agy

Schlumberger

HIGH RESOLUTION DIPMETER

CSU

COMPANY: ARCO OIL AND GAS

WELL: CAVENHAM FOREST IND. #41-9

FIELD: MIST
COUNTY: COLUMBIA
STATE: OREGON
NATION: USA
LOCATION: 1244.46' SOUTH AND 355.73' WEST
FROM THE NE CORNER OF:
SEC: 9 TWP: 5 NORTH RGE: 4 WEST

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 835.9 F
LOG MEASURED FROM: KB
11.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 846.9 F
DF: 845.9 F
GL: 835.9 F

DATE: 9 OCT 86
RUN NO: ONE

DEPTH-DRILLER: 2500.0 F
DEPTH-LOGGER: 2490.0 F
BTM. LOG INTERVAL: 2490.0 F
TOP LOG INTERVAL: 470.0 F

CASING-DRILLER: 470.0 F
CASING-LOGGER: 470.0 F
CASING: 9 5/8"
WEIGHT: 47.0000 LB/F
BIT SIZE: 8 1/2"
DEPTH: 2500.0 F

RECEIVED
JAN 28 1987
DOGAMI
Portland

OTHER SERVICES-
DIL
BHC
HDT
FDC/CNL/GR
WST

PROGRAM
TAPE NO:
28.4A
SERVICE
ORDER NO:
524312

TYPE FLUID IN HOLE: LIGNOSULFONATE
DENSITY: 9.90 LB/G
VISCOSITY: 38.0 S
PH: 10.0
FLUID LOSS: 5.0 C3
SOURCE OF SAMPLE: FLOWLINE
RM: 2.680 OHMM AT 78.0 DEGF
RMF: 4.290 OHMM AT 60.0 DEGF
RMC: 3.100 OHMM AT 61.0 DEGF
SOURCE RMF/RMC: MEAS/MEAS
RM AT BHT: 2.170 OHMM AT 98.0 DEGF
RMF AT BHT: 2.737 OHMM AT 98.0 DEGF
RMC AT BHT: 2.008 OHMM AT 98.0 DEGF

TIME CIRC. STOPPED: 0350 10/9
TIME LOGGER ON BTM.: 1100 10/9

MAX. REC. TEMP: 98.0 DEGF

LOGGING UNIT NO: 8128

LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: BLAZE
WITNESSED BY: M. ANDERSON

REMARKS:

RIG: H&C #5

EQUIPMENT NUMBERS-

DIS 1181	DIC 658	PGS 542	PDH 340
GSR 6608	SFT 1171	CNC 1132	

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.

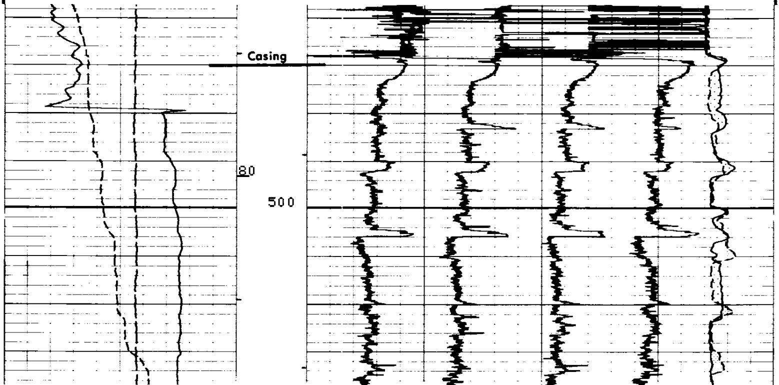
CP 28.4A FILE 4 09-OCT-86 12:35

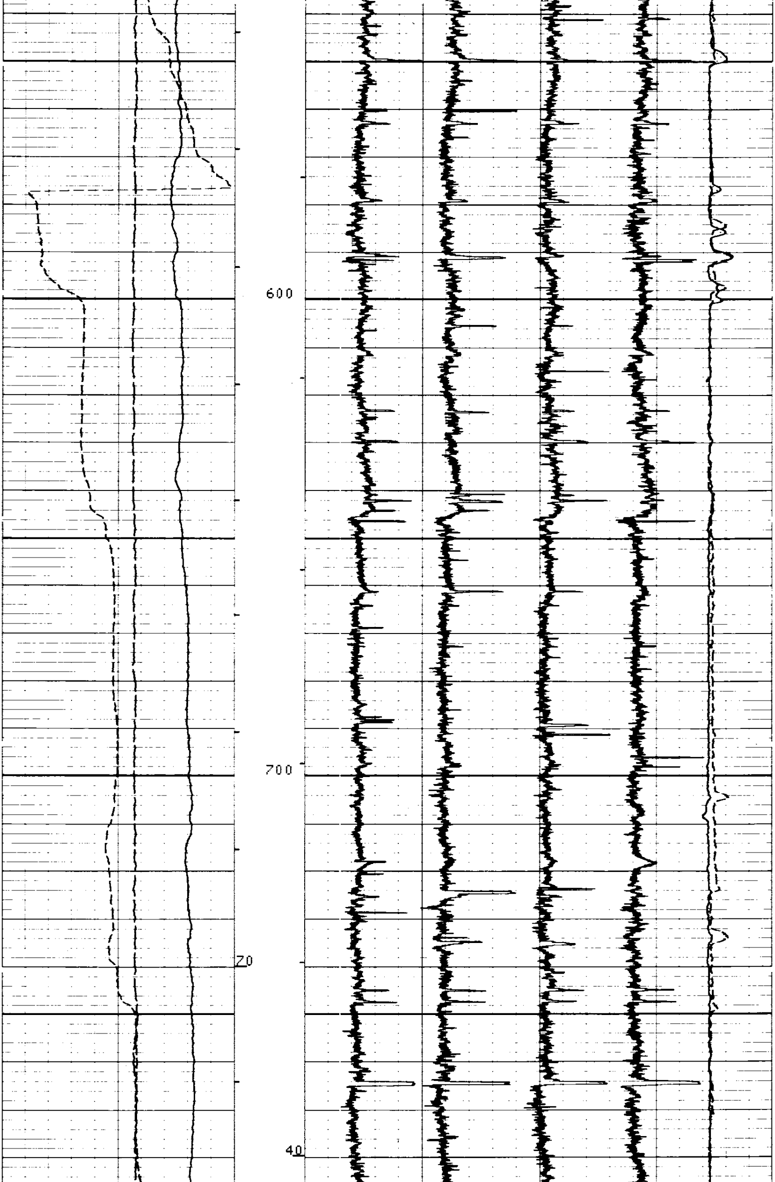
EVENT MARK SUMMARY:

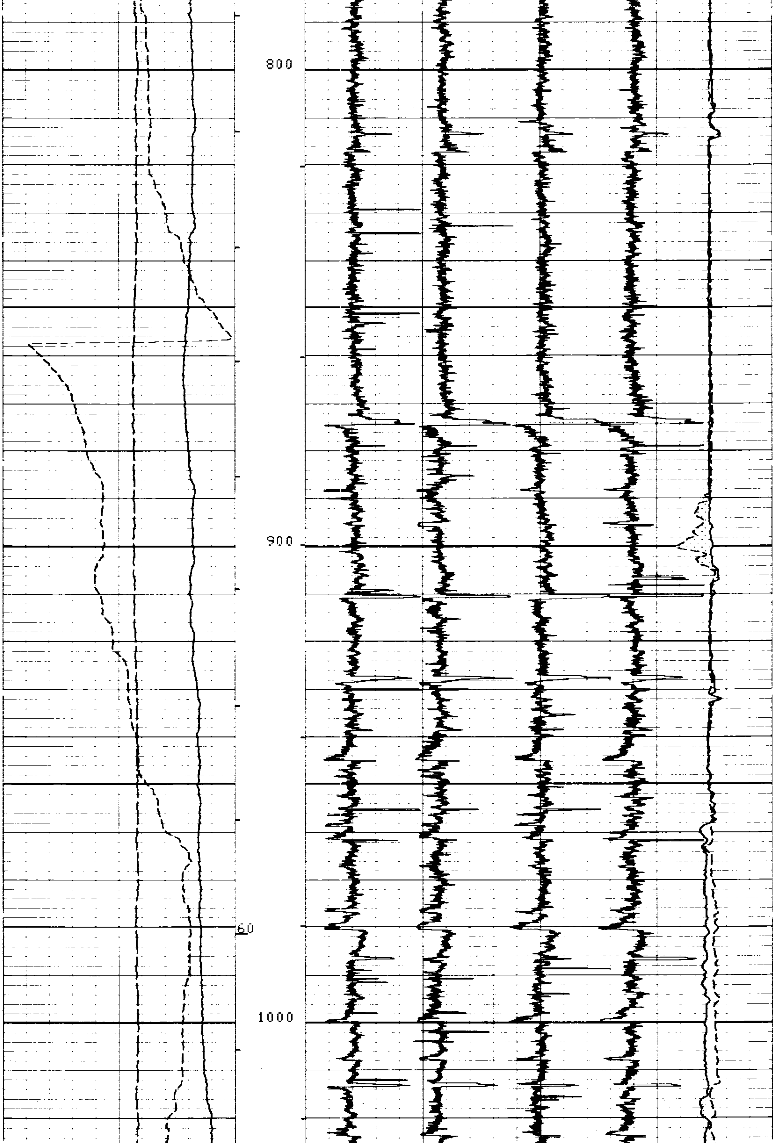
OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
IHV	10.0000 F3	LEFT EDGE
ICV	10.0000 F3	RIGHT EDGE

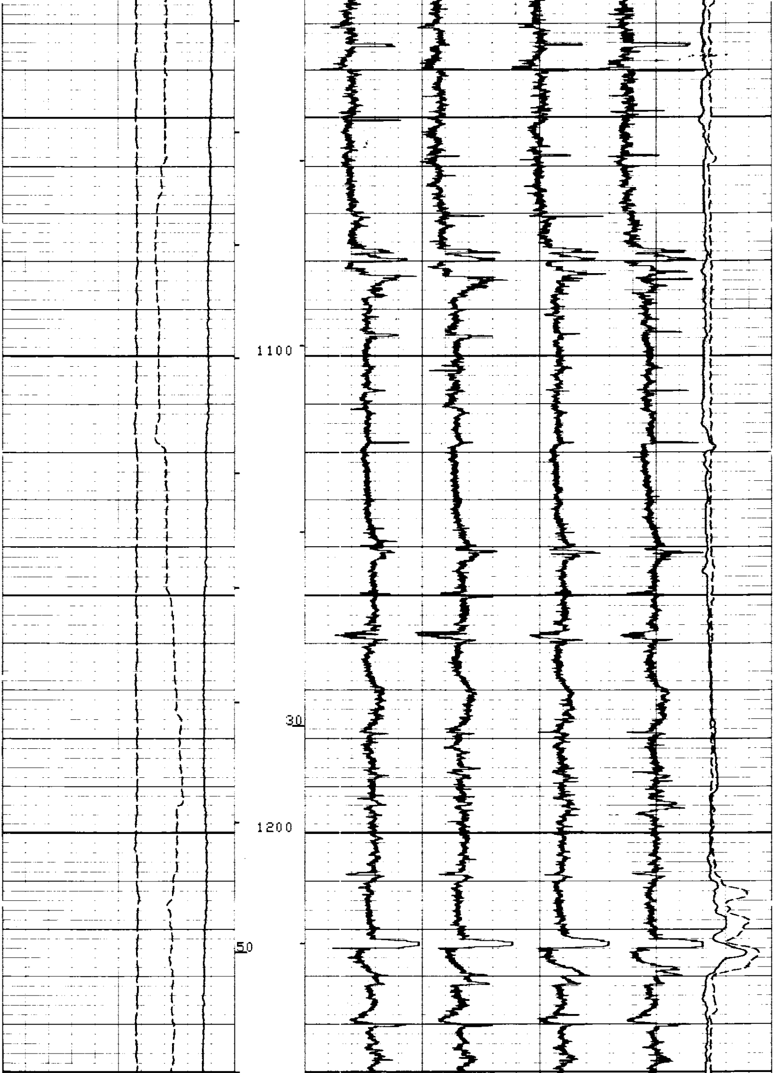
DEVI(DEG)	-1.000	9.0000
RB (DEG)	-40.00	360.00
AZIM(DEG)	-40.00	360.00
C2 (IN)	26.000	6.0000
C1 (IN)	26.000	6.0000

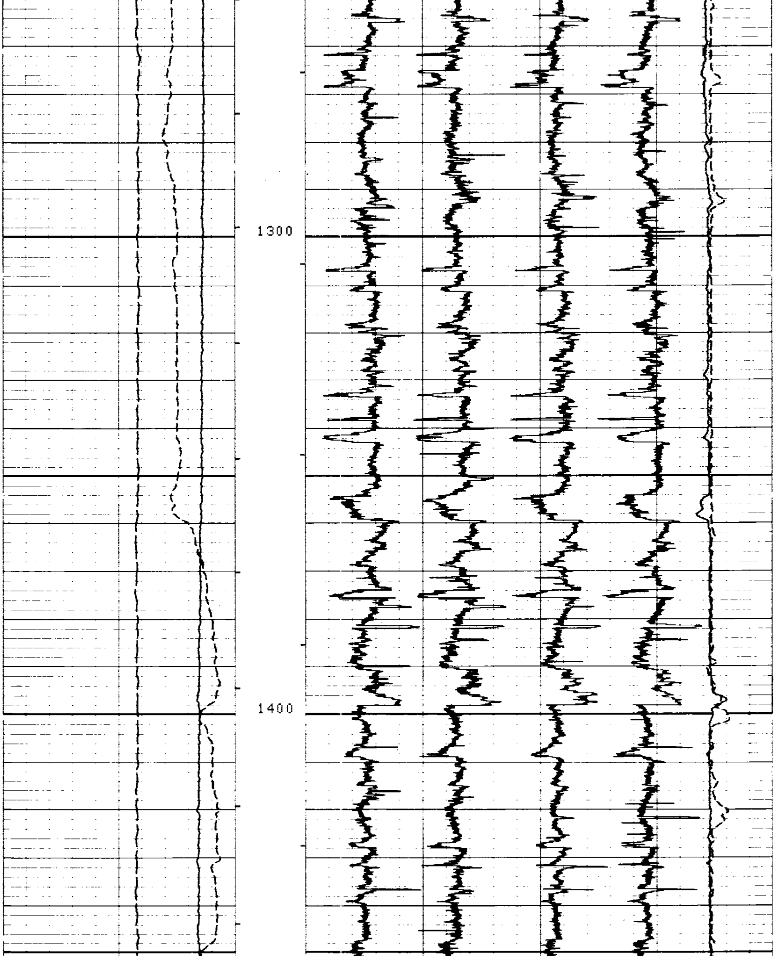
CP 28.4A FILE 2 09-OCT-86 12:28

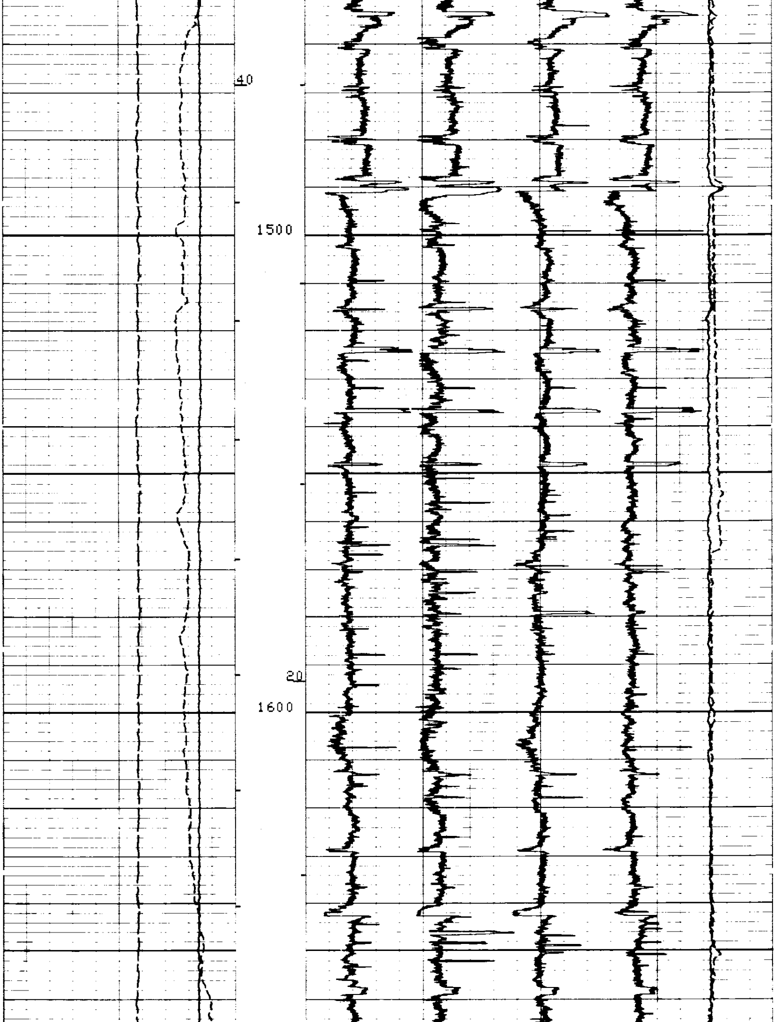


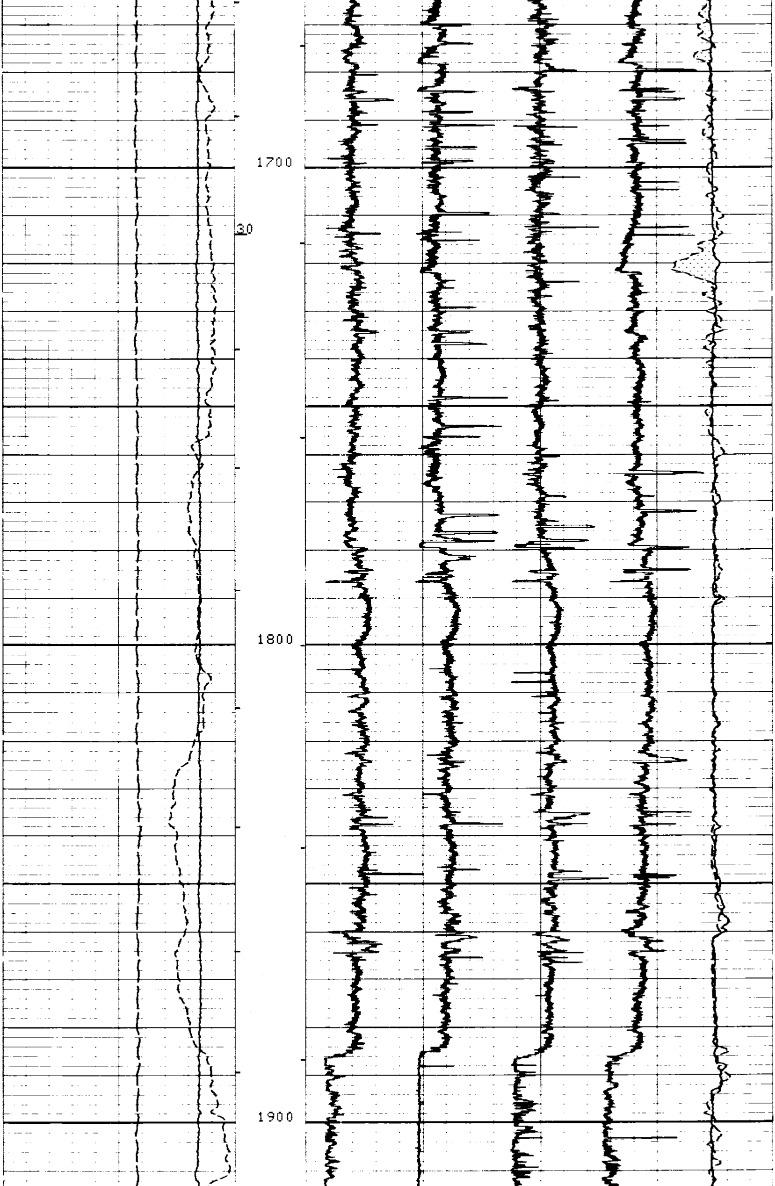


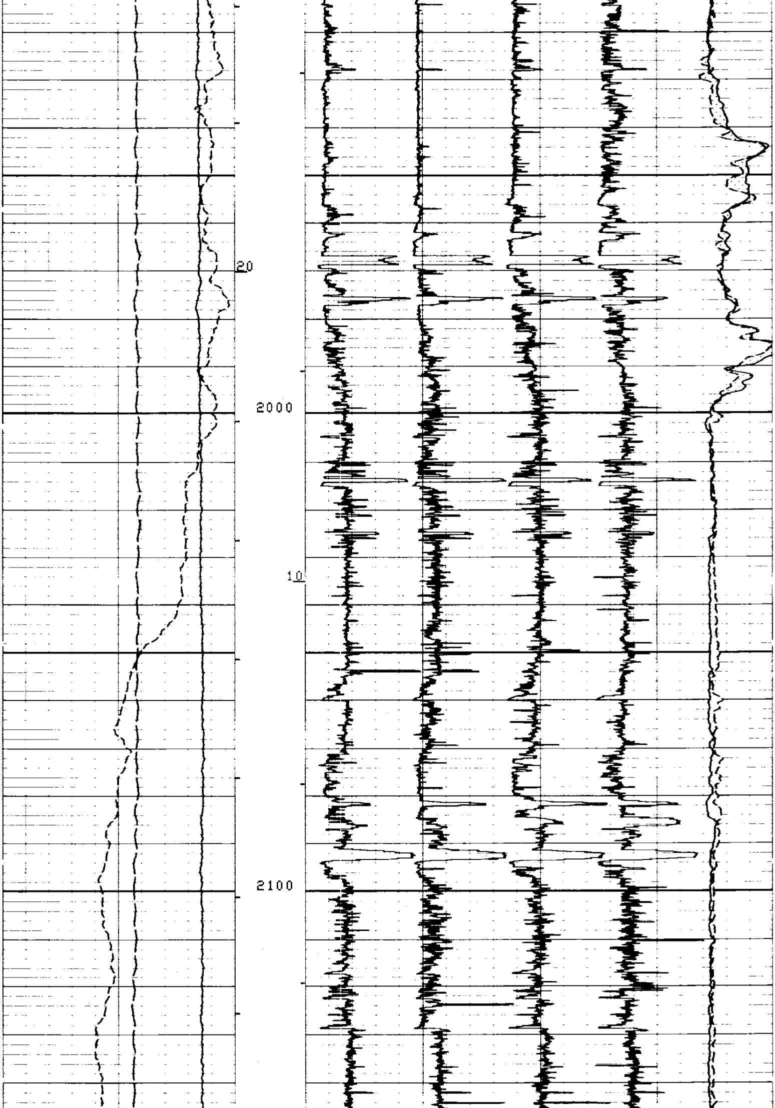


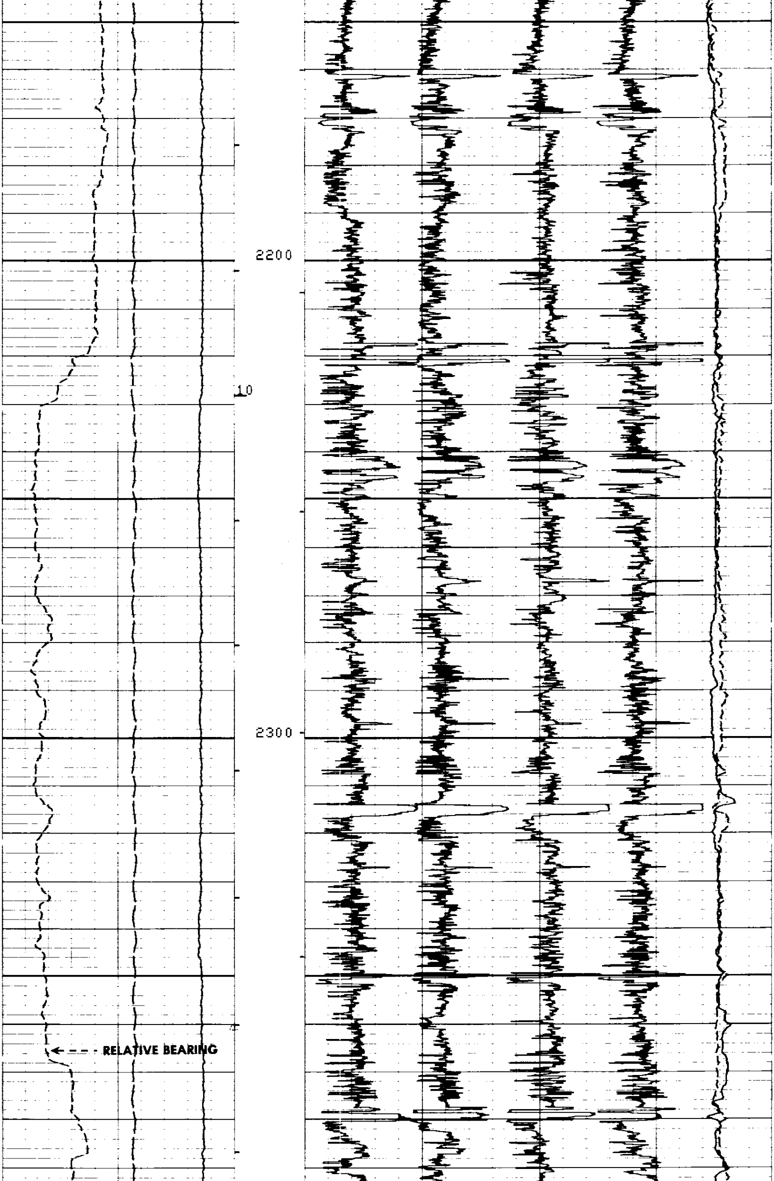


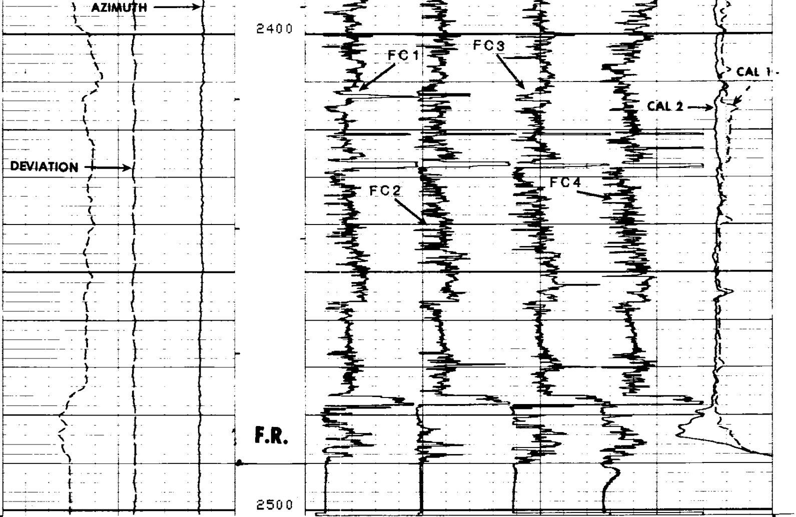












CP 28.4A FILE 2 09-OCT-86 11:42

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	72		MDEC	21	DEG
BHS	OPEN		STYP	HDSD	
BS	8.50000	IN			

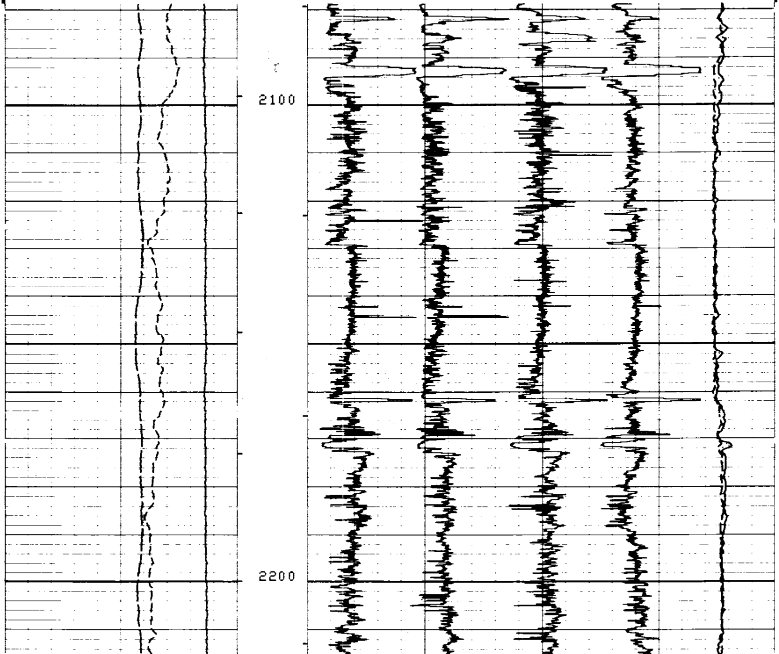
EVENT MARK SUMMARY:

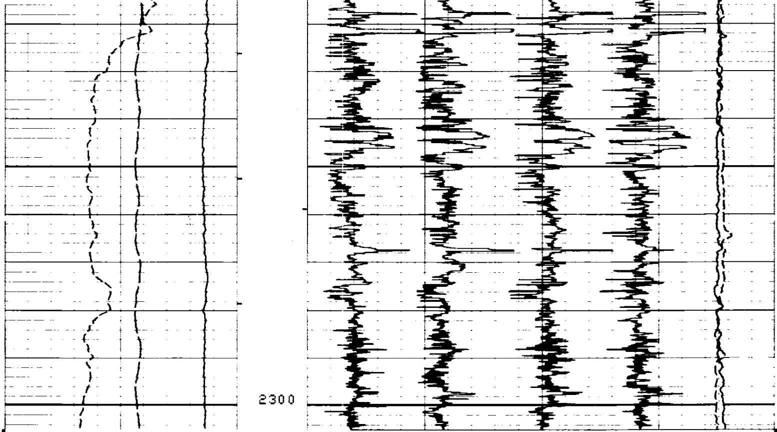
OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
IHV	10.0000 F3	LEFT EDGE
ICV	10.0000 F3	RIGHT EDGE

Curve	Left	Right
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

REPEAT SECTION

CP 28.4A FILE 1 09-OCT-86 11:40





CP 28.4A FILE 1 09-OCT-86 11:35 **REPEAT SECTION**

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			

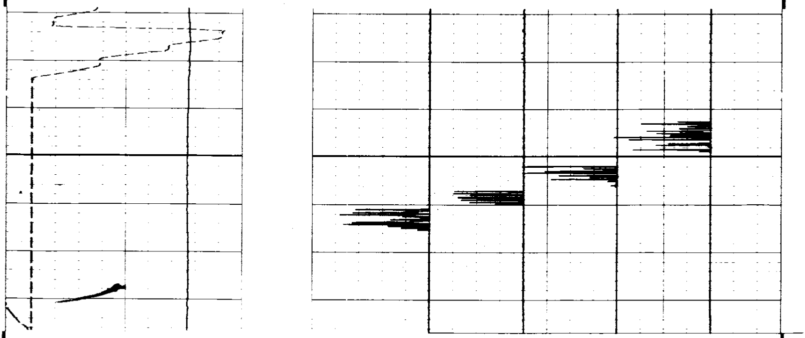
PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
MCT	72		MDEC	21	DEG
BHS	OPEN		STYP	HDSD	
BS	8.50000	IN			

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

PAD SCRATCH

CP 28.4A FILE 2 09-OCT-86 02:51



CP 28.4A FILE 2 09-OCT-86 02:49

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	72		MDEC	0	DEG
BHS	OPEN		STYP	HDSD	
BS	8.50000	IN			

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 09-OCT-86 02:36
PROGRAM FILE: HDT (VERSION 28.4A 86/04/03)

HDTD

CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
C1	8.48	13.2	8.00	12.0	IN
C2	8.74	13.2	8.00	12.0	IN

CP 28.4A FILE 0 09-OCT-86 02:36

COMPANY	ARCO OIL AND GAS
WELL	CAVENHAM FOREST IND. #41-9
FIELD	MIST
COUNTY	COLUMBIA
STATE	OREGON

SCHL.	FR	2490
SCHL.	TD	2490
DRLR.	TD	2500
Elev:	KB	846.9
	DF	845.9
	GL	835.9