Schlumberger

HIGH RESOLUTION DIPMETER

CSU Field Log

COMPANY: FLORIDA EXPLORATION COMPANY

WELL: ~~HARRIS 1-4~~ Well 01-04

FIELD: WILDCAT
COUNTY: DOUGLAS
STATE: OREGON
NATION: USA
LOCATION: 445'W & 140'S FR NE COR

SEC: 4 TWP: 21S RGE: 6W

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 776.0'
LOG MEASURED FROM: KB
22.0' ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 798.0'
DF:
GL: 776.0'

DATE: 22 JUL 82
RUN NO: 2

DEPTH-DRILLER: 5962.0'
DEPTH-LOGGER: 5961.0'
BTM. LOG INTERVAL: 5960.0'
TOP LOG INTERVAL: 2994.0'

CASING-DRILLER:	990'	3002'
CASING-LOGGER:	992'	2994'
CASING:	13.875	9.625
BIT SIZE:		8.5

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

PROGRAM
TAPE NO:
20.2
SERVICE
ORDER NO:
303906

TYPE FLUID IN HOLE:	LIGNOSULFONATE
DENSITY:	14.0 LB/G
VISCOSITY:	48.0 S
PH:	10.5
FLUID LOSS:	4.2 C3
SOURCE OF SAMPLE:	FLOWLINE
RM:	0.780 OHMM AT 98.0 DF
RMF:	1.200 OHMM AT 68.0 DF
RMC:	1.960 OHMM AT 71.0 DF
SOURCE RMF/RMC:	MEASURED/MEASURED
RM AT BHT:	0.597 OHM AT 130. DF
RMF AT BHT:	0.656 OHM AT 130. DF
RMC AT BHT:	1.115 OHM AT 130. DF
TIME CIRC. STOPPED:	1800
TIME LOGGER ON BTM.:	1200
MAX. REC. TEMP:	130.0 DF
LOGGING UNIT NO:	8076
LOGGING UNIT LOC:	SACRAMENTO
RECORDED BY:	MAYER
WITNESSED BY:	HOHLT/NEWTON/PILATI

REMARKS:

EQUIPMENT NUMBERS-

HDS 1954 HDE 1879 HDM 1726 DAM 1891

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.

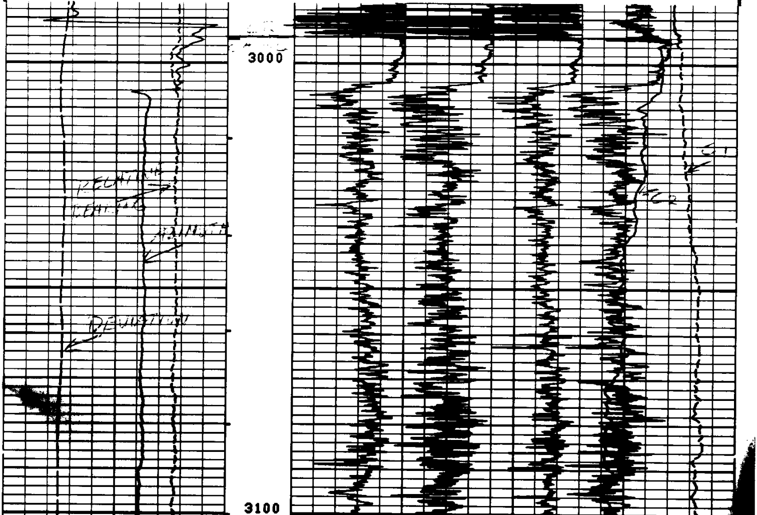
FILE

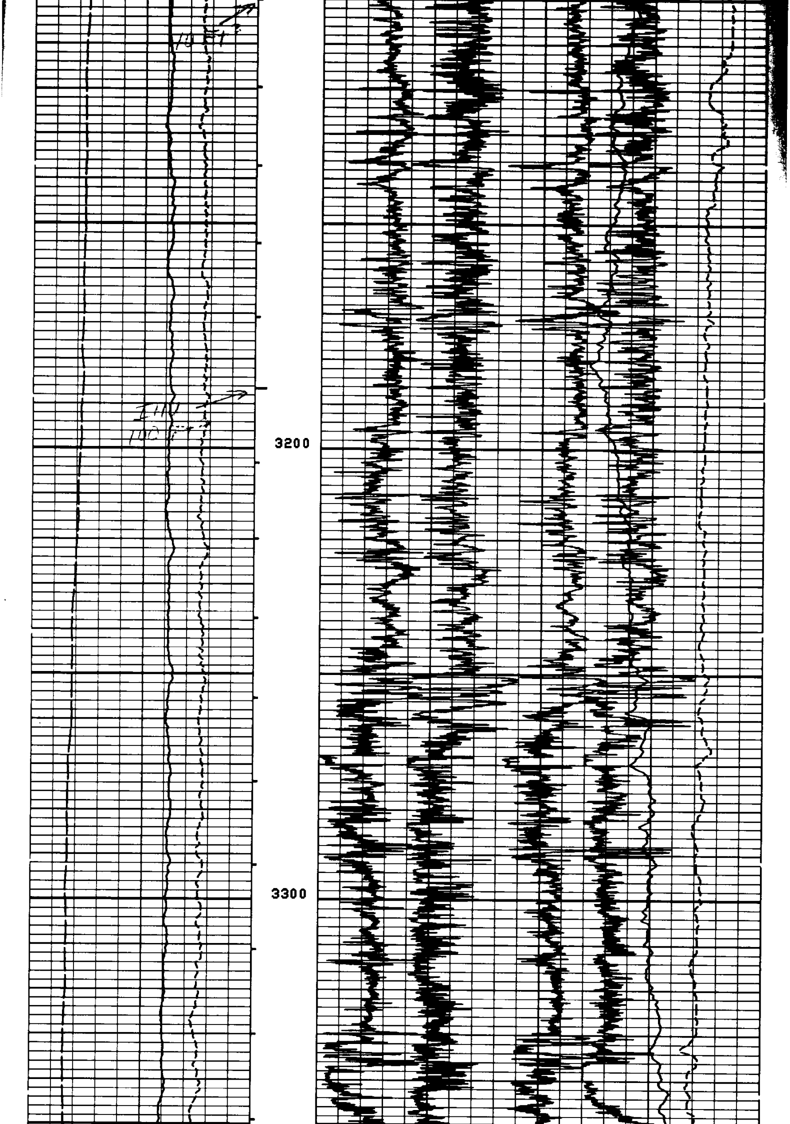
101

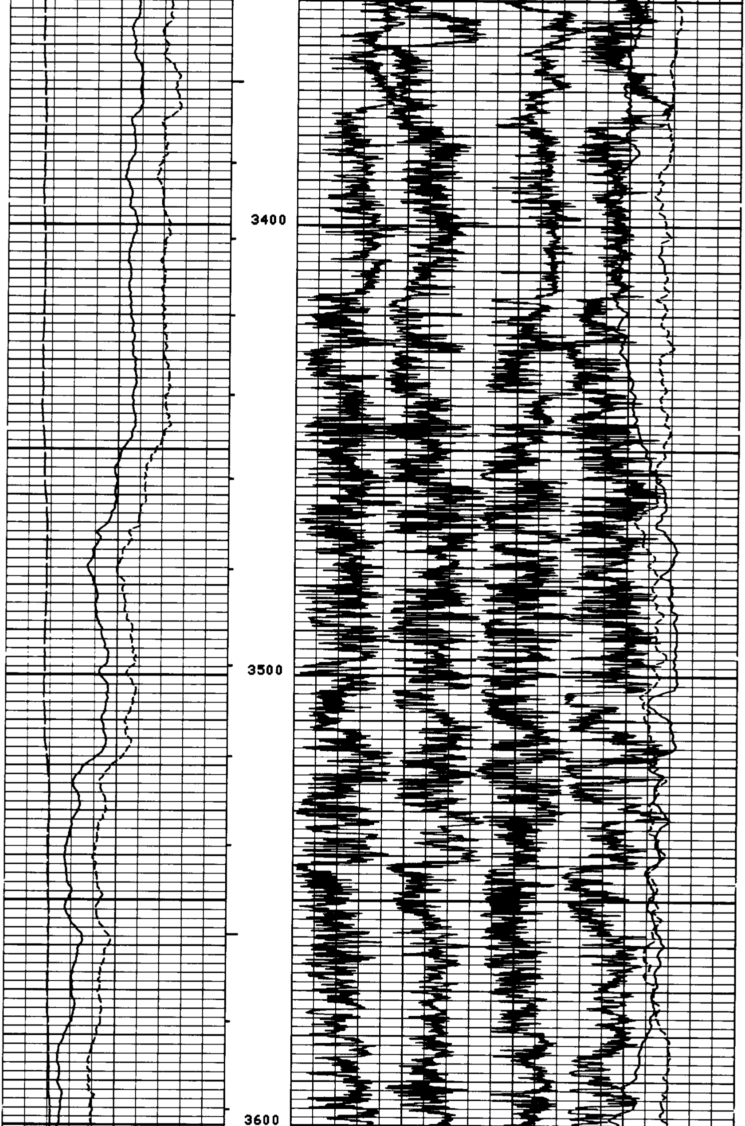
DEVI(DEG)		
-1.000	9.000	
RB (DEG)		C2 (IN)
-40.00	360.0	26.00 6.000
AZIM(DEG)		C1 (IN)
-40.00	360.0	26.00 6.000

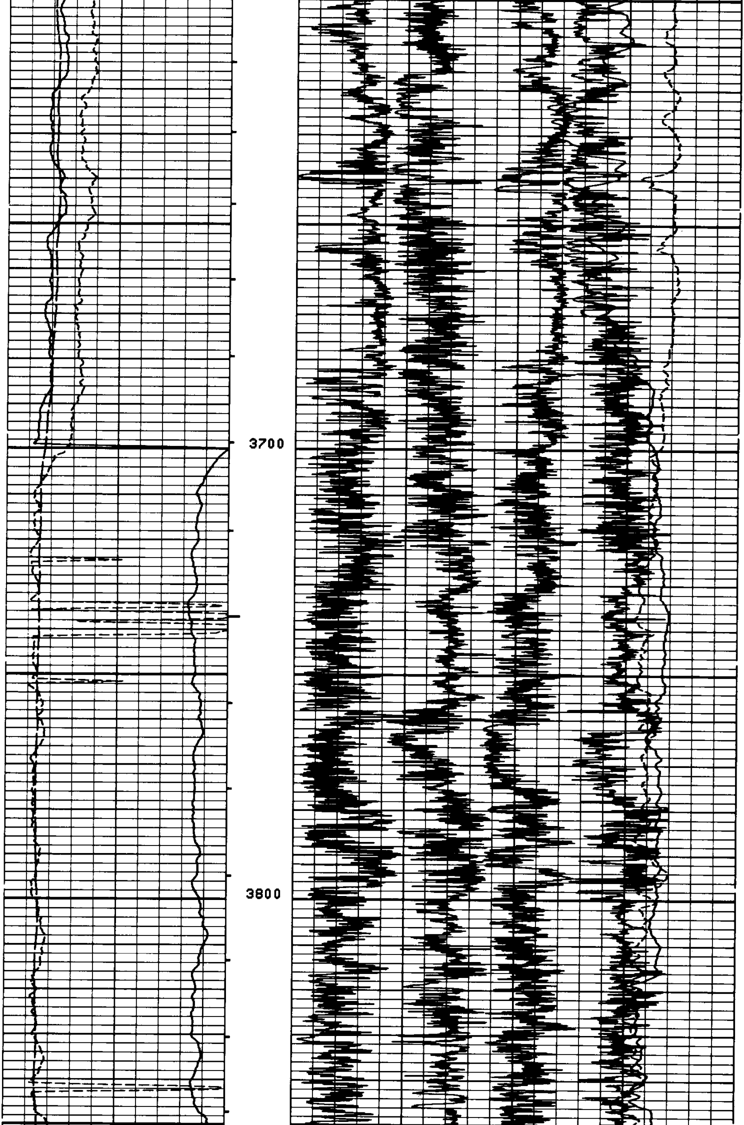
FILE

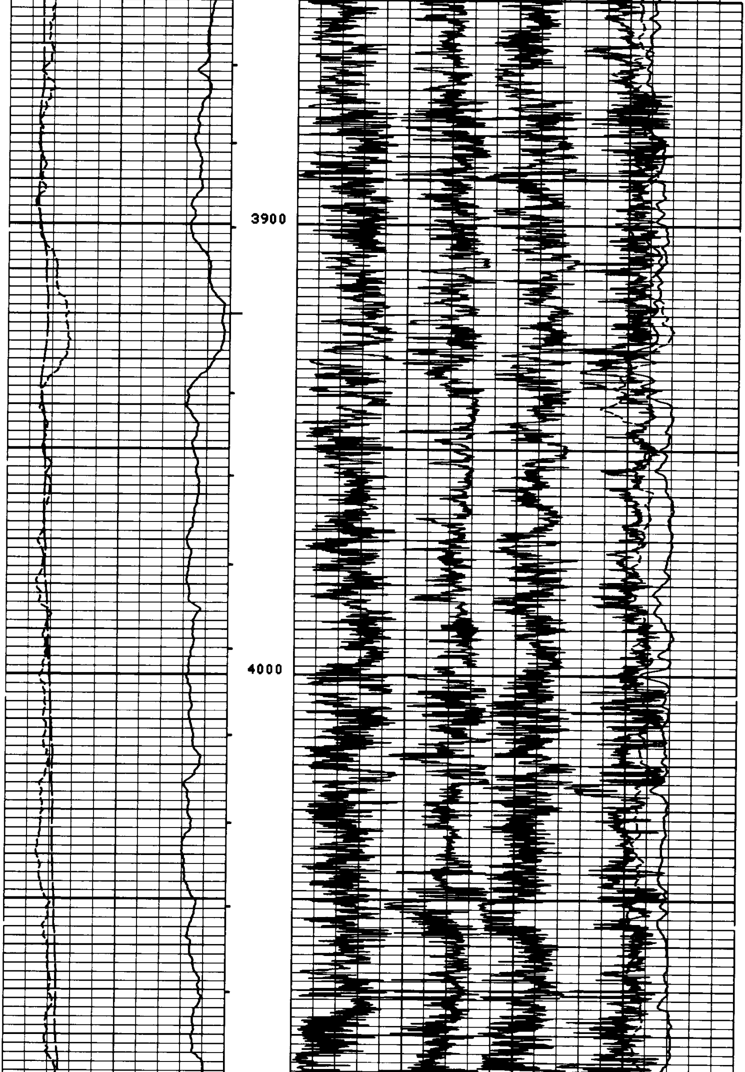
6

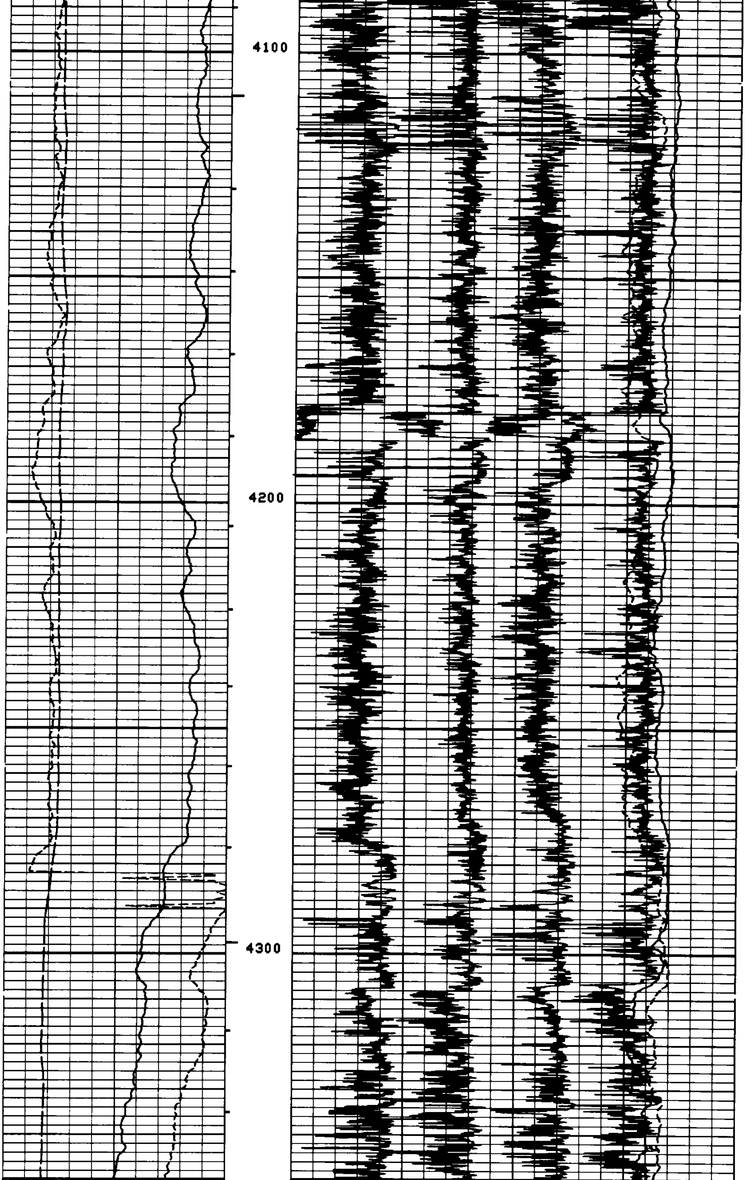


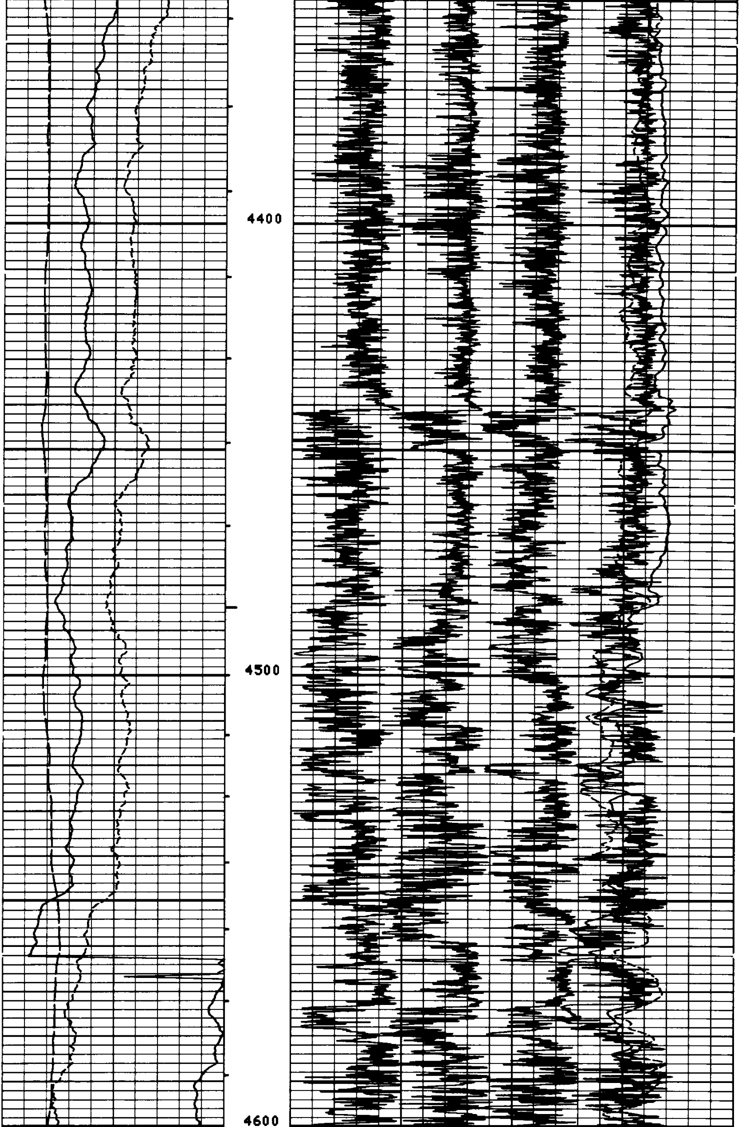


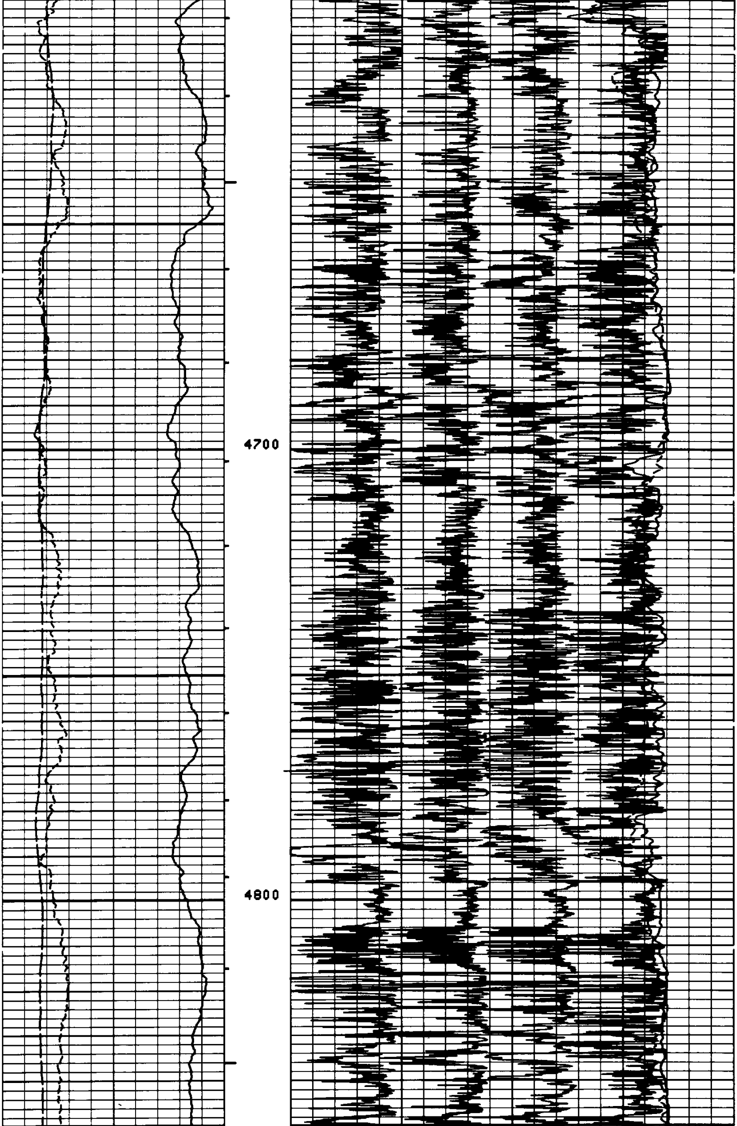


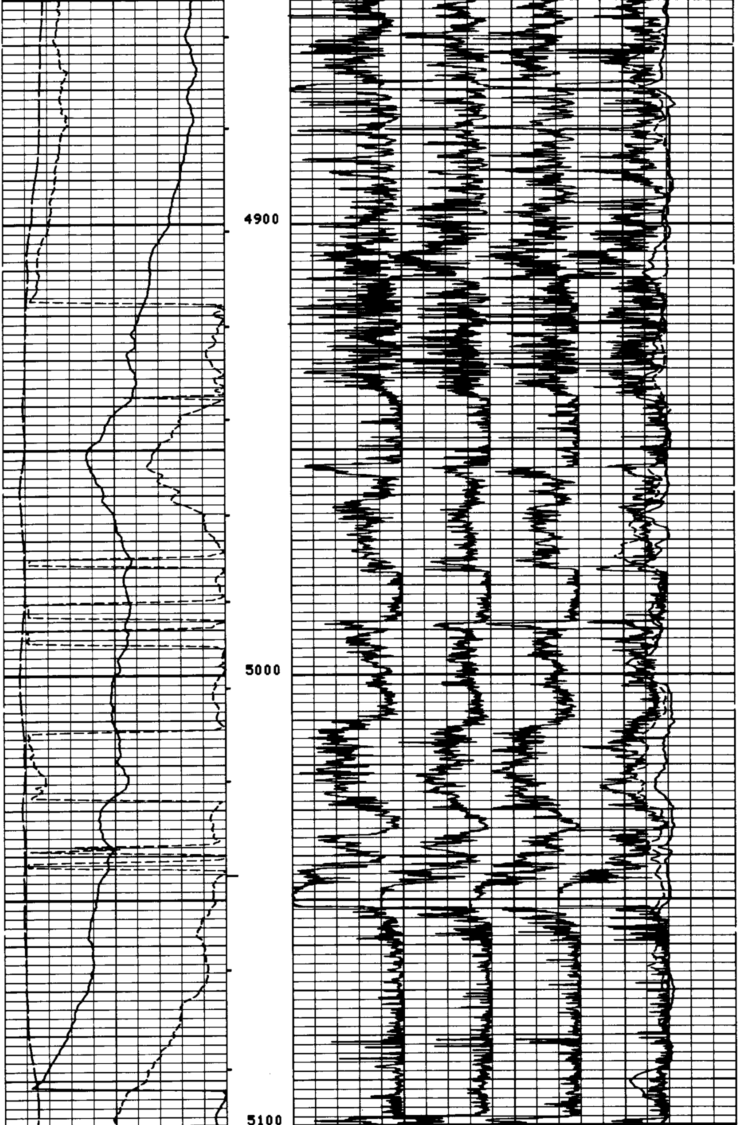


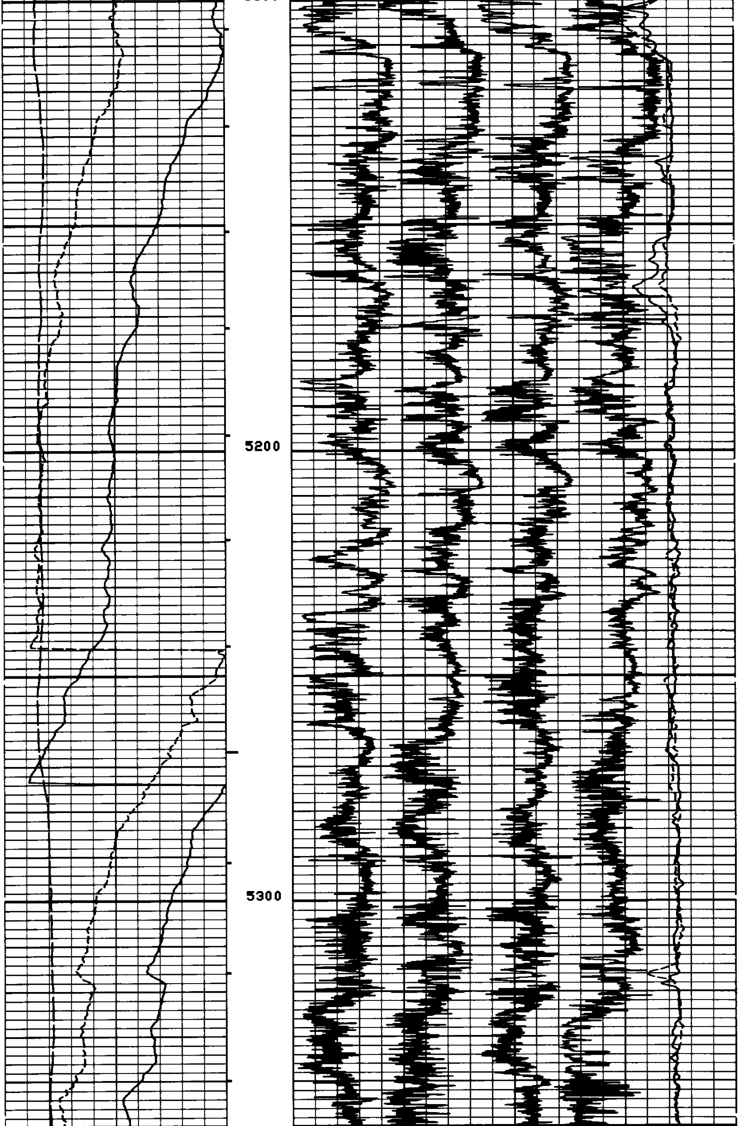


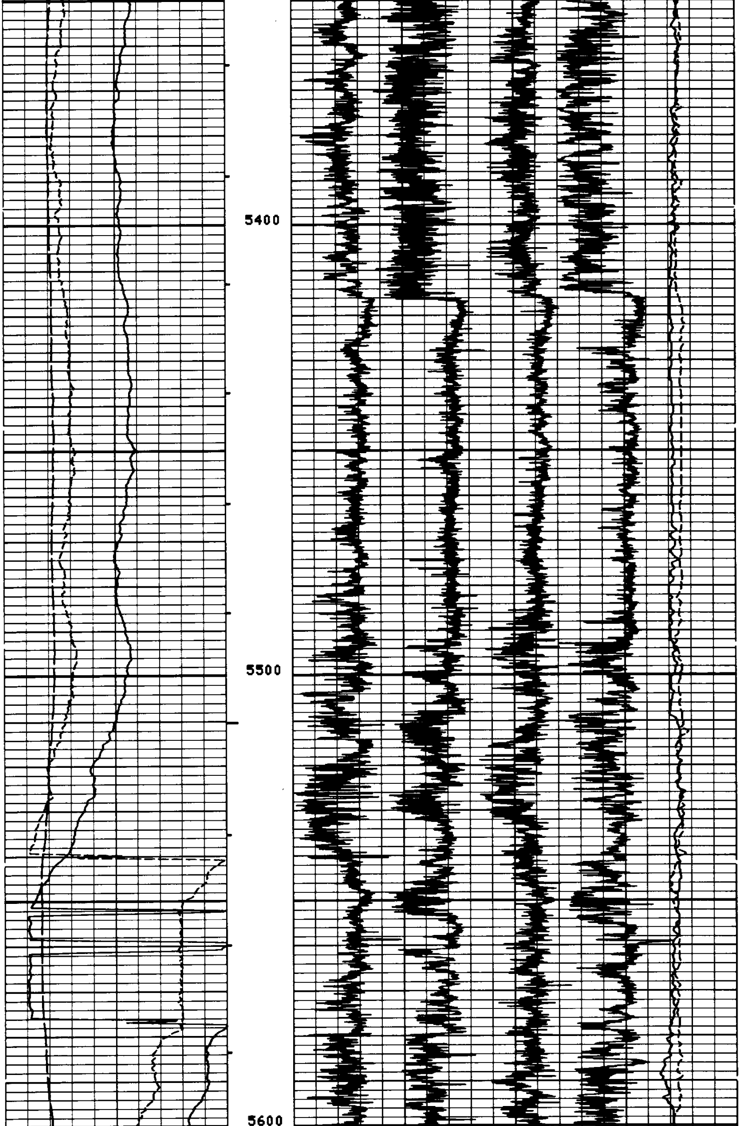


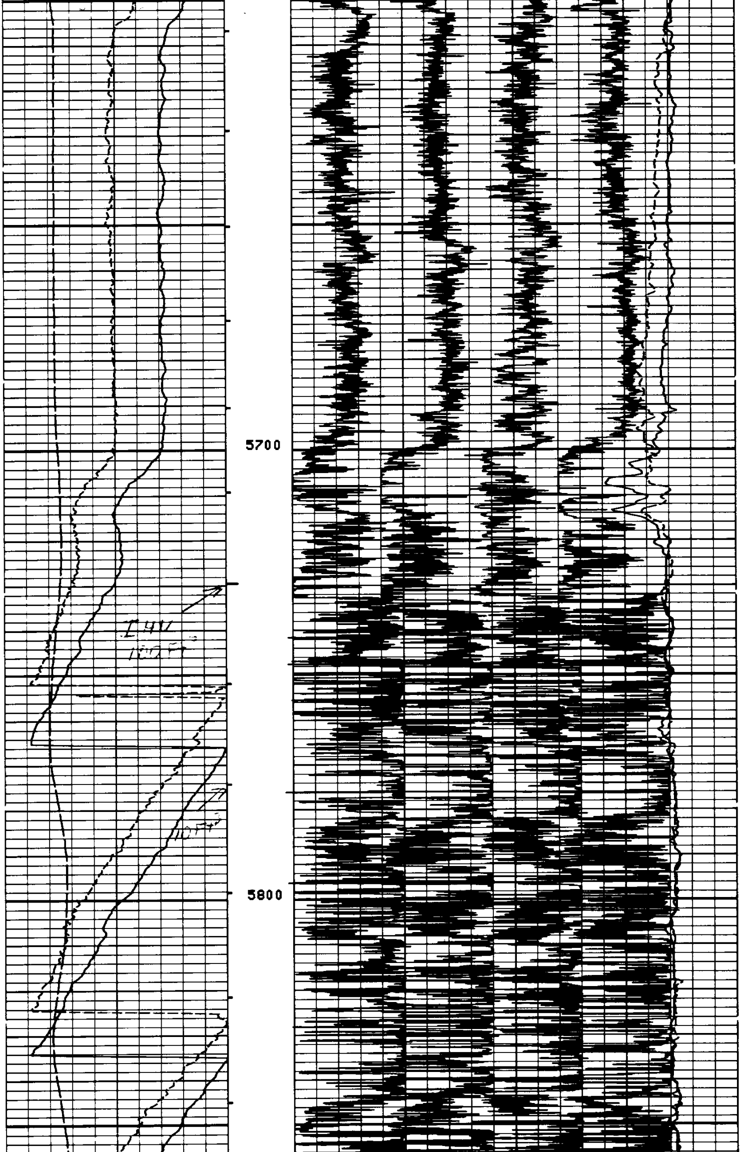


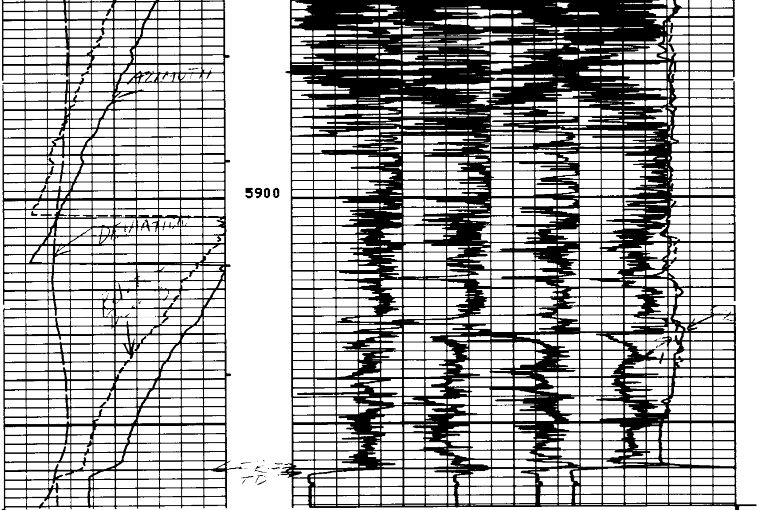












FILE

6

DEVI(DEG)
-1.000 9.000
RB (DEG)
-40.00 360.0
AZIM(DEG)
-40.00 360.0

C2 (IN)
26.00 6.000
C1 (IN)
26.00 6.000

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

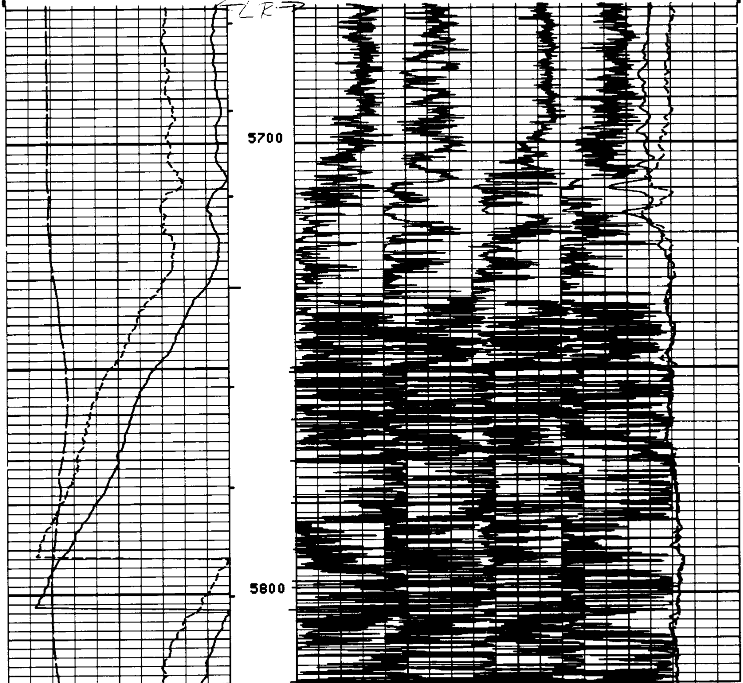
MCT	36	DEG		BS	8.500	IN
BHS	OPEN			STYP	HDSD	
DO	0.0					

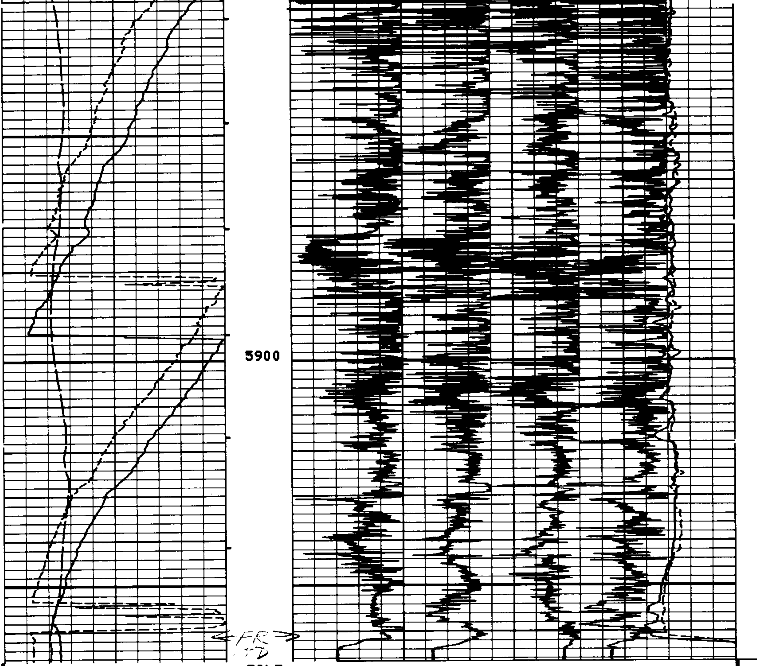
↓ REPEAT SECTION ↓

DEVI(DEG) -1.000 9.000	C2 (IN) 26.00 6.000
RB (DEG) -40.00 360.0	C1 (IN) 26.00 6.000
AZIM(DEG) -40.00 360.0	

FILE

5





FILE

5

DEVI(DEG)	
-1.000	9.000
RB (DEG)	
-40.00	360.0
AZIM(DEG)	
-40.00	360.0

C2 (IN)	
26.00	6.000
C1 (IN)	
26.00	6.000

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

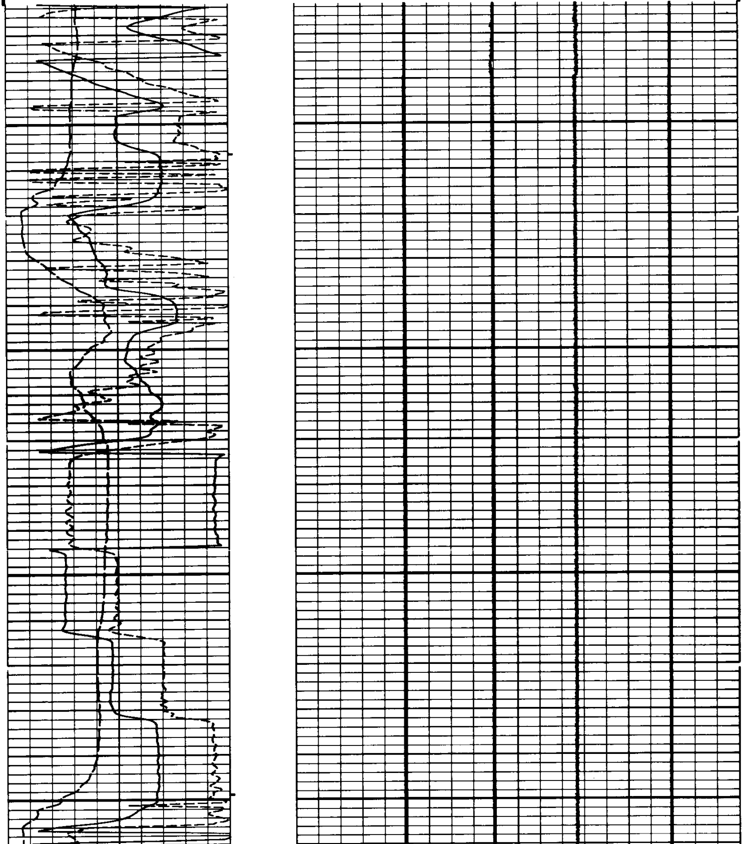
NAME	VALUE	UNIT	NAME	VALUE	UNIT
MCT	36	DEG	BS	8.500	IN
BHS	OPEN		STYP	HDSD	
DD	0.0				

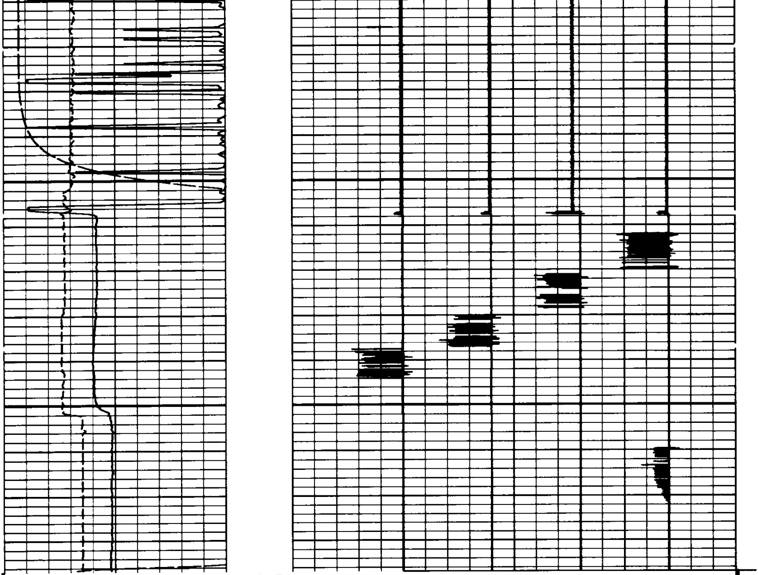
TOOL CALIBRATIONS

DEVI(DEG)
-1.000 9.000
RB (DEG)
-40.00 360.0
AZIM(DEG)
-40.00 360.0

C2 (IN)
26.00 6.000
C1 (IN)
26.00 6.000

FILE
4





FILE

4

DEVI(DEG)	
-1.000	9.000

RB (DEG)	
-40.00	360.0

AZIM(DEG)	
-40.00	360.0

C2 (IN)	
26.00	6.000

C1 (IN)	
26.00	6.000

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
MCT	36	DEG	BS	8.500	IN
BHS	OPEN		STYP	HDSD	
DO	0.0				

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 82/07/23
PROGRAM FILE: HDT (VERSION 20.2 81/ 1/30)

HDT

CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
C1	9.2	13.7	8.0	12.0	IN
C2	8.8	13.3	8.0	12.0	IN

FILE