HIGH RESOLUTION DIPMETER 5"

CSU

RECEIVED
NOV 12 1982

COMPANY:	NAHAMA $ WEAGANT ENERGY COMPANY
WELL:	KLOHS #1
FIELD:	NEWBURG AREA
COUNTY:	YAMHILL
STATE:	OREGON
NATION:	USA
LOCATION:	180'SOUTH & 1115'WEST FROM NE CORNER OF
SEC:	6

TWP: 3S RGE: 2W

OTHER SERVICES-
DIL
FDC/CNL/GR
BHC
CYBERLOOK
CST

API SERIAL NO:
36-071-000

PROGRAM
TAPE NO:
22.4
SERVICE
ORDER NO:
304049

PERMANENT DATUM:	GL
ELEV. OF PERM. DATUM:	910.0 '
LOG MEASURED FROM:	KB
13.5 '	ABOVE PERM. DATUM
DRLG. MEASURED FROM:	KB

ELEVATIONS-
KB: 923.5 '
DF:
GL: 910.0 '

DATE:	10 OCT 82
RUN NO:	1
DEPTH-DRILLER:	5870.0 '
DEPTH-LOGGER:	5861.0 '
BTM. LOG INTERVAL:	5600.0 '
TOP LOG INTERVAL:	650.0 '
CASING-DRILLER:	623 '
CASING-LOGGER:	623 '
CASING:	8 5/8"
BIT SIZE:	7 7/8"

TYPE FLUID IN HOLE:	CYPAN-BENEX
DENSITY:	10.1 LB/G
VISCOSITY:	58.0 S
PH:	9.0
FLUID LOSS:	6.6 C3
SOURCE OF SAMPLE:	FLOWLINE
RM:	3.420 OHMM AT 80.0 DEGF
RMF:	4.720 OHMM AT 63.0 DEGF
RMC:	3.500 OHMM AT 63.0 DEGF
SOURCE RMF/RMC:	MEASURED/MEASURED
RM AT BHT:	2.361 OHMM AT 119. DEGF
RMF AT BHT:	2.622 OHMM AT 119. DEGF
RMC AT BHT:	1.944 OHMM AT 119. DEGF
TIME CIRC. STOPPED:	1100 10-10-8
TIME LOGGER ON BTM.:	0000 10-11-8
MAX. REC. TEMP:	119.0 DEGF

LOGGING UNIT NO:	8216
LOGGING UNIT LOC:	SACRAMENTO
RECORDED BY:	CHUCK NICHOLS/JACK ANDERSON
WITNESSED BY:	LEE CECIL

REMARKS:

LOG RUN IN TWO SECTIONS PER CLIENT REQUEST
REPEAT RUN AT TOP OF HOLE DUE TO HOLE CONDITIONS.

EQUIPMENT NUMBERS-

HDS-D 1949 HDM-K 880 HDE-CB 2996 DAM-A 752

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

0

CHANGED PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
VHOL	1896.80	F3			

DEVI(DEG)
-1.000 9.0000

RB (DEG)
-40.00 360.00

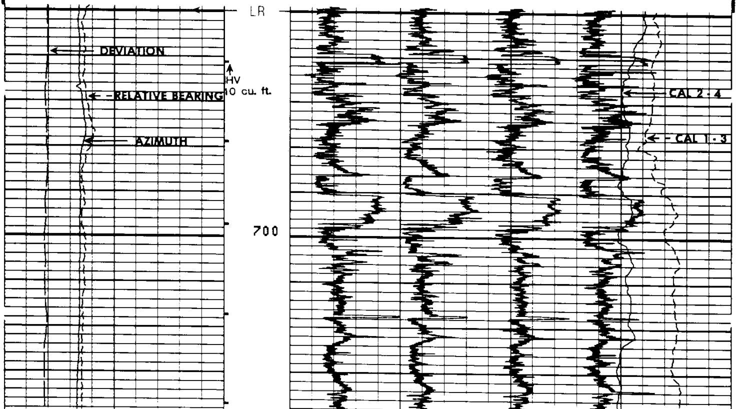
AZIM(DEG)
-40.00 360.00

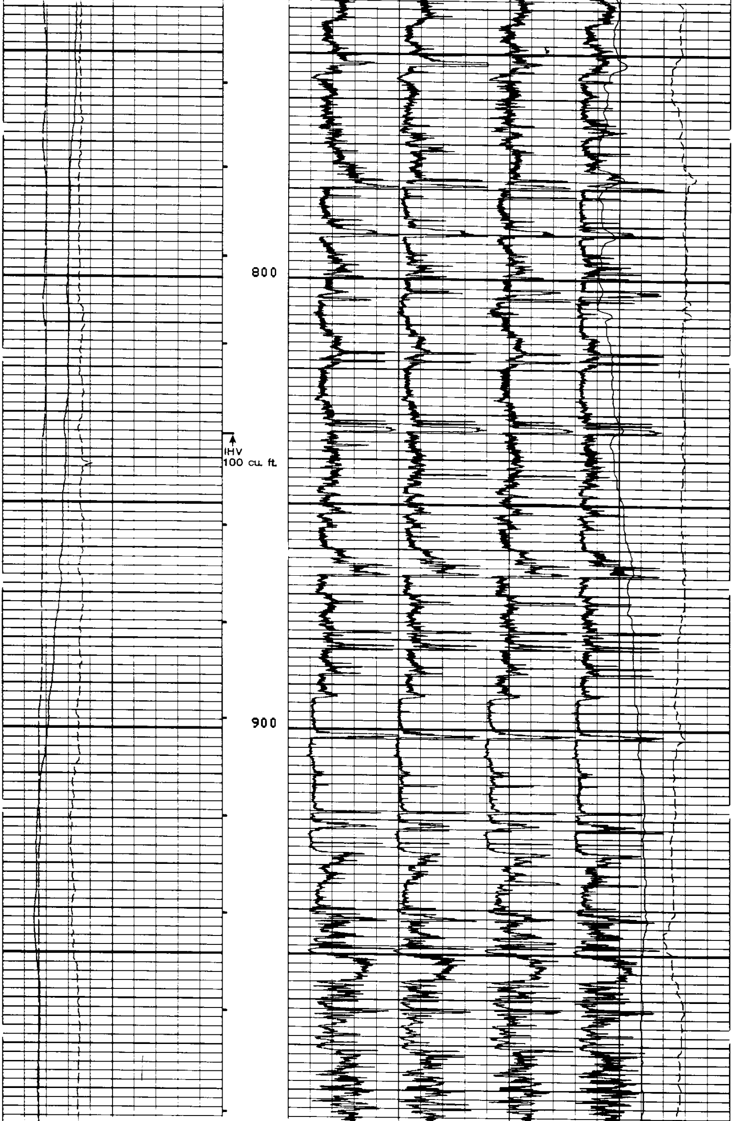
C2 (IN)
26.000 6.0000

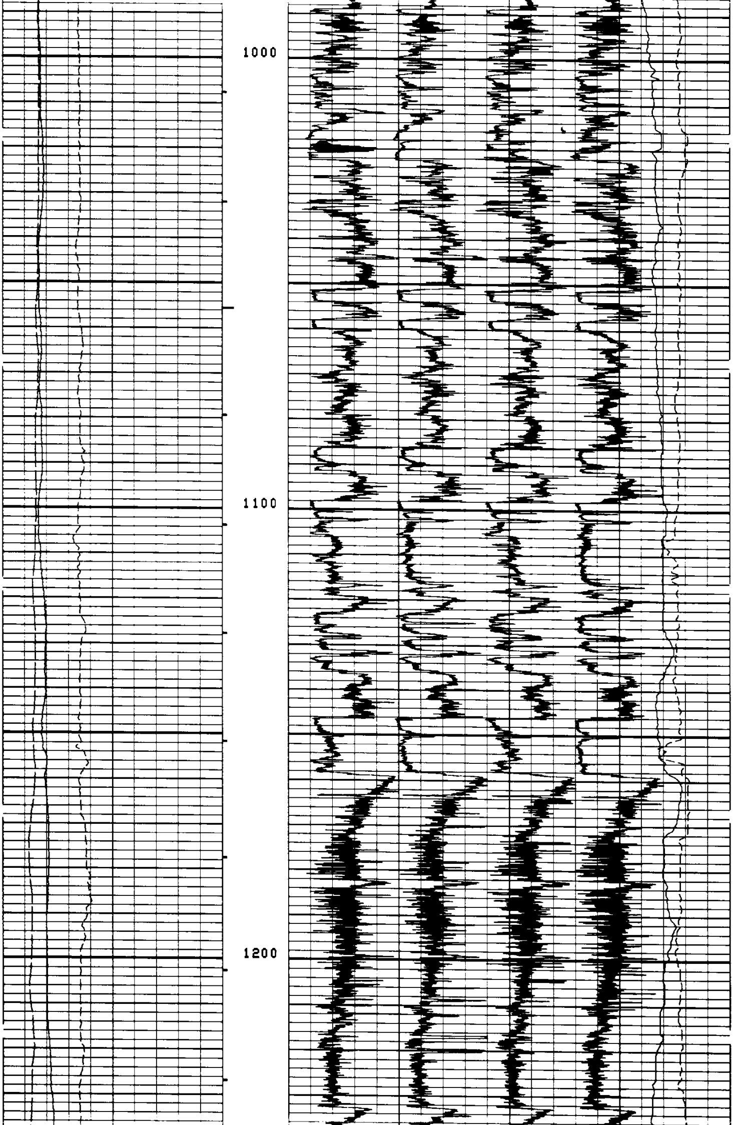
C1 (IN)
26.000 6.0000

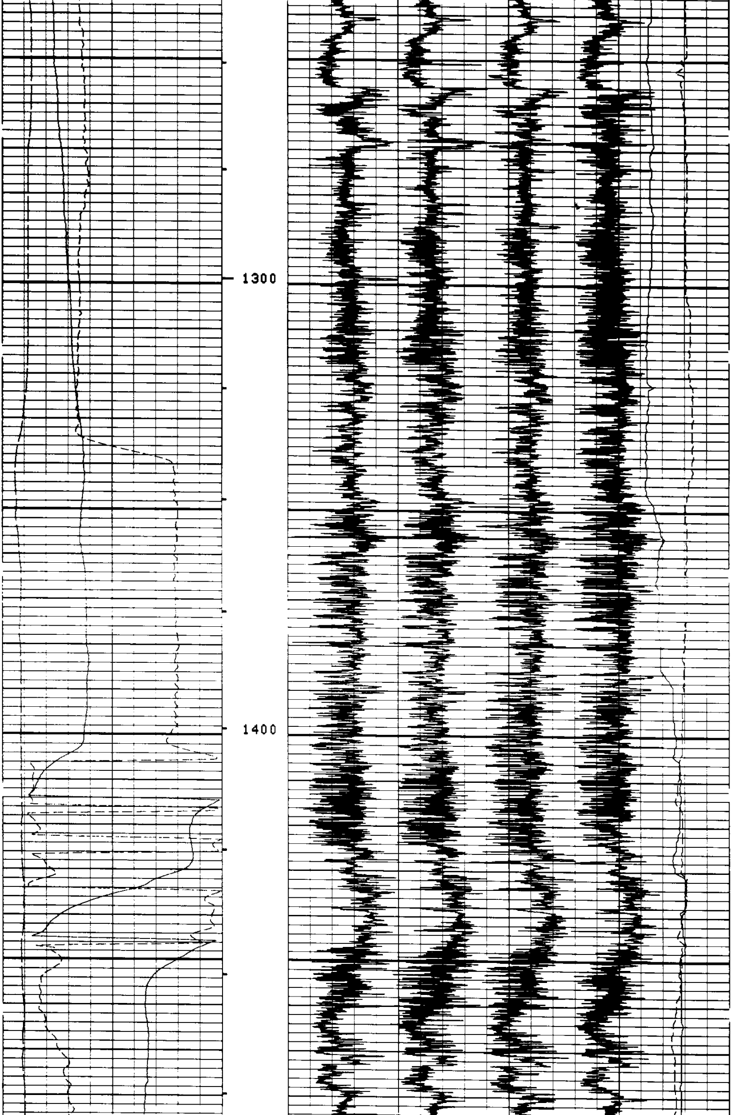
FILE

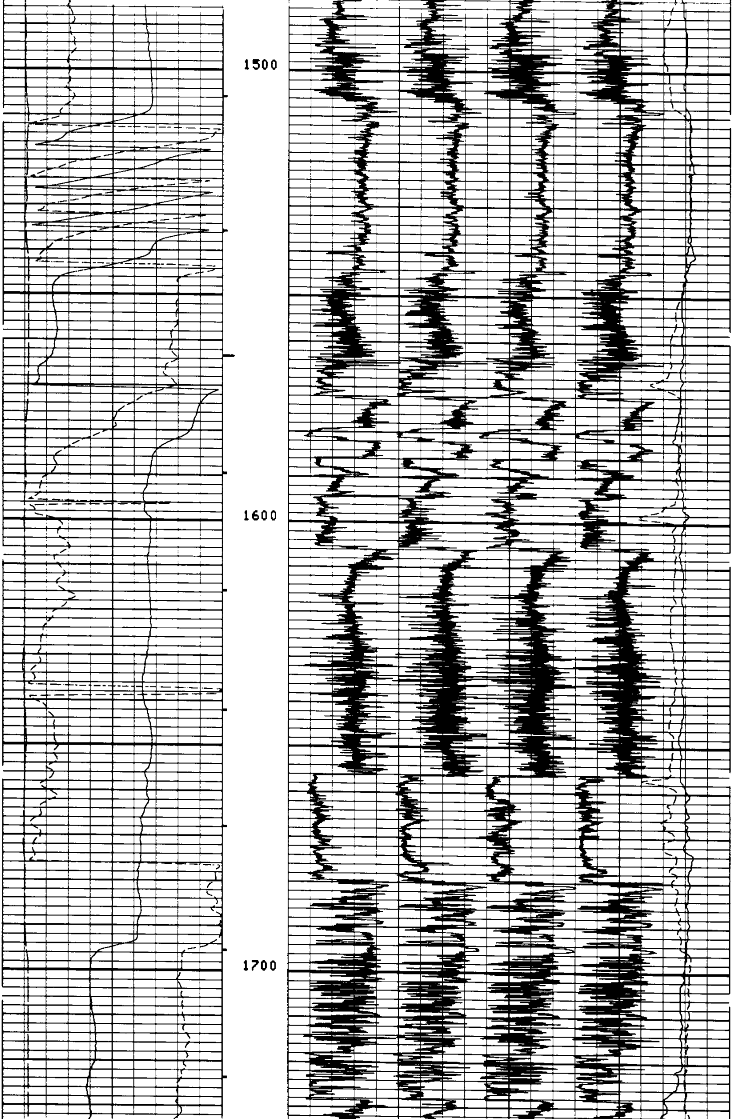
1

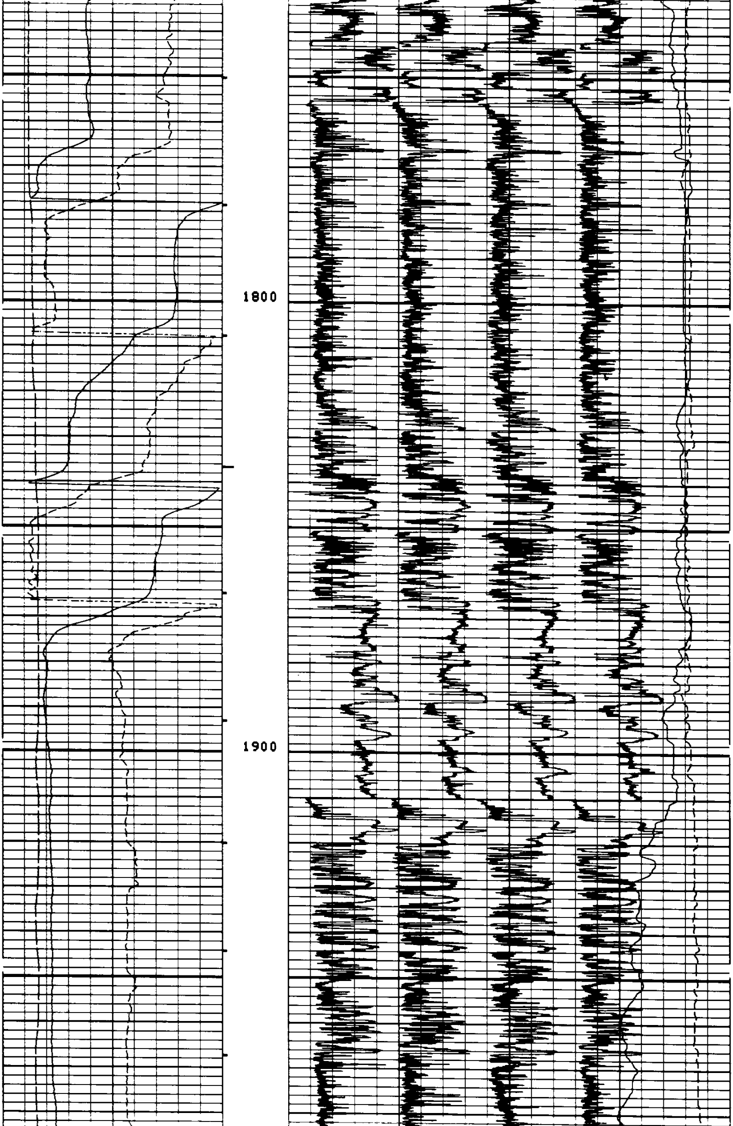


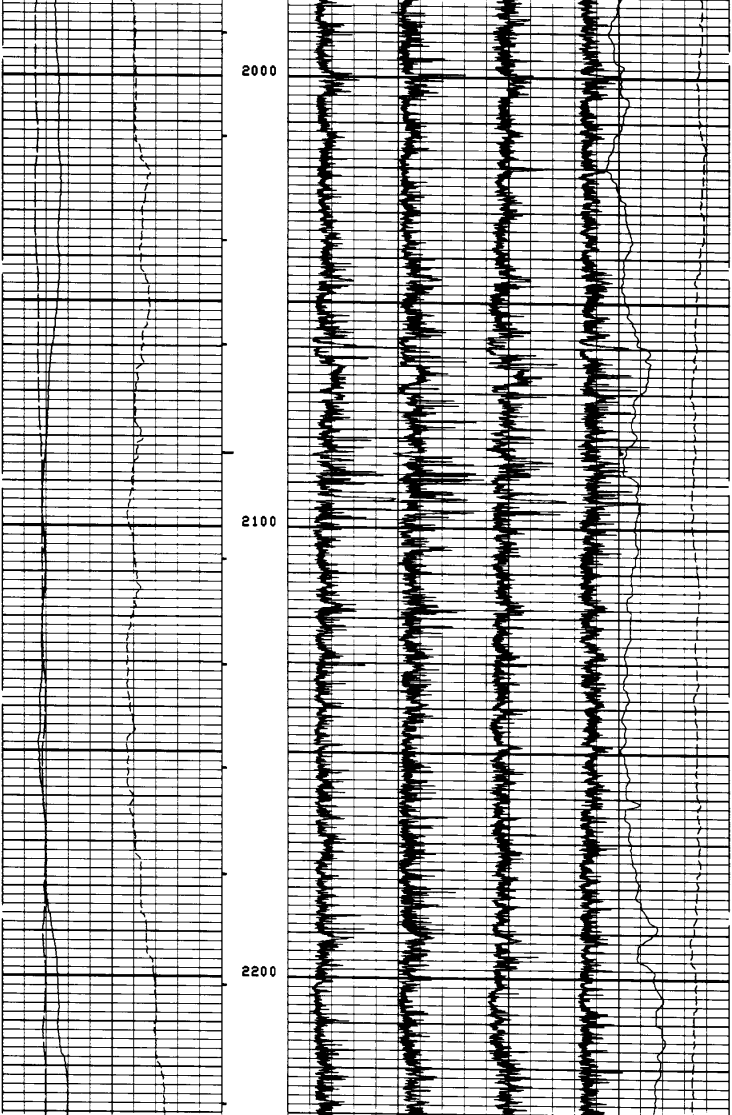


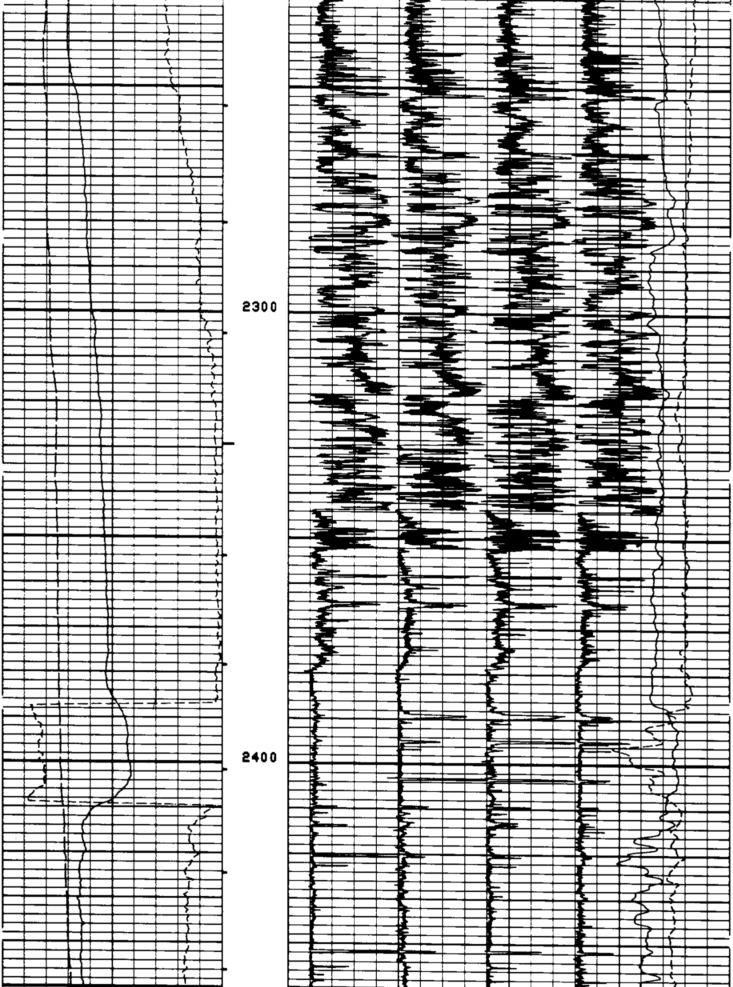


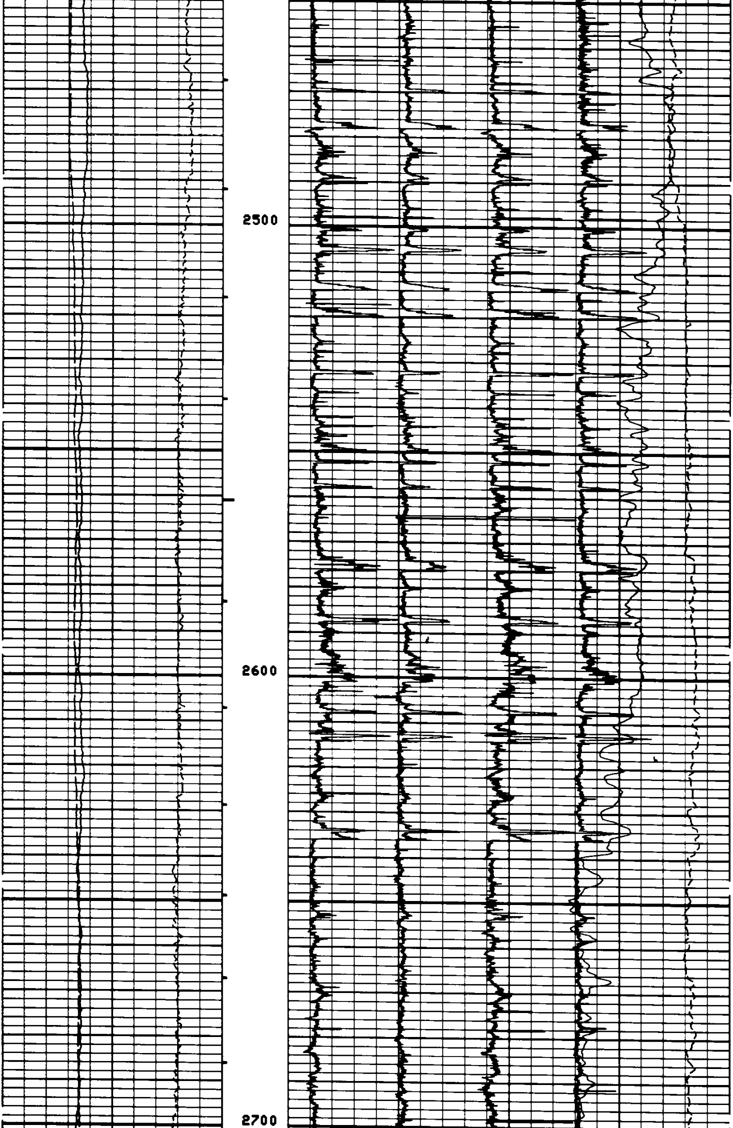


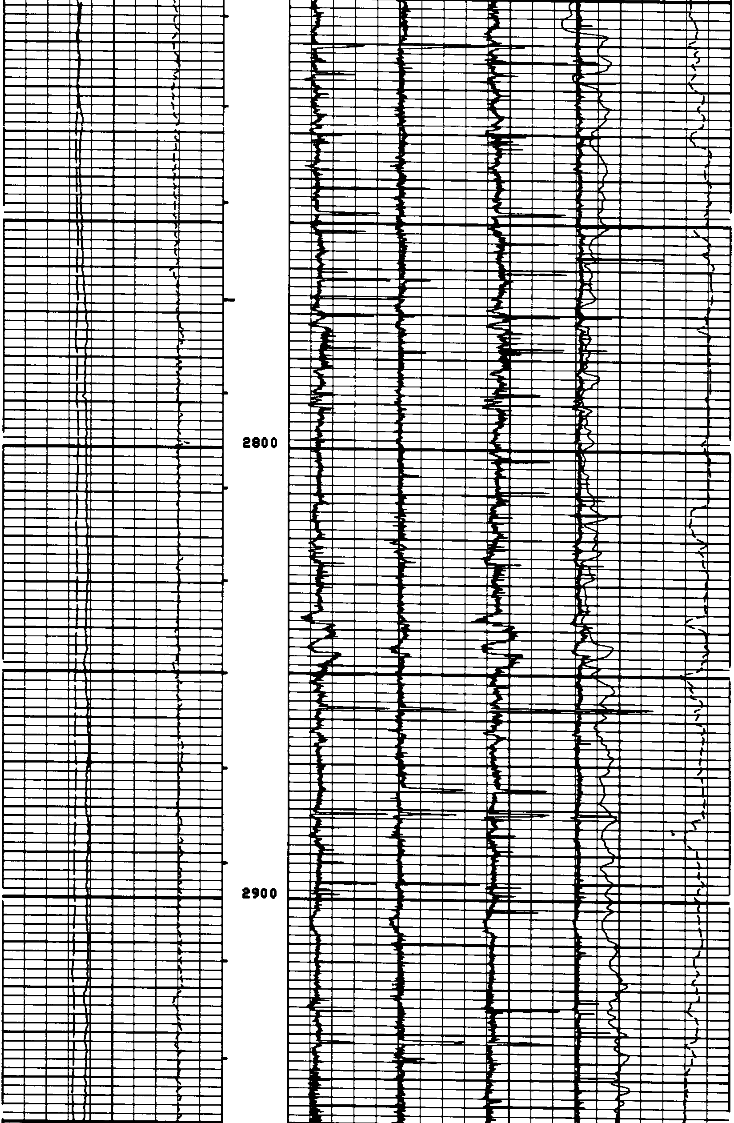


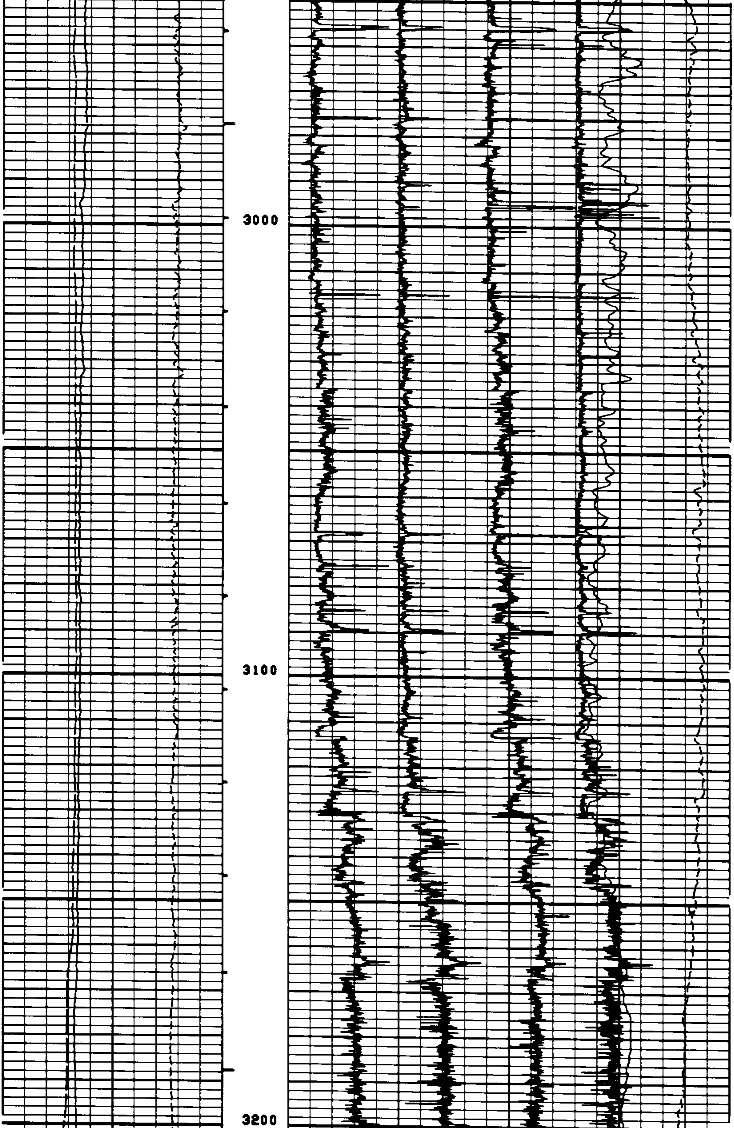


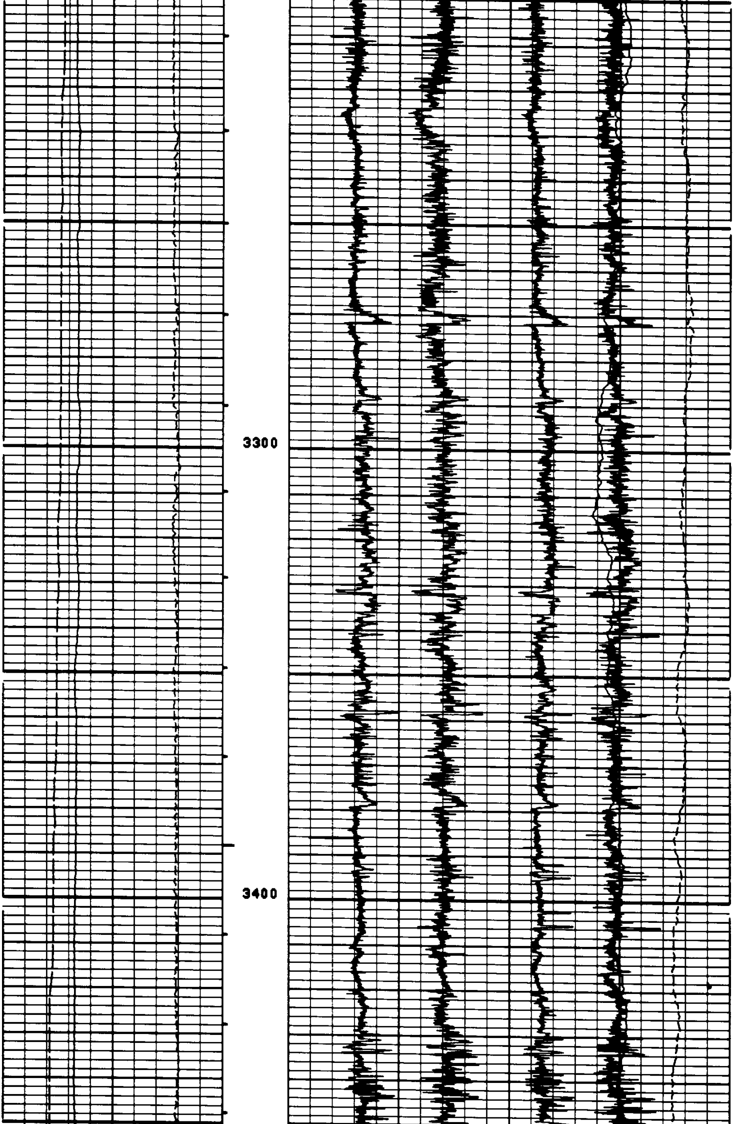


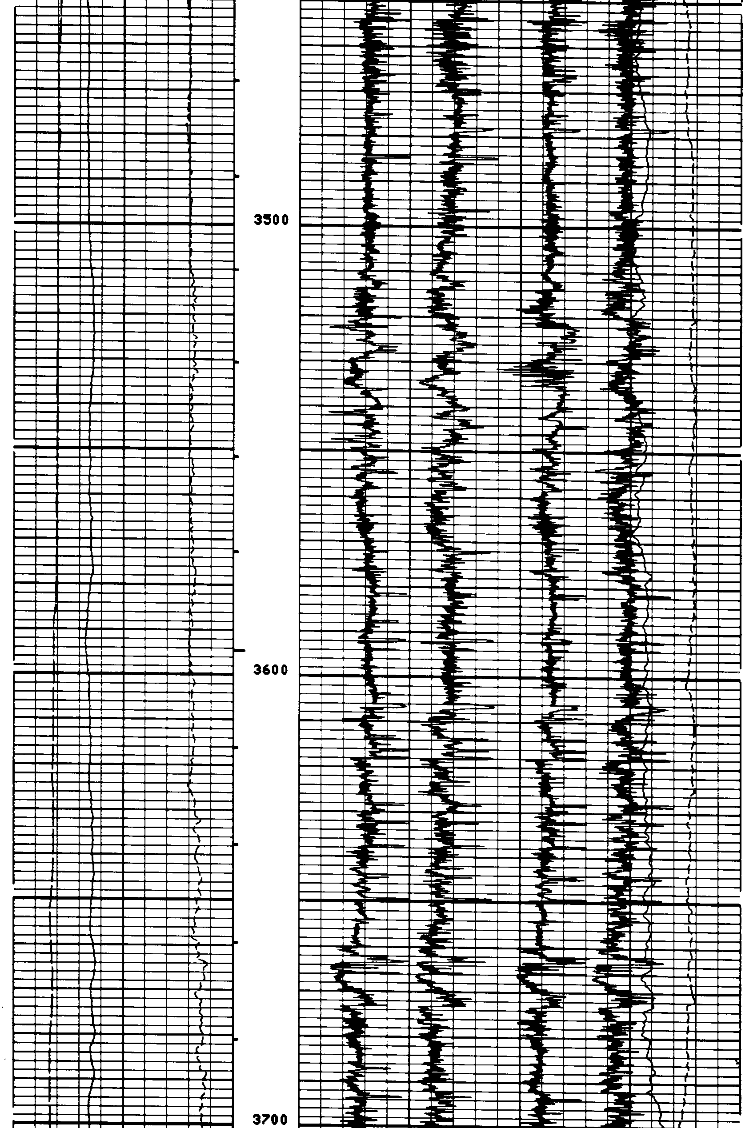


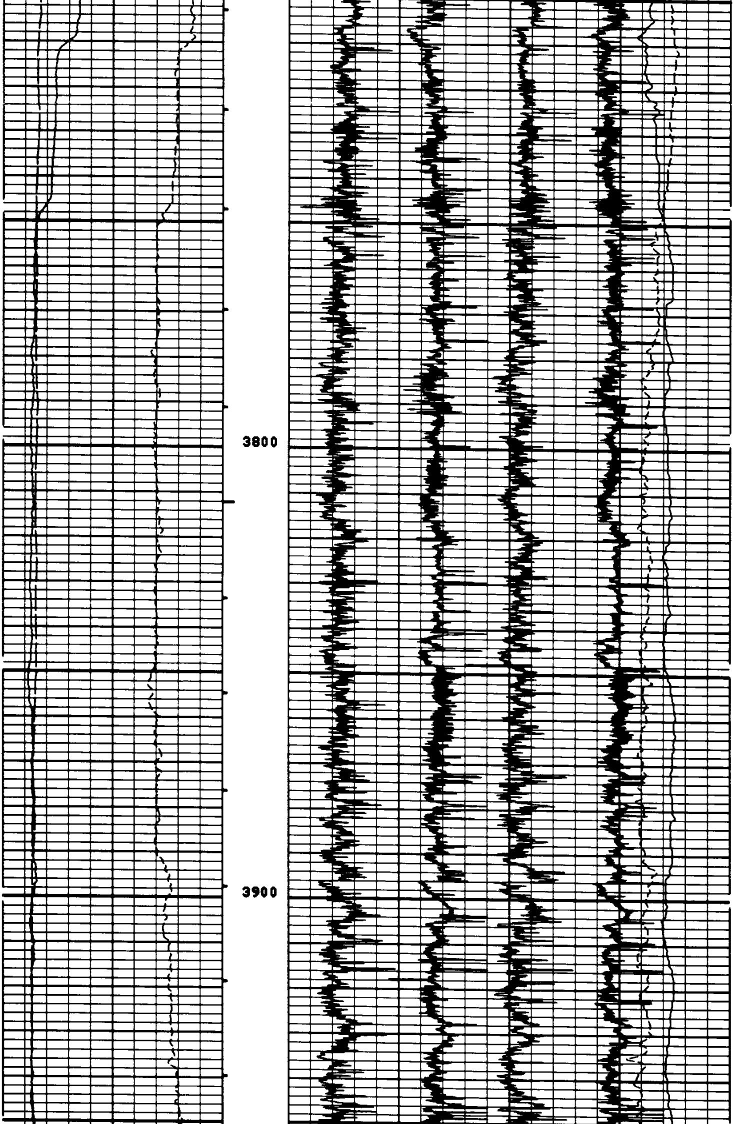


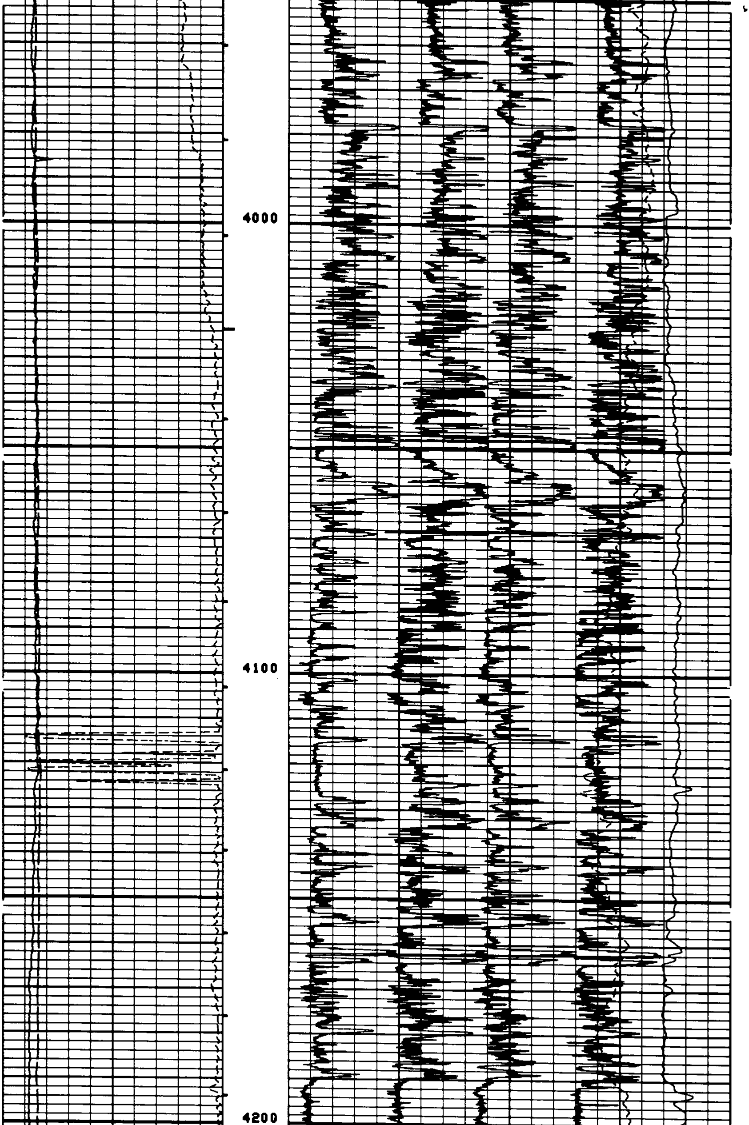


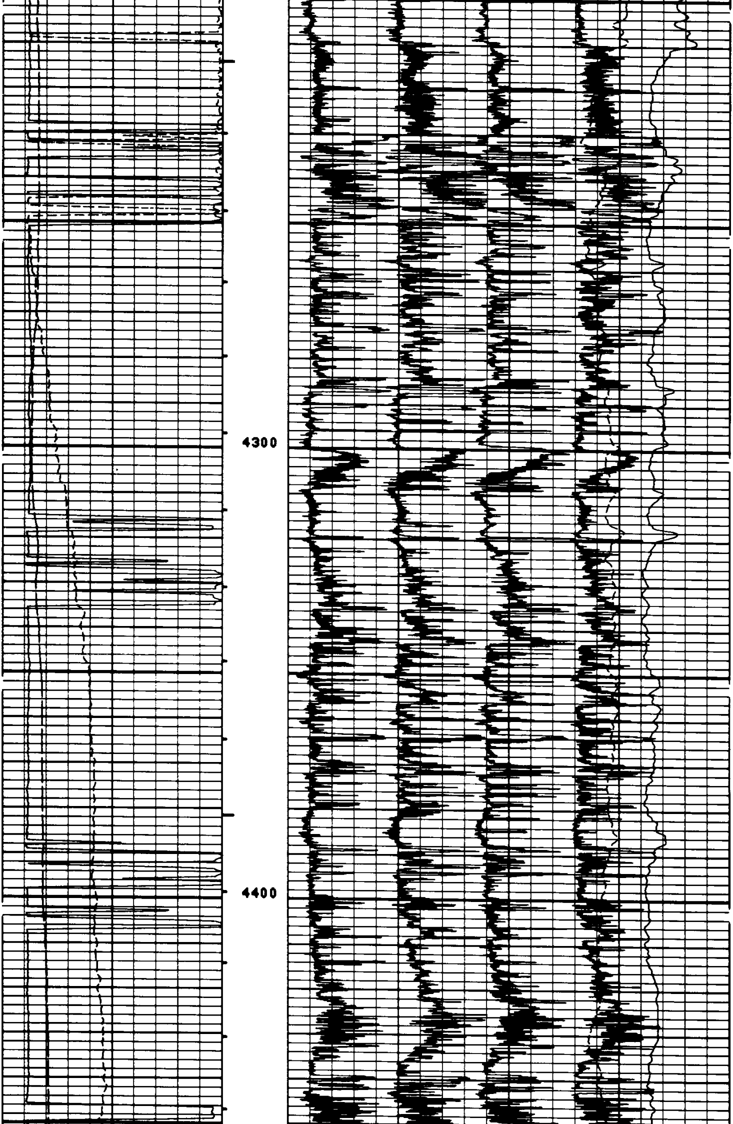


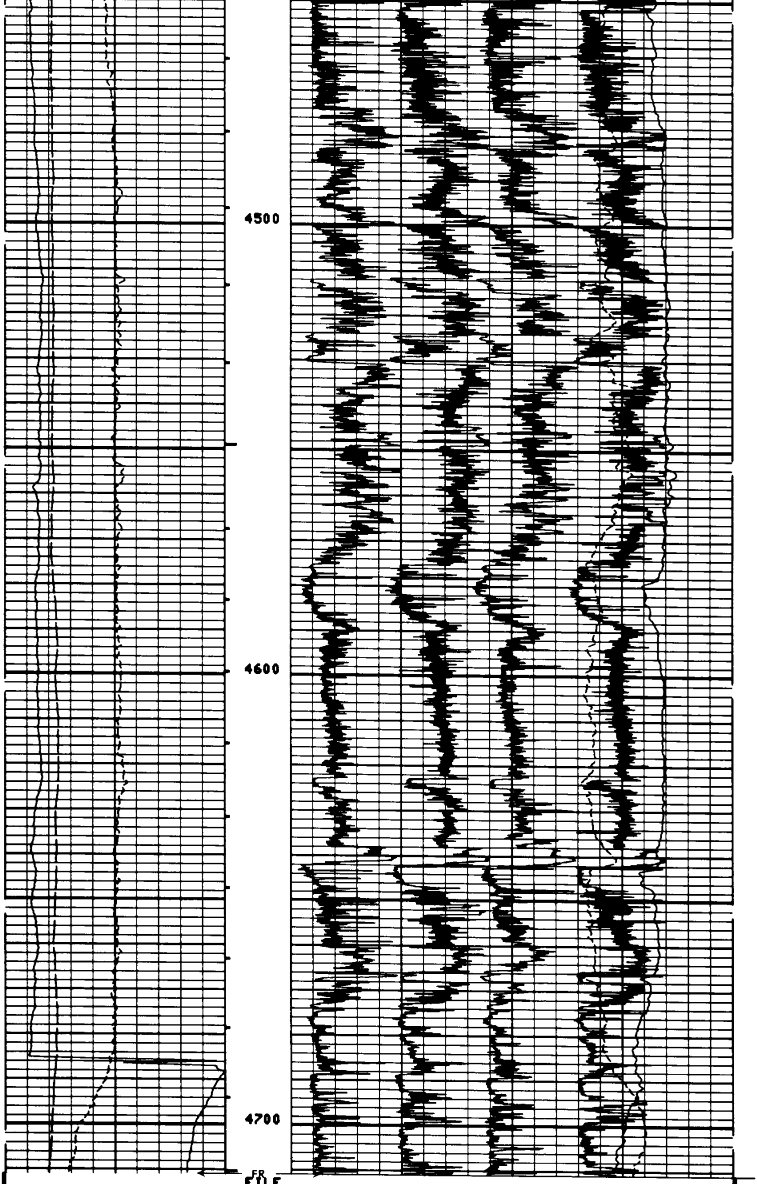












1

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	7.87500	IN
STYP	HDSD		MCT	36	DEG
DO	0.0	F	BHS	OPEN	

CHANGED PARAMETERS

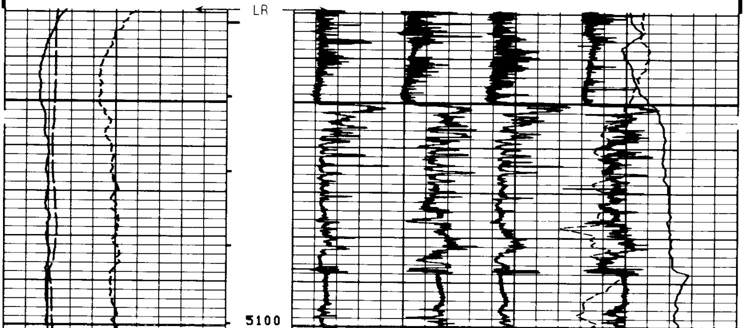
NAME	VALUE	UNIT	NAME	VALUE	UNIT
VHOL	301.961	F3			

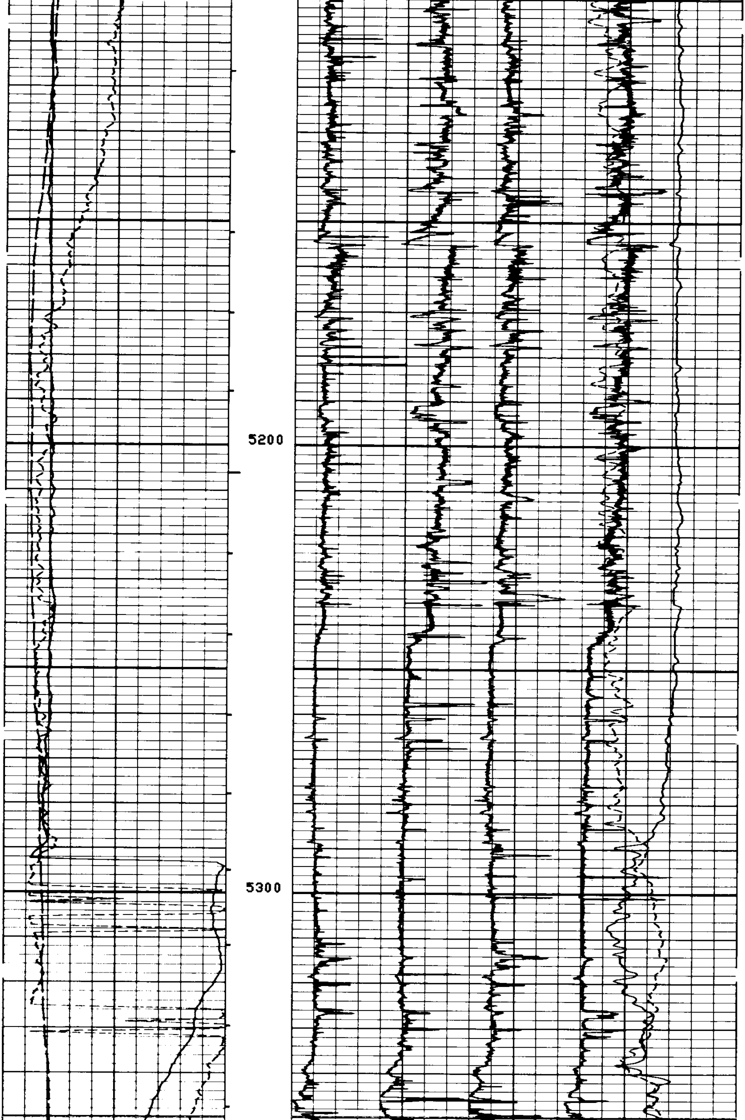
DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

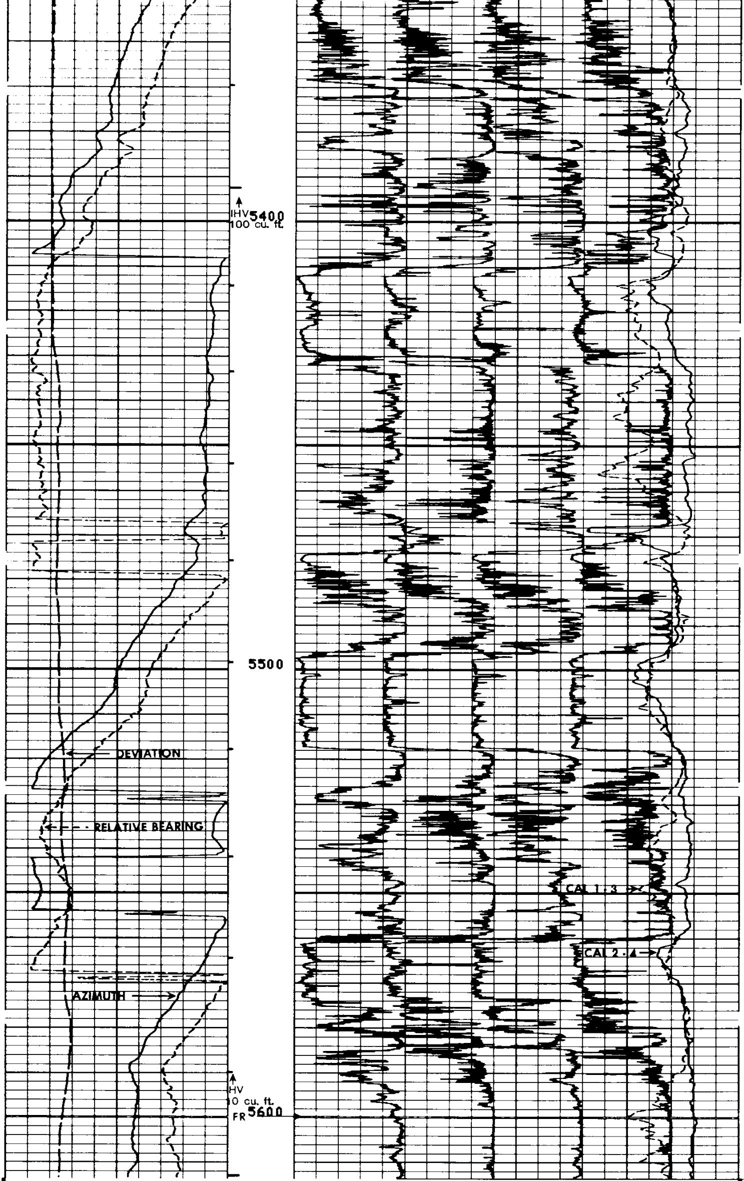
C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

FILE

101







FILE

101

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	7.87500	IN
STYP	HDSD		MCT	36	DEG
DO	0.0	F	BHS	OPEN	

REPEAT SECTION

CHANGED PARAMETERS

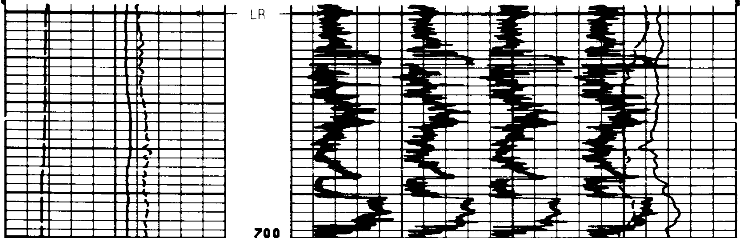
NAME	VALUE	UNIT	NAME	VALUE	UNIT
VHOL	112.937	F3			

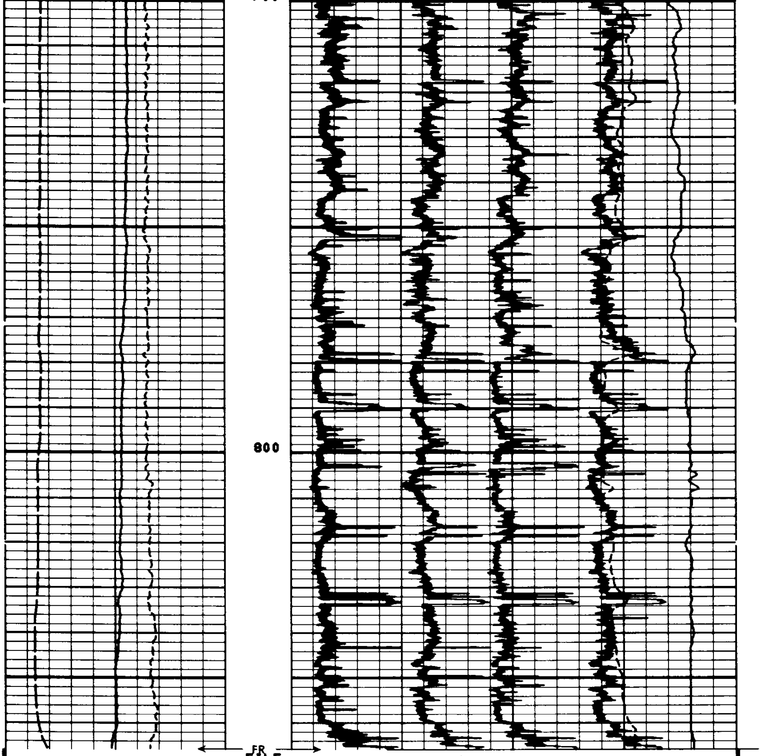
DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

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

FILE

3





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

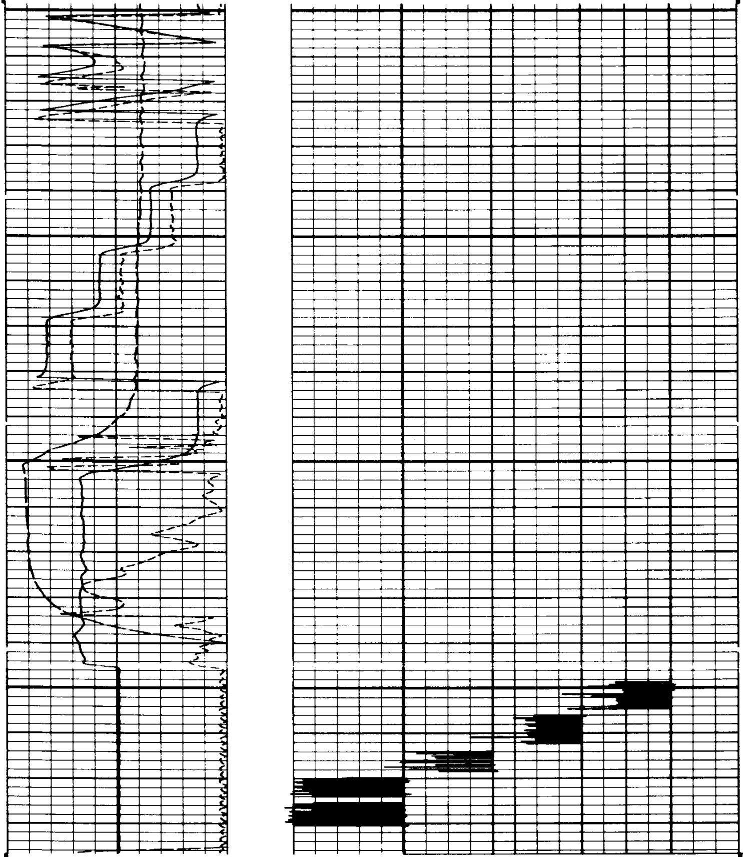
NAME	VALUE	UNIT	NAME	VALUE	UNIT
PVUM	1.00000		BS	7.87500	IN
STYP	HDSD		MCT	36	DEG
DO	0.0	F	BHS	OPEN	

CALIBRATION BEFORE SURVEY

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

1



FILE

1

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	7.87500	IN
STYP	HDSD		MCT	36	DEG
DO	0.0	F	BHS	OPEN	

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 99/00/00
PROGRAM FILE: HDT (VERSION 22.4 82/09/01)

HDT

CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
C1	8.9	13.5	8.0	12.0	IN
C2	8.9	13.4	8.0	12.0	IN

FILE

0

COMPANY NAHAMA & WEAGANT ENERGY COMPANY
WELL KLOHS #1
FIELD NEWBERG [illegible]
COUNTY YAMHILL STATE OREGON

SCHL. FR 5650.0'
SCHL. TD 586[illegible].0'
DRLR. TD 5870.0'
Elev: KB 923.5'
DF N.A
GL 910.0'

SWS - 2872