Schlumberger

DIPMETER

CSU Field Log

COMPANY: REICHHOLD ENERGY CORP.
WELL: COLUMBIA COUNTY #23-22
FIELD: MIST
COUNTY: COLUMBIA
STATE: OREGON
LOCATION: 303.79'S & 1768.59'E
FROM WEST 1/4 CRN OF
SEC: 22 TWP: 6N RGE: 5W

RECEIVED
FEB 7 1984
DEPT OF GEOLOGY & MINERAL INDUS.

OTHER SERVICES-
DIL
SONIC

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 565.8 '
LOG MEASURED FROM: KB
11.4 ' ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 577.2 '
DF:
GL: 565.8 '

PROGRAM TAPE NO: 24.2
SERVICE ORDER NO: 383419

DATE: 16 DEC 83
RUN NO: 1

DEPTH-DRILLER:	2028.0 '
DEPTH-LOGGER:	2028.0 '
BTM. LOG INTERVAL:	2024.0 '
TOP LOG INTERVAL:	335.0 '
CASING-DRILLER:	335 '
CASING-LOGGER:	335 '
CASING:	8.625
BIT SIZE:	7.875
DEPTH:	2028 '

TYPE FLUID IN HOLE:	GEL/LIGNO
DENSITY:	12.2 LB/G
VISCOSITY:	62.0 S
PH:	9.5
FLUID LOSS:	4.6 C3
SOURCE OF SAMPLE:	FLOWLINE
RM:	1.780 OHMM AT 65.0 DEGF
RMF:	2.240 OHMM AT 42.0 DEGF
RMC:	3.750 OHMM AT 42.0 DEGF
SOURCE RMF/RMC:	MEASURED/MEASURED
RM AT BHT:	1.050 OHMM AT 115. DEGF
RMF AT BHT:	0.899 OHMM AT 115. DEGF
RMC AT BHT:	1.506 OHMM AT 115. DEGF
TIME CIRC. STOPPED:	1400 12/16
TIME LOGGER ON BTM.:	2000 12/16
MAX. REC. TEMP:	115.0 DEGF

LOGGING UNIT NO: 8126
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: BORATKO
WITNESSED BY: ALGER

REMARKS:

EQUIPMENT NUMBERS-

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

CHANGED PARAMETERS

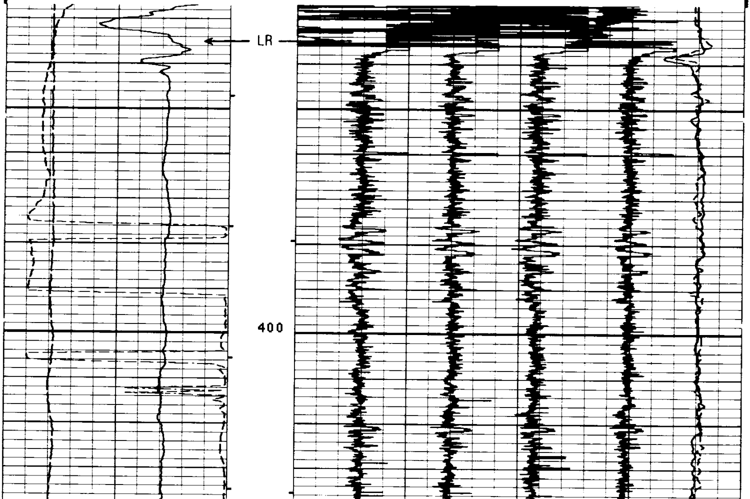
NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)

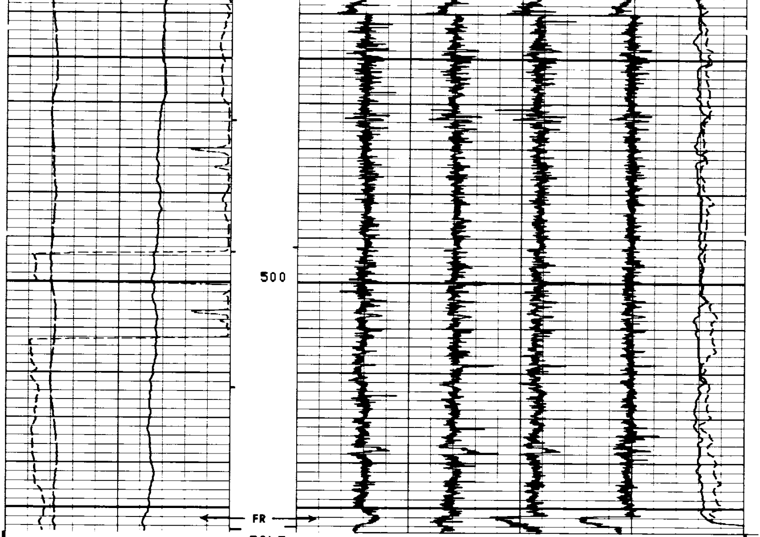
DEVI(DEG)			
-1.000	9.0000		
RB (DEG)		C2 (IN)	
-40.00	360.00	26.000	6.0000
AZIM(DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000

FILE

7

REPEAT SECTION





FILE

7

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	HDSF		MCT	72	DEG
DO	0.0	F	BHS	OPEN	

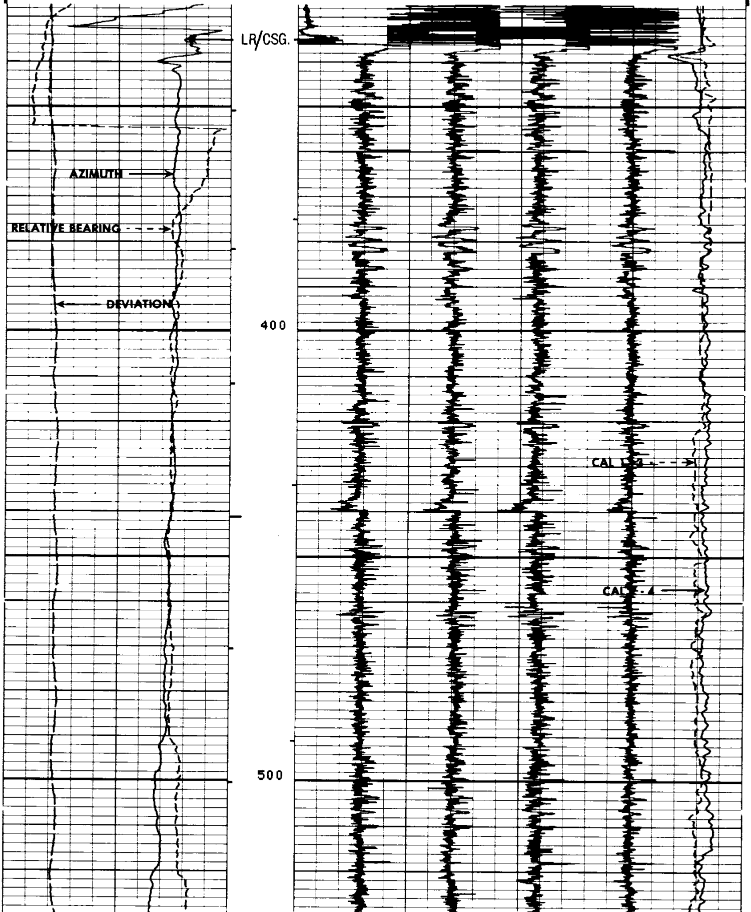
CHANGED PARAMETERS

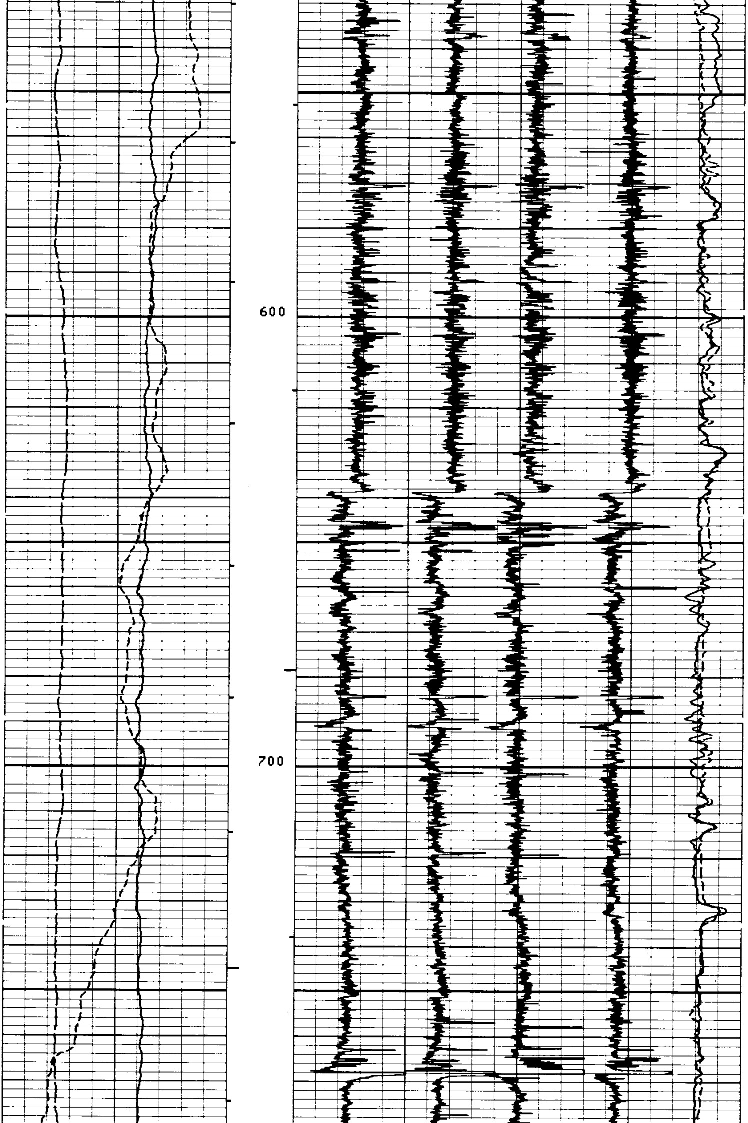
NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)

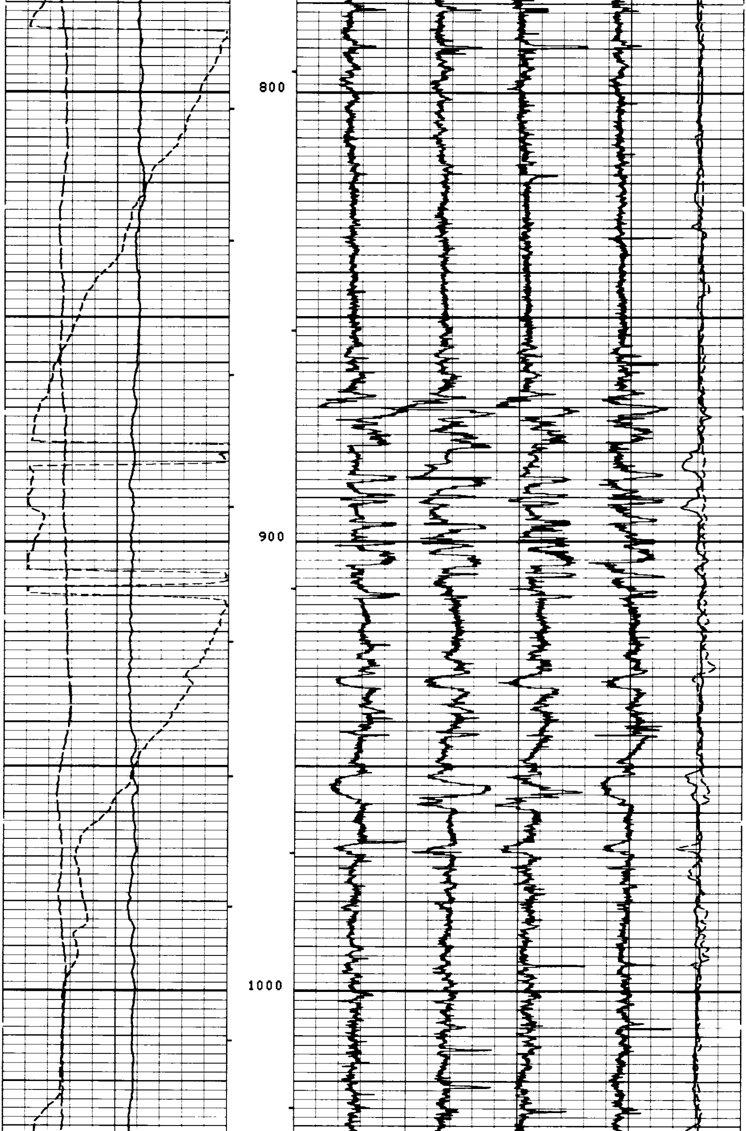
DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

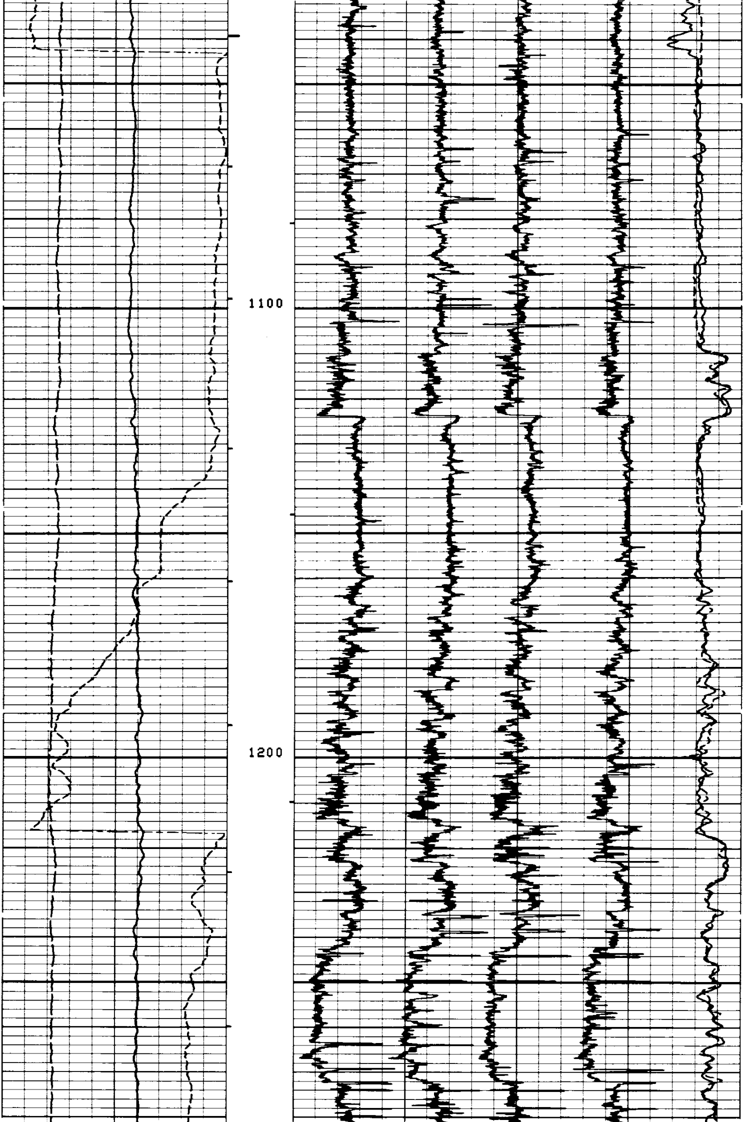
C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

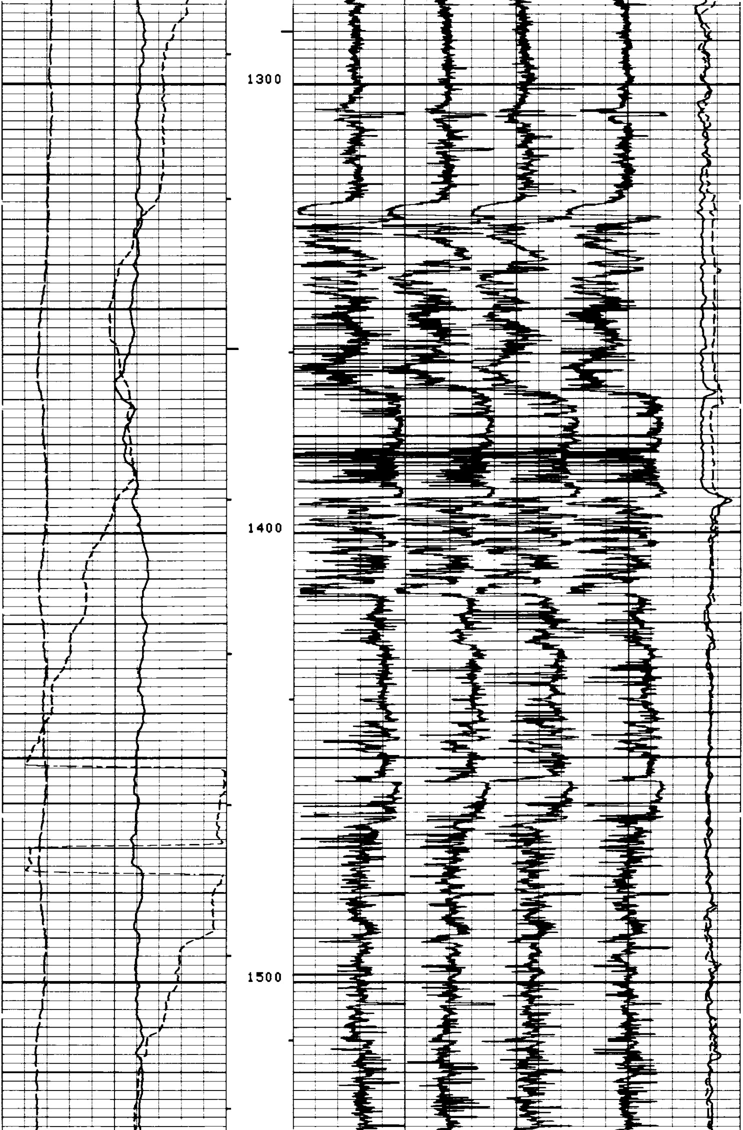
FILE
6

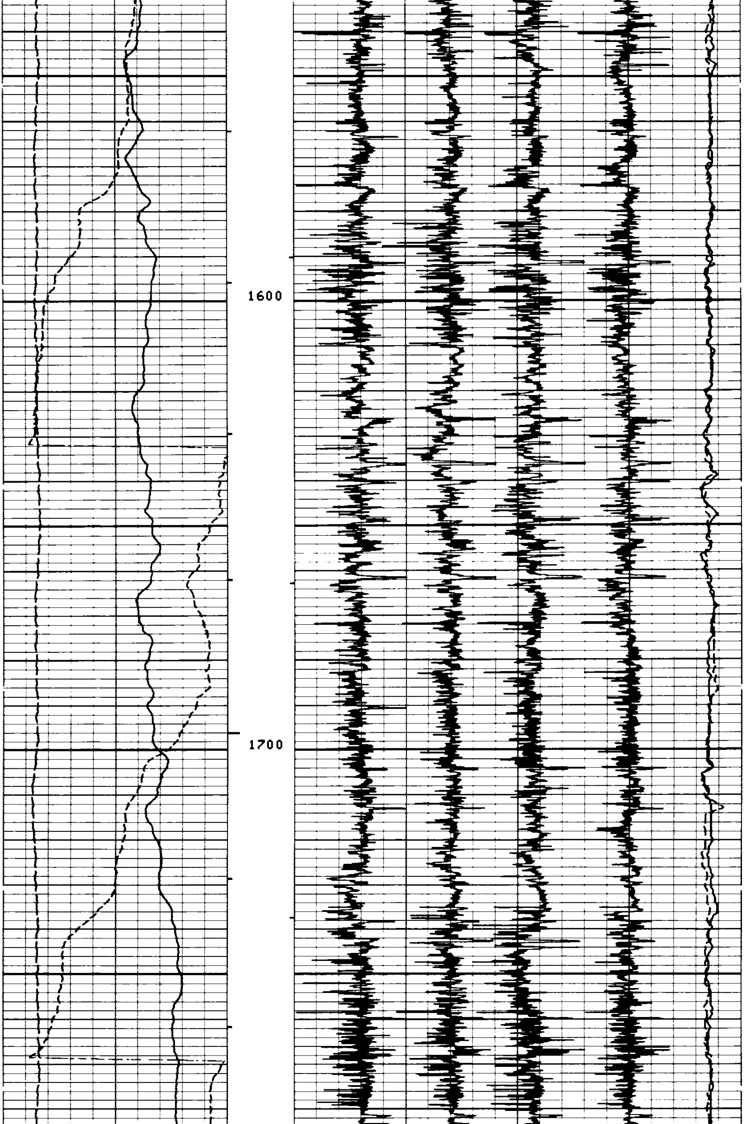


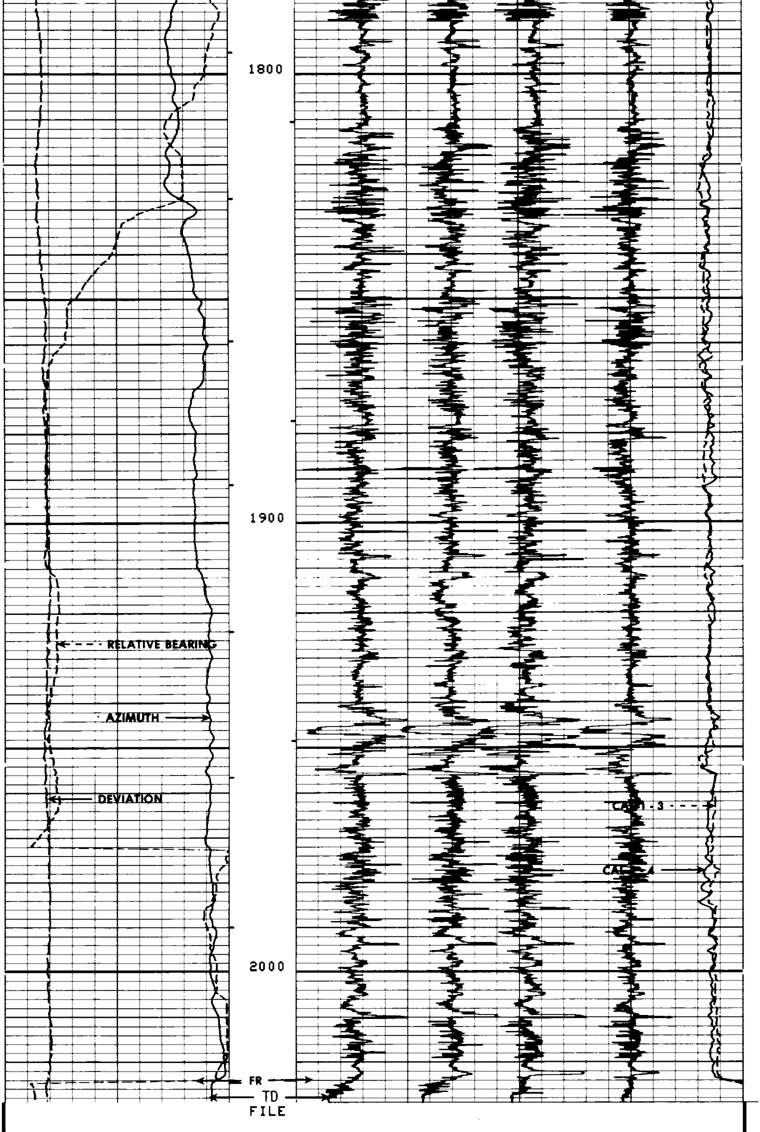












FILE

6

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 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

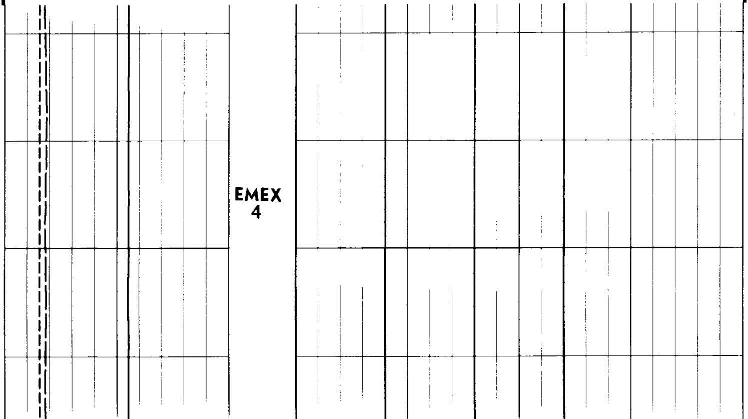
NAME	VALUE	UNIT	NAME	VALUE	UNIT
PVUM	1.00000		BS	7.87500	IN
STYP	HDSF		MCT	72	DEG
DO	0.0	F	BHS	OPEN	

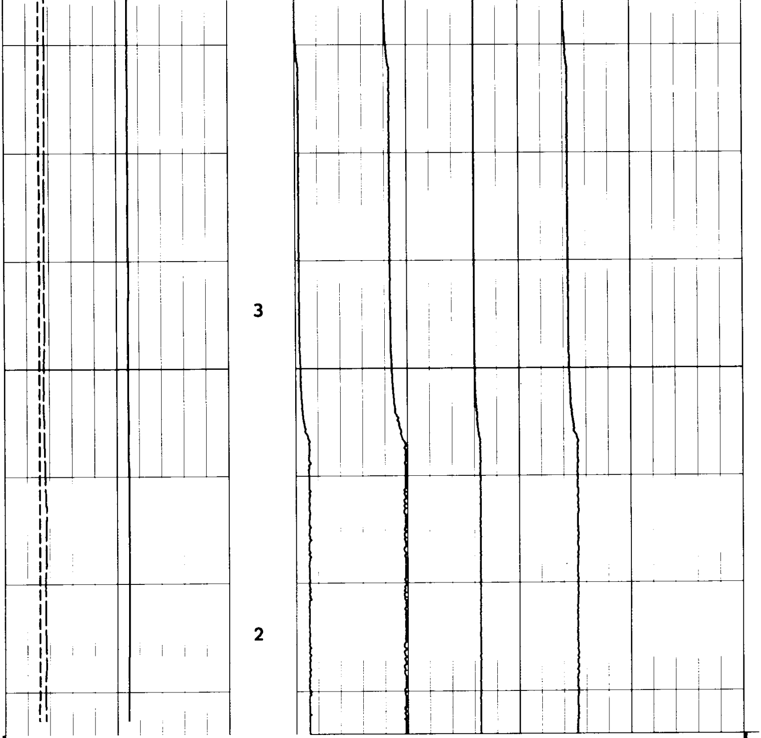
DEVI(DEG)			
-1.000	9.0000		
RB (DEG)		C2 (IN)	
-40.00	360.00	26.000	6.0000
AZIM(DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000

FILE

5

NOISE CHECK





FILE

5

DEVI(DEG)		C2 (IN)	
-1.000	9.0000	26.000	6.0000
RB (DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000
AZIM(DEG)			
-40.00	360.00		

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			

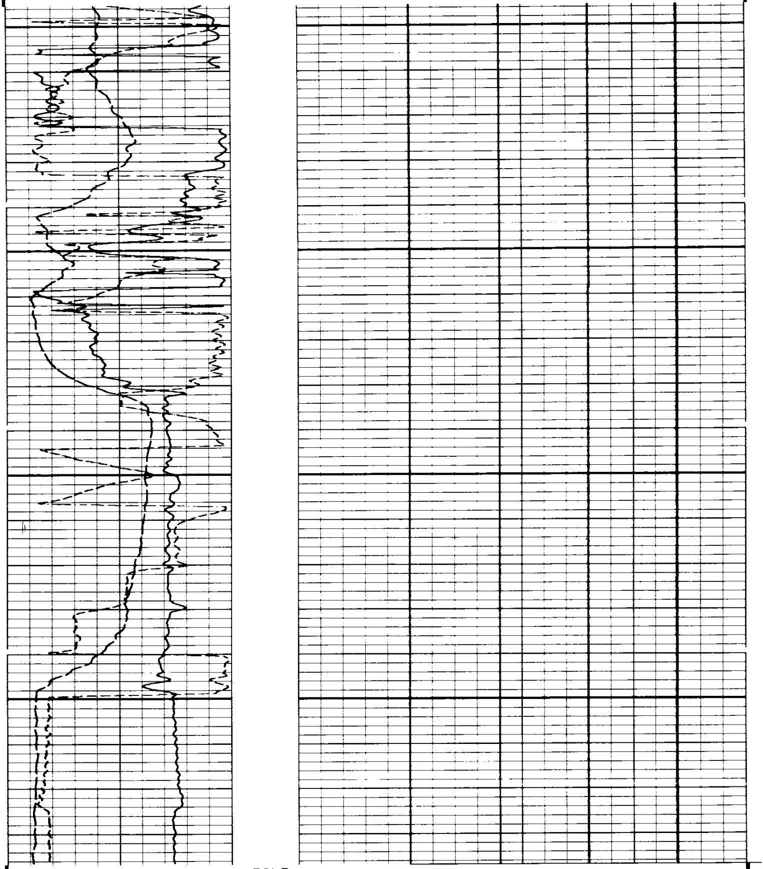
PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PVUM	1.00000		BS	7.87500	IN
STYP	HDSF		MCT	72	DEG
DO	0.0	F	BHS	OPEN	

DEVI(DEG)		C2 (IN)	
-1.000	9.0000	26.000	6.0000
RB (DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000
AZIM(DEG)			
-40.00	360.00		

FILE

4



FILE

4

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

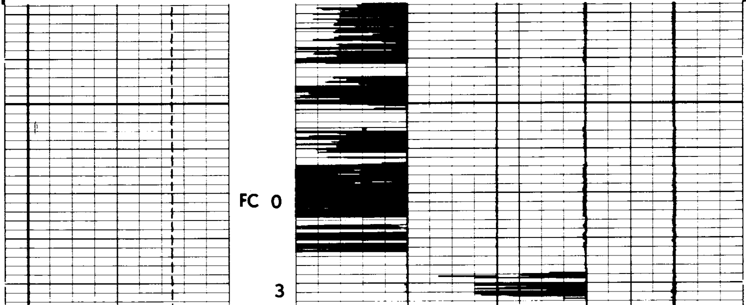
NAME	VALUE	UNIT	NAME	VALUE	UNIT
PVUM	1.00000		BS	7.87500	IN
STYP	HDSF		MCT	72	DEG
DO	0.0	F	BHS	OPEN	

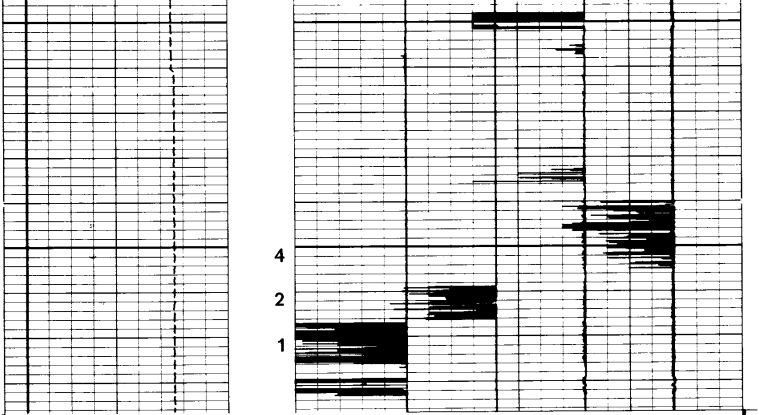
DEVI(DEG)	
-1.000	9.0000
RB (DEG)	
-40.00	360.00
AZIM(DEG)	
-40.00	360.00

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

FILE

3





FILE

3

DEVI(DEG)
-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	HDSF		MCT	72	DEG
DD	0.0	F	BHS	OPEN	

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              BEFORE SURVEY CALIBRATION SUMMARY


  PERFORMED:      83/12/16
  PROGRAM FILE: HDT    (VERSION    24.2    83/03/29)


HDTF                 CALIPER CALIBRATION SUMMARY

             MEASURED                     CALIBRATED
          SMALL   LARGE                 SMALL     LARGE       UNITS
    C1     7.2    14.1                   6.0      12.0         IN
    C2     7.8    14.5                   6.0      12.0         IN
                     FILE

                        2
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CALIBRATION RECORD

COMPANY REICHHOLD ENERGY CORP.
WELL COLUMBIA COUNTY #23-22
FIELD MIST
COUNTY COLUMBIA STATE OREGON

SCHL. FR 2024.0
SCHL. TD 2028.0
DRLR. TD 2028.0

Elev: KB 577.2
DF N/A
GL 565.8