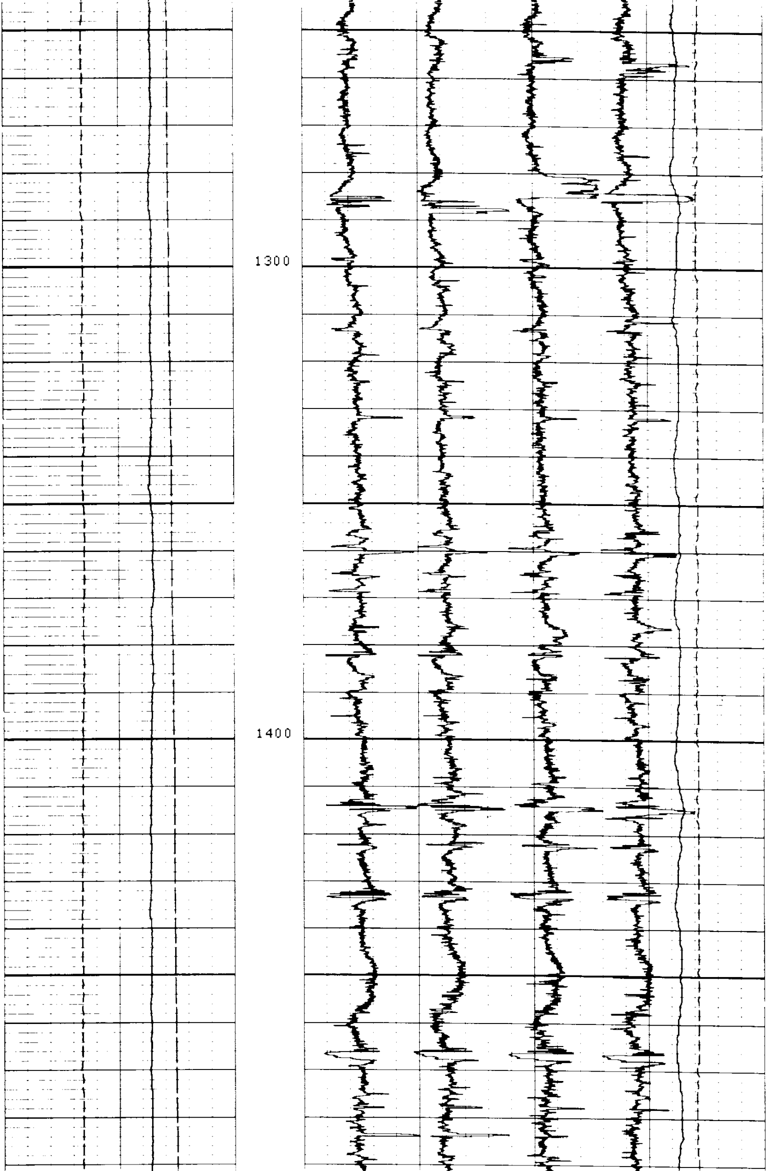
CP 28.2A FILE 6 07-DEC-85 10:16

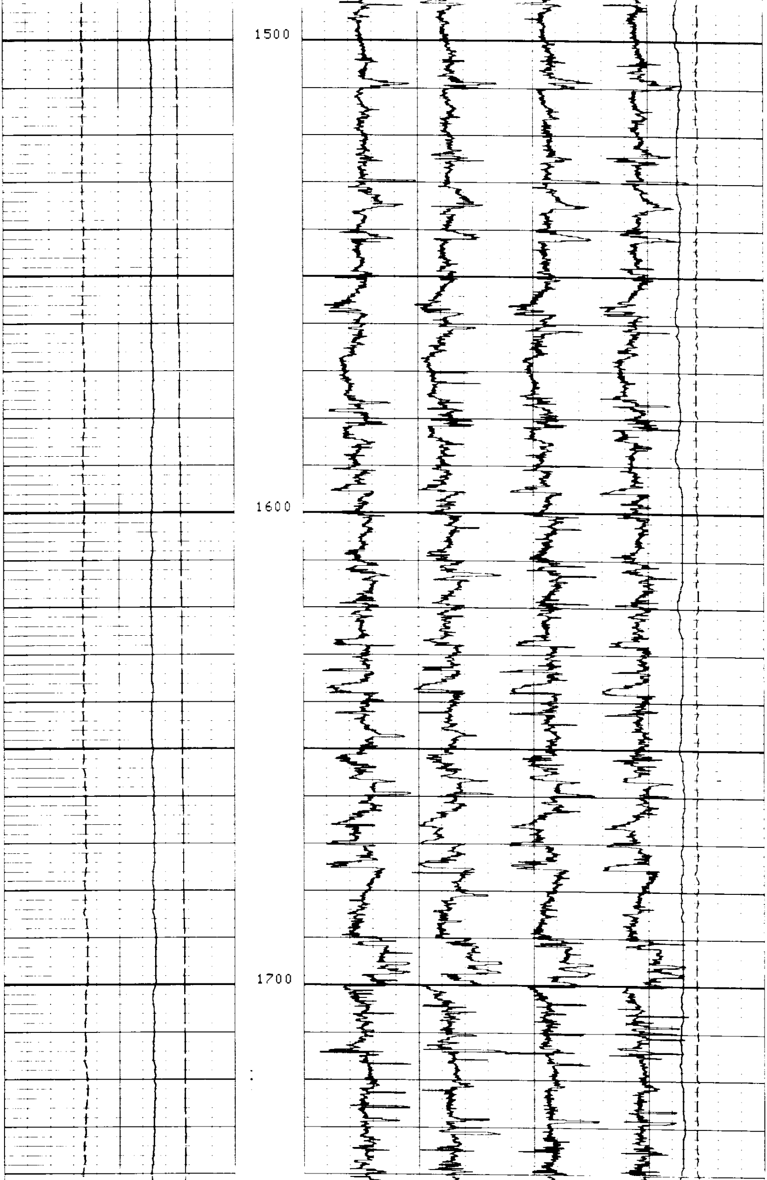


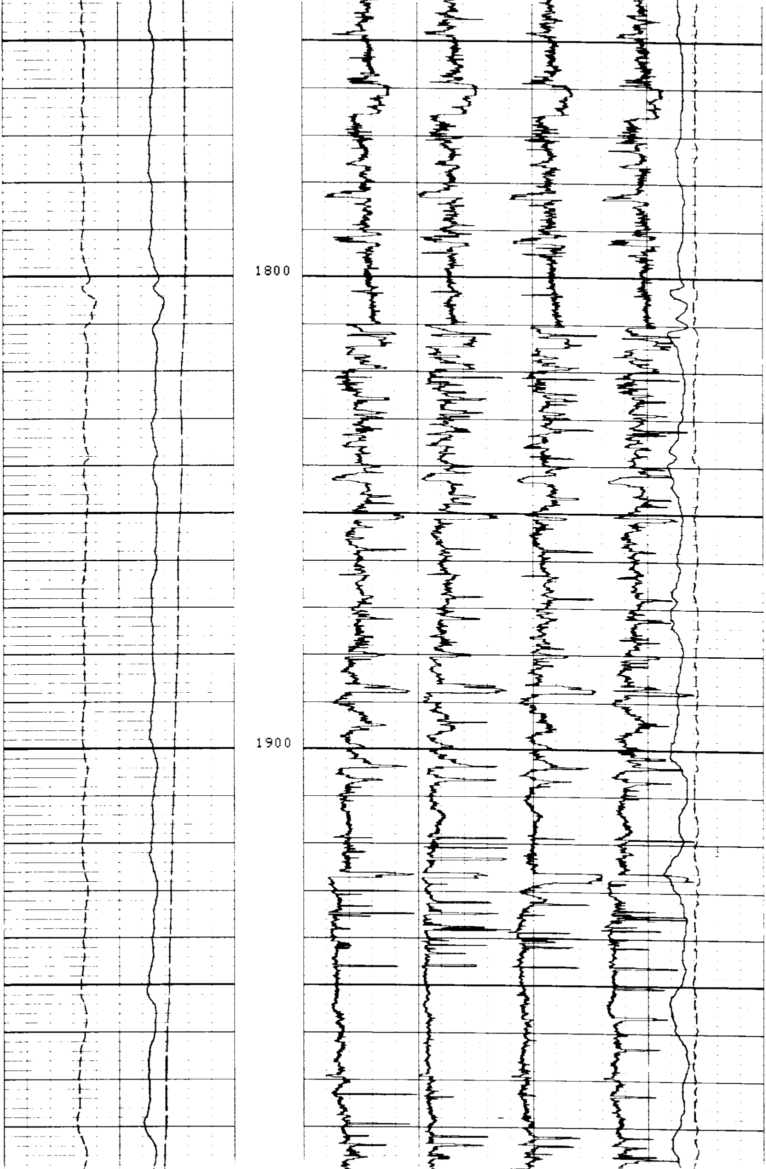


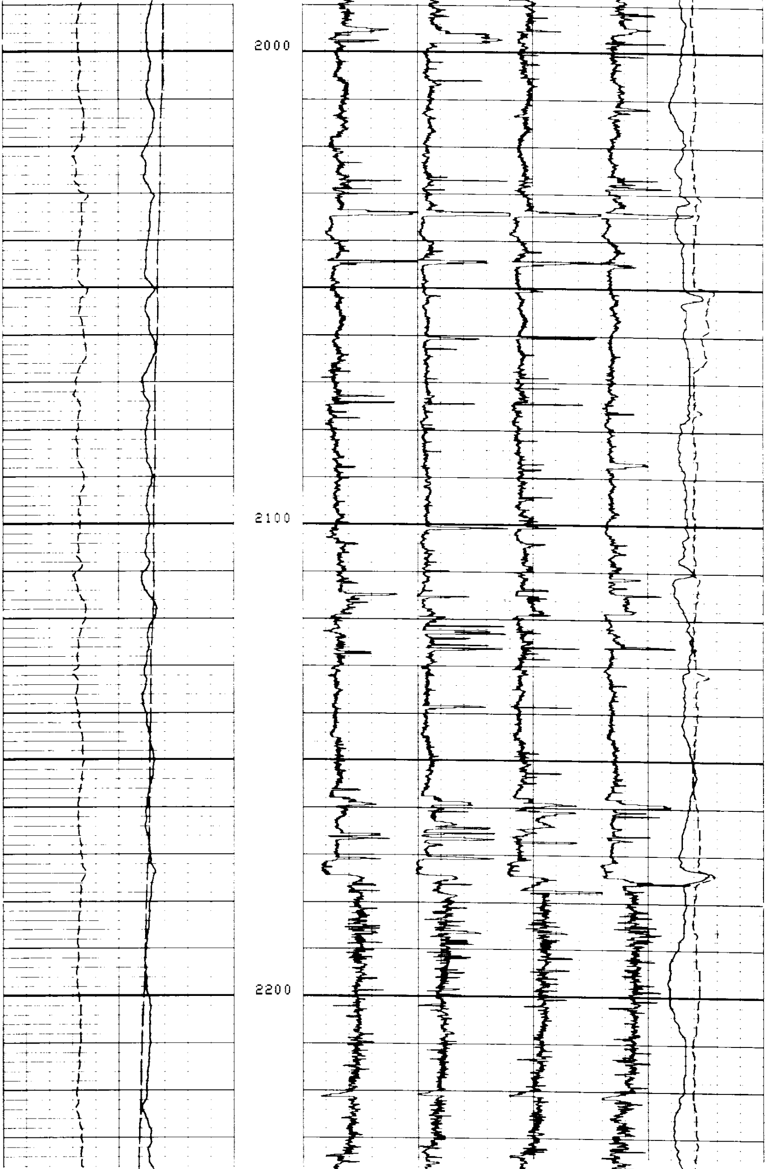


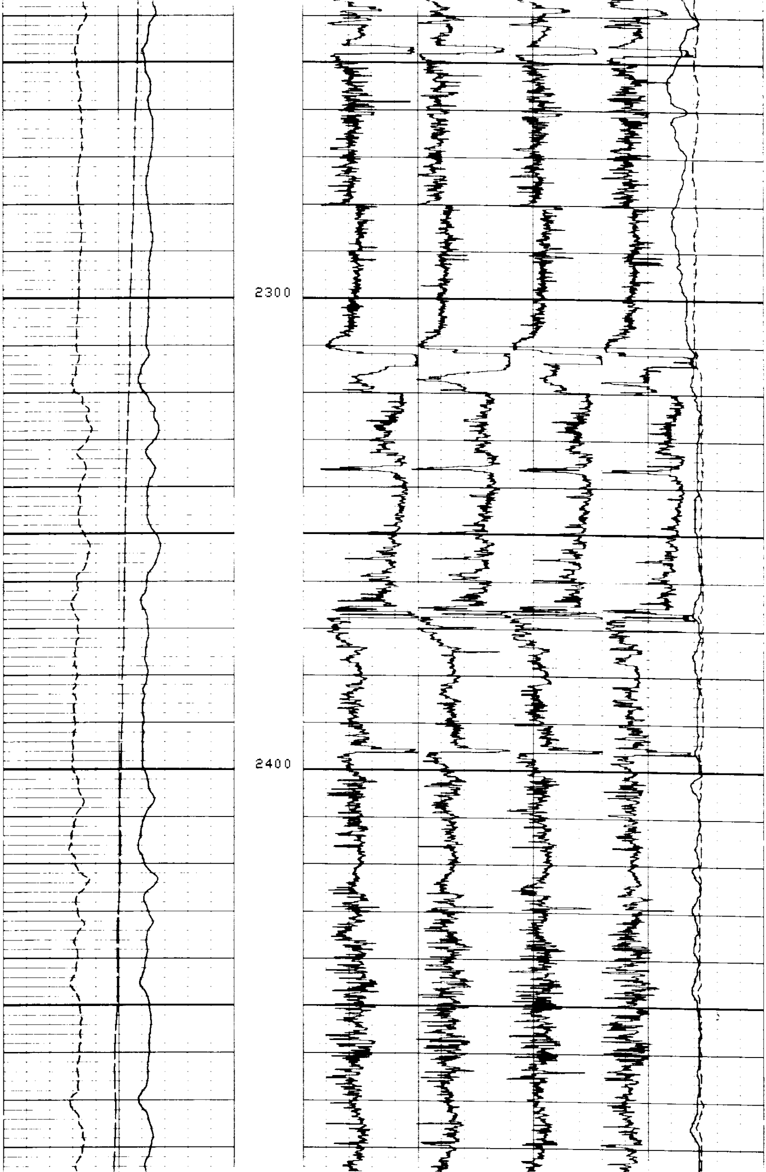


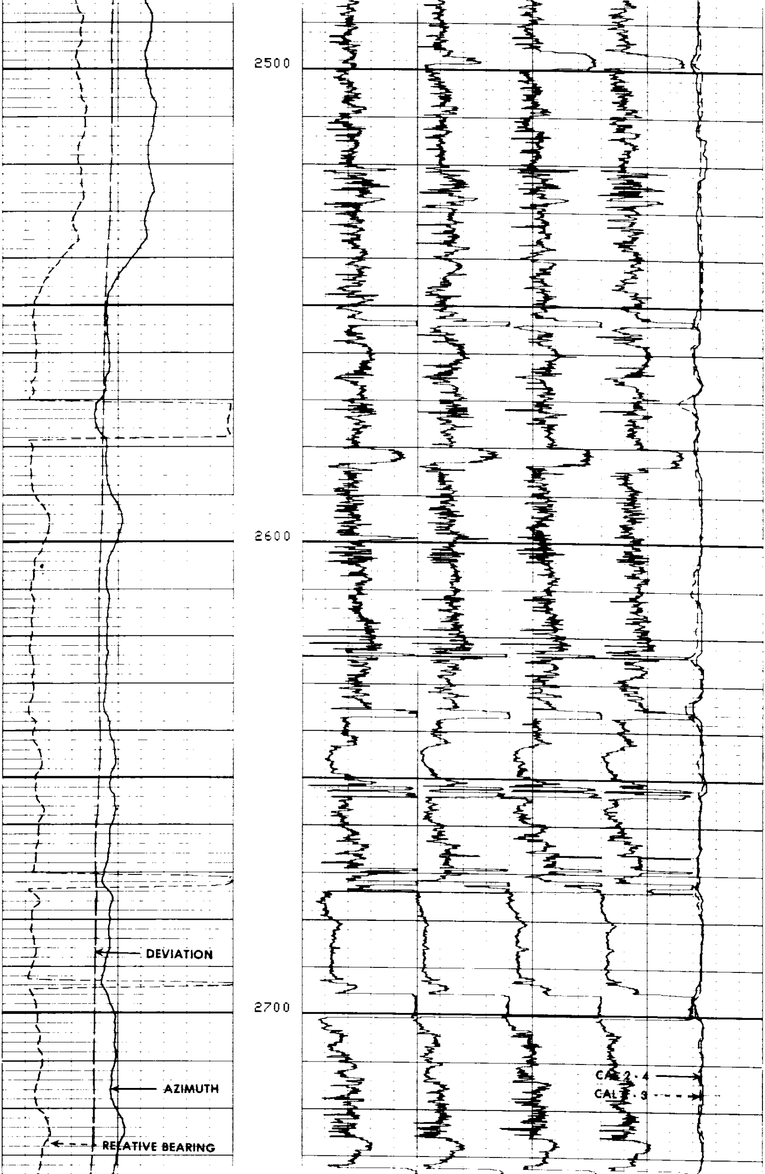


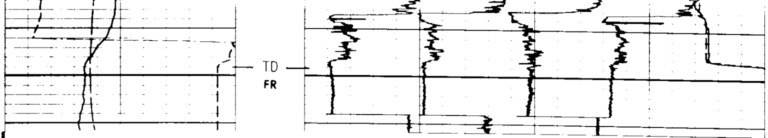












CP 28.2A FILE 6 07-DEC-85 09:35

DEVI(DEG)
-3.000 27.000
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	0	DEG
BHS	OPEN		STYF	HDSD	
BS	8.75000	IN			

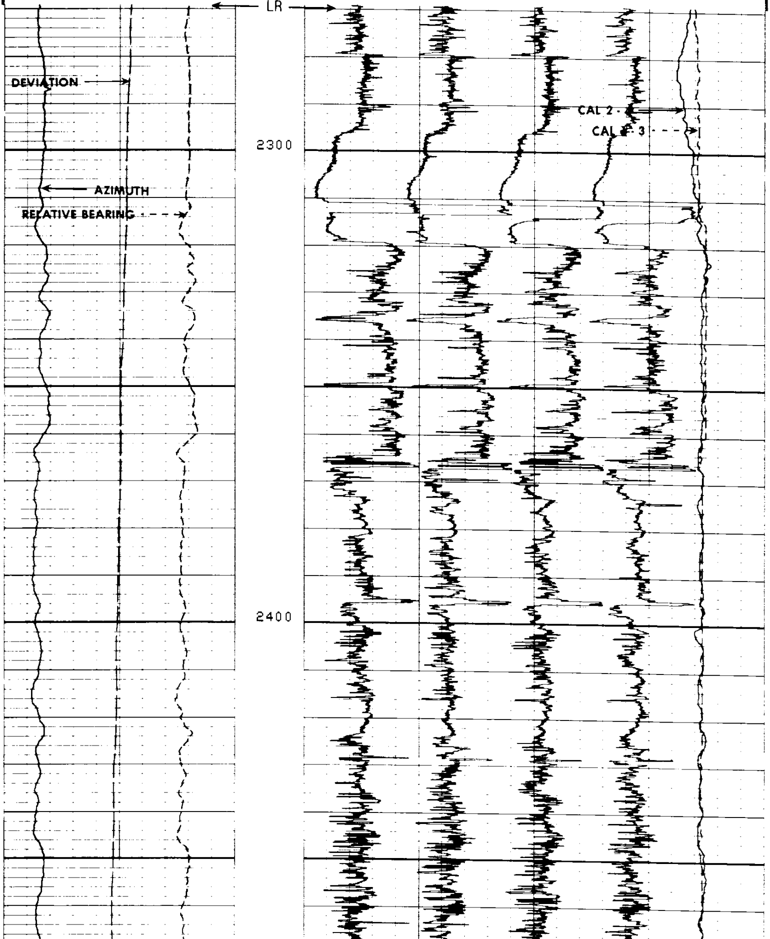
CEMENT VOLUME = 62.4810 F3
HOLE VOLUME = 102.782 F3
FROM 2513.1 TO 2268.8 FEET

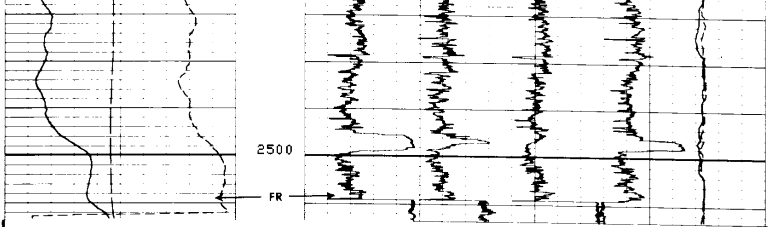
DEVI(DEG)
-3.000 27.000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

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

REPEAT SECTION

CP 28.2A FILE 5 07-DEC-85 09:29





CP 28.2A FILE 5 07-DEC-85 09:24

DEVI(DEG)
-3.000 27.000
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

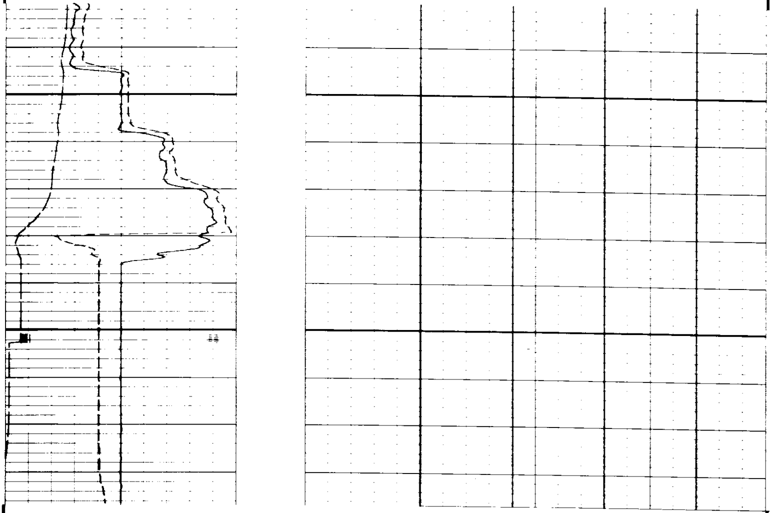
NAME	VALUE	UNIT	NAME	VALUE	UNIT
MCT	36		MDEC	0	DEG
BHS	OPEN		STYP	HDSD	
BS	8.75000	IN			

DEVI(DEG)
-1.000 19.000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

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

-1.000 DEVI 19.000 SCALE
0.0 65502 20.000 CHANGES

CP 28.2A FILE 4 07-DEC-85 08:54



CP 28.2A FILE 4 07-DEC-85 08:52

Curve	Left	Right
DEVI(DEG)	0.0	20.000
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			

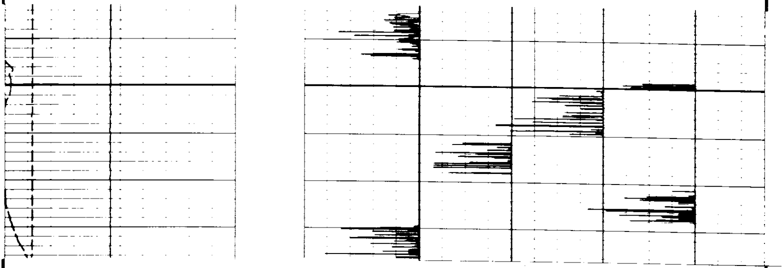
PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
MCT	36		MDEC	0	DEG
BHS	OPEN		STYP	HDSD	
BS	8.75000	IN			

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 3 07-DEC-85 08:47



CP 28.2A FILE 3 07-DEC-85 08:45

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 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	0	DEG
BHS	OPEN		STYP	HDSD	
BS	8.75000	IN			

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 07-DEC-85 08:42
PROGRAM FILE: HDT (VERSION 28.2A 85/07/10)

HDTD

CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
C1	6.37	13.1	6.00	12.0	IN
C2	6.58	13.2	6.00	12.0	IN

CP 28.2A FILE 2 07-DEC-85 08:42