Watzek 22-19-66

Schlumberger

BOREHOLE COMPENSATED SONIC 5"

CSU Field Log

COMPANY:	DIAMOND SHAMROCK CORPORATION		
WELL:	WATZEK #22-19		
FIELD:	WILDCAT		
COUNTY:	CLATSOP		
STATE:	OREGON		
LOCATION:	1945' SOUTH; 2151' EAST OF NORTHWEST CORNER		
SEC:	19	TWP: 6N	RGE: 6W

PERMANENT DATUM:	GL	ELEVATIONS-	
ELEV. OF PERM. DATUM:	636.0 '	KB:	645.0 '
LOG MEASURED FROM:	KB	DF:	
9.0 '	ABOVE PERM. DATUM	GL:	636.0 '
DRLG. MEASURED FROM:	KB		

DATE:	3 MAR 83
RUN NO:	1
DEPTH-DRILLER:	5195.0 '
DEPTH-LOGGER:	5188.0 '
BTM. LOG INTERVAL:	5139.0 '
TOP LOG INTERVAL:	1028.0 '
CASING-DRILLER:	1028 '
CASING-LOGGER:	1028 '
CASING:	9 5/8"
BIT SIZE:	8 3/4"

OTHER SERVICES-

DIL
FDC/CNL/GR
HDT
CIS

PROGRAM
TAPE NO:
22.4
SERVICE
ORDER NO:
383582

TYPE FLUID IN HOLE:	LOW SOLIDS NON DISPERSED
DENSITY:	10.7 LB/G
VISCOSITY:	55.0 S
PH:	10.1
FLUID LOSS:	5.2 C3
SOURCE OF SAMPLE:	FLOWLINE
RM:	1.280 OHMM AT 74.0 DEGF
RMF:	2.190 OHMM AT 52.0 DEGF
RMC:	1.680 OHMM AT 52.0 DEGF
SOURCE RMF/RMC:	MEAS/MEAS
RM AT BHT:	0.871 OHMM AT 112. DEGF
RMF AT BHT:	1.085 OHMM AT 112. DEGF
RMC AT BHT:	0.832 OHMM AT 112. DEGF
TIME CIRC. STOPPED:	0000 3/3
TIME LOGGER ON BTM.:	0530 3/3
MAX. REC. TEMP:	112.0 DEGF
LOGGING UNIT NO:	8126
LOGGING UNIT LOC:	SACRAMENTO
RECORDED BY:	BURNISON
WITNESSED BY:	WILSON

REMARKS:

EQUIPMENT NUMBERS-

DIS-EA 457	DIC-DA 342	MCD-DA 305	SLC-FA 1261
SLS-RC 346	IEM-BD 232	SLM-DA 428	

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.

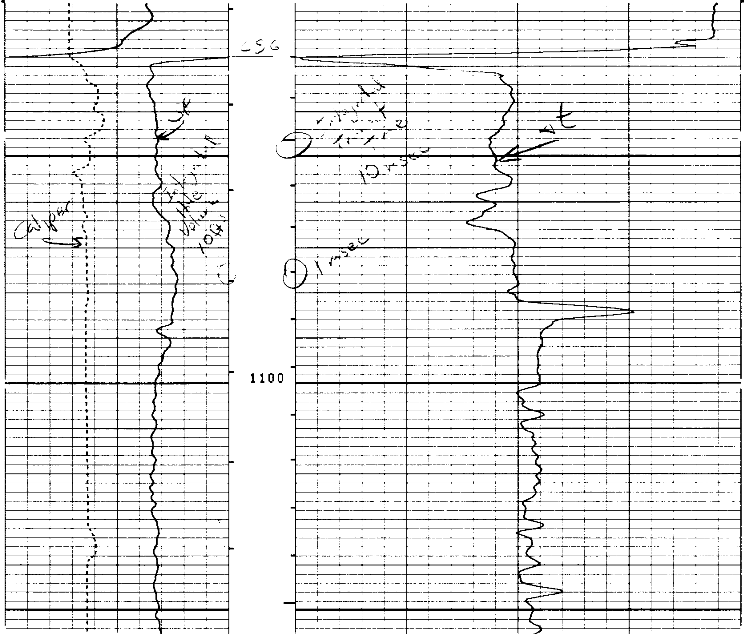
FILE

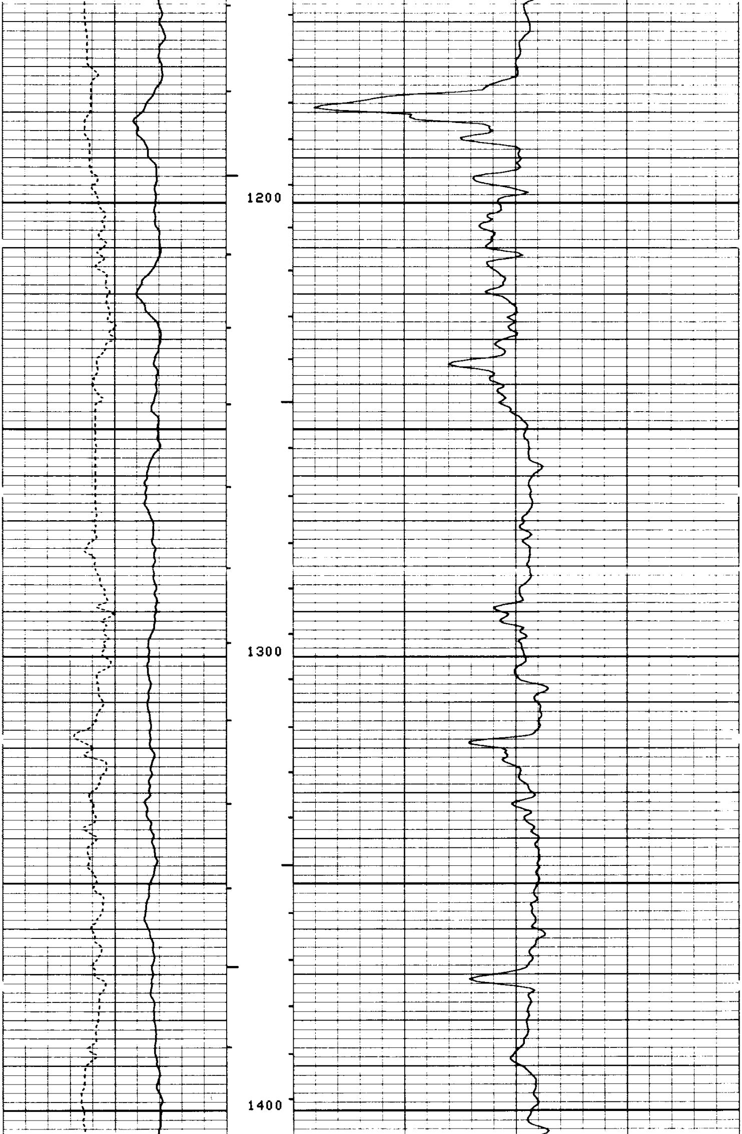
3

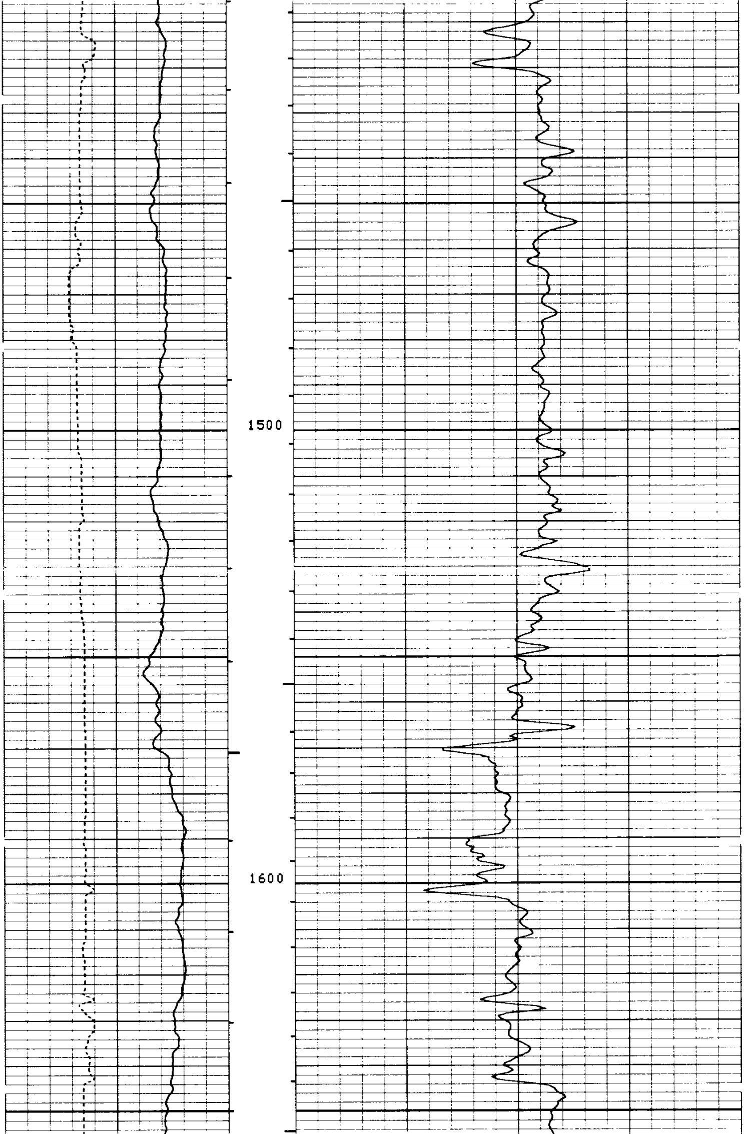
CALI (IN)			DT (US/F)	
6.0000	16.000			
SP (MV)				
-100.0	0.0		150.00	50.000

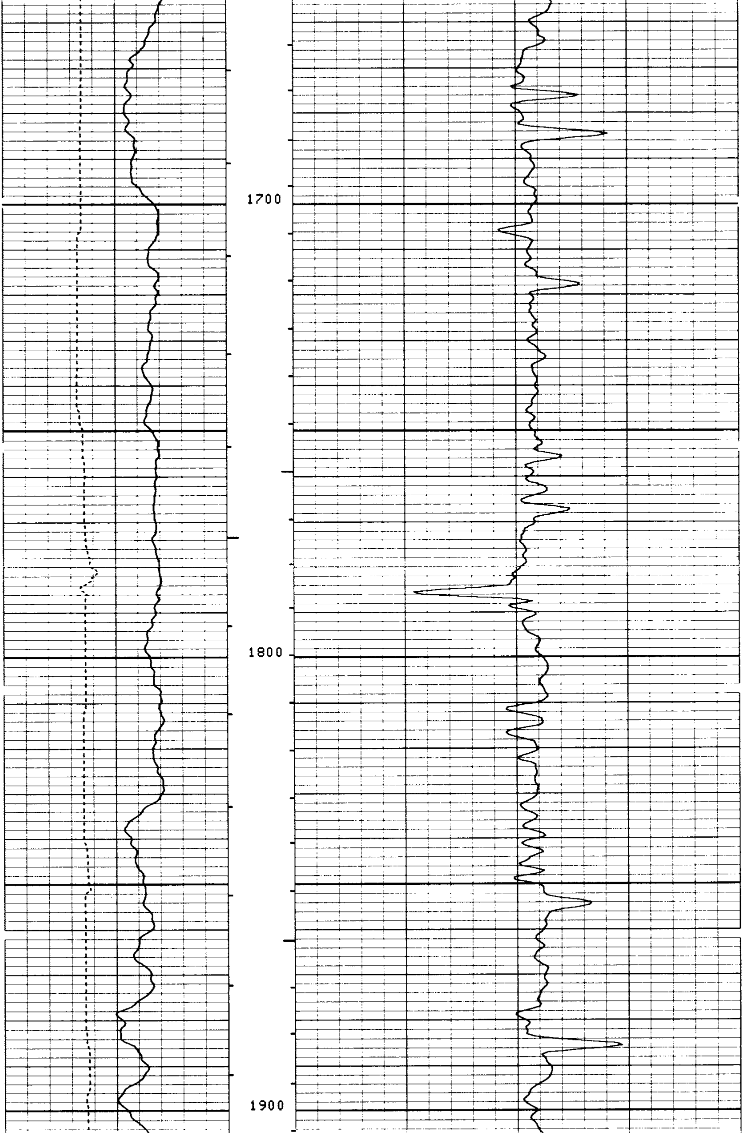
FILE

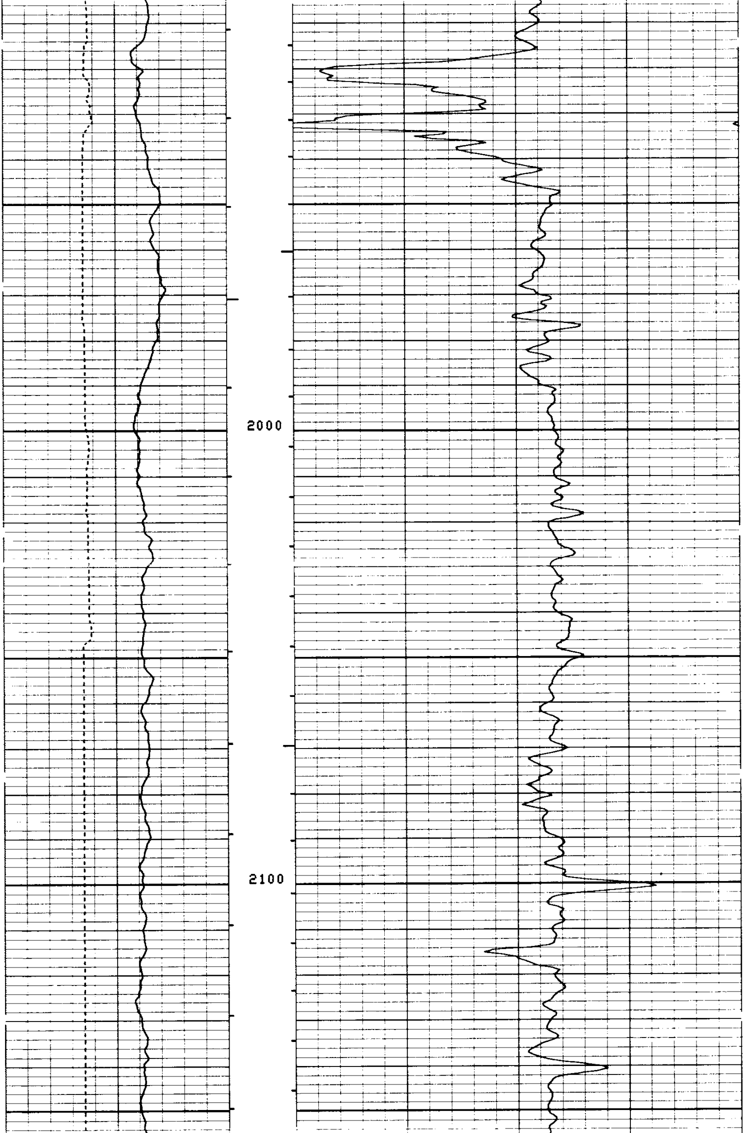
3

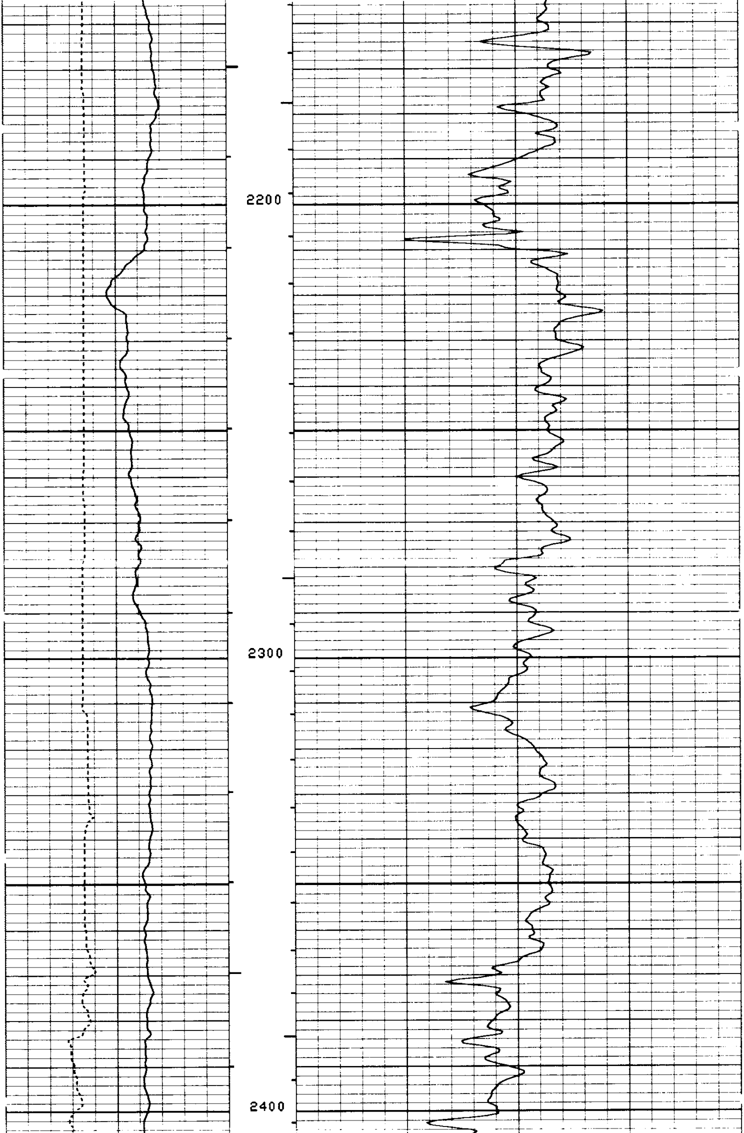


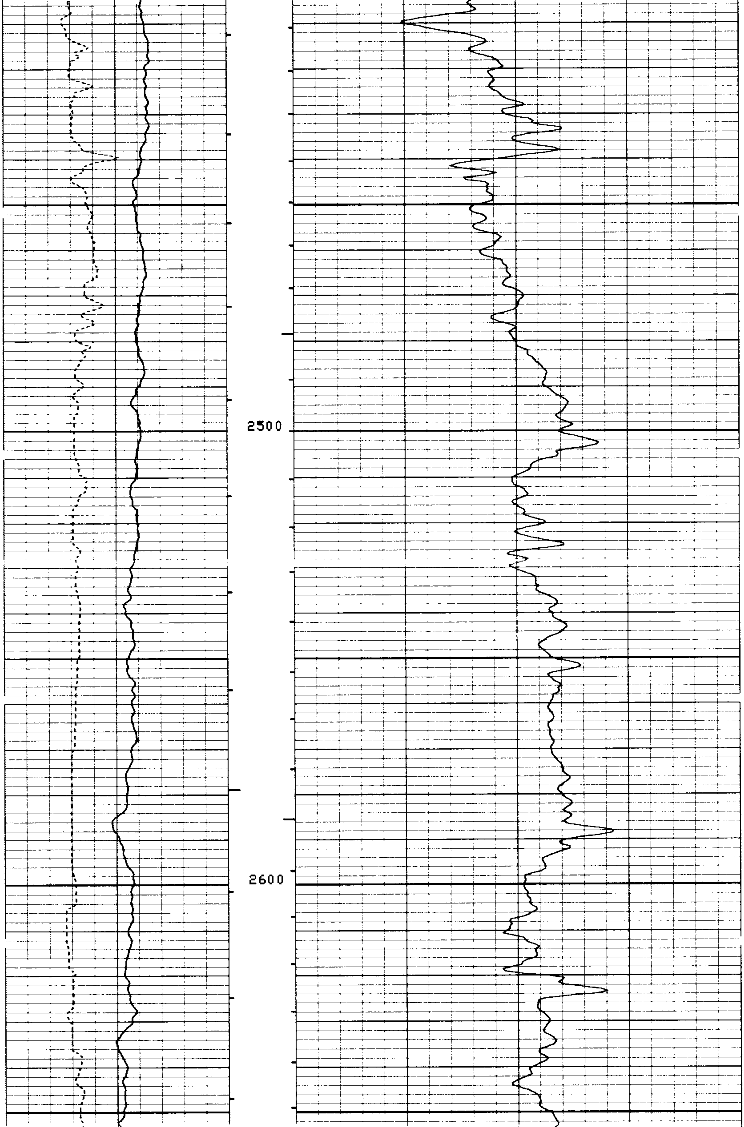


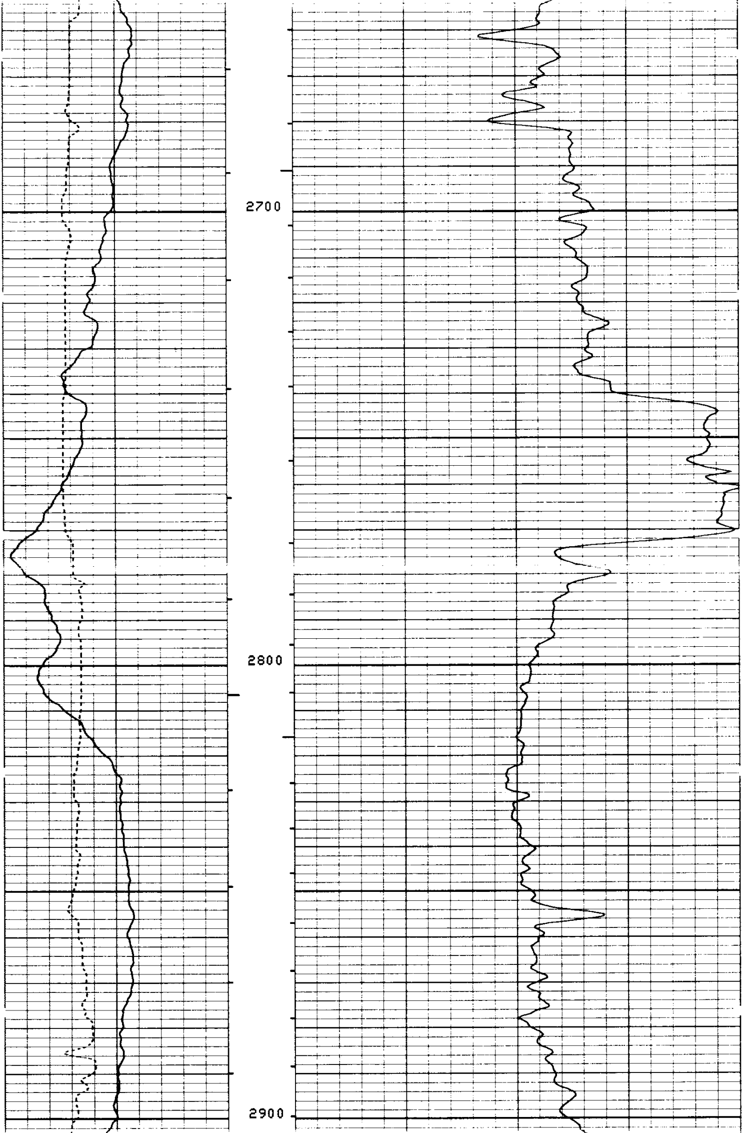


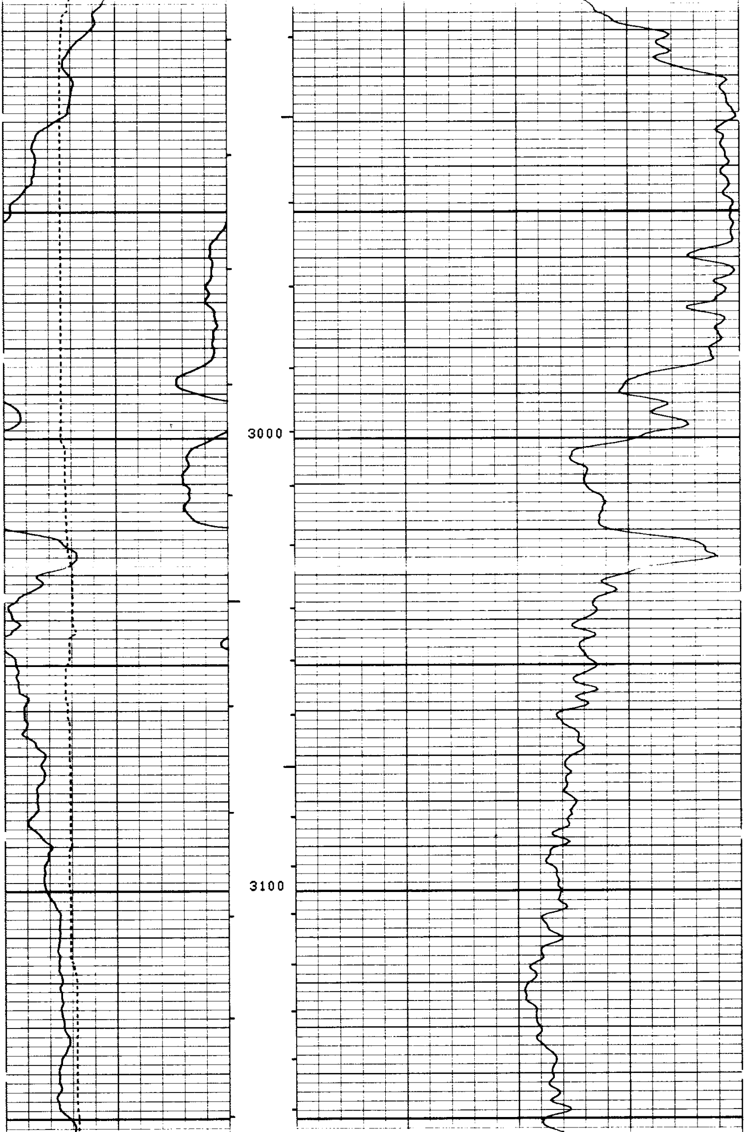


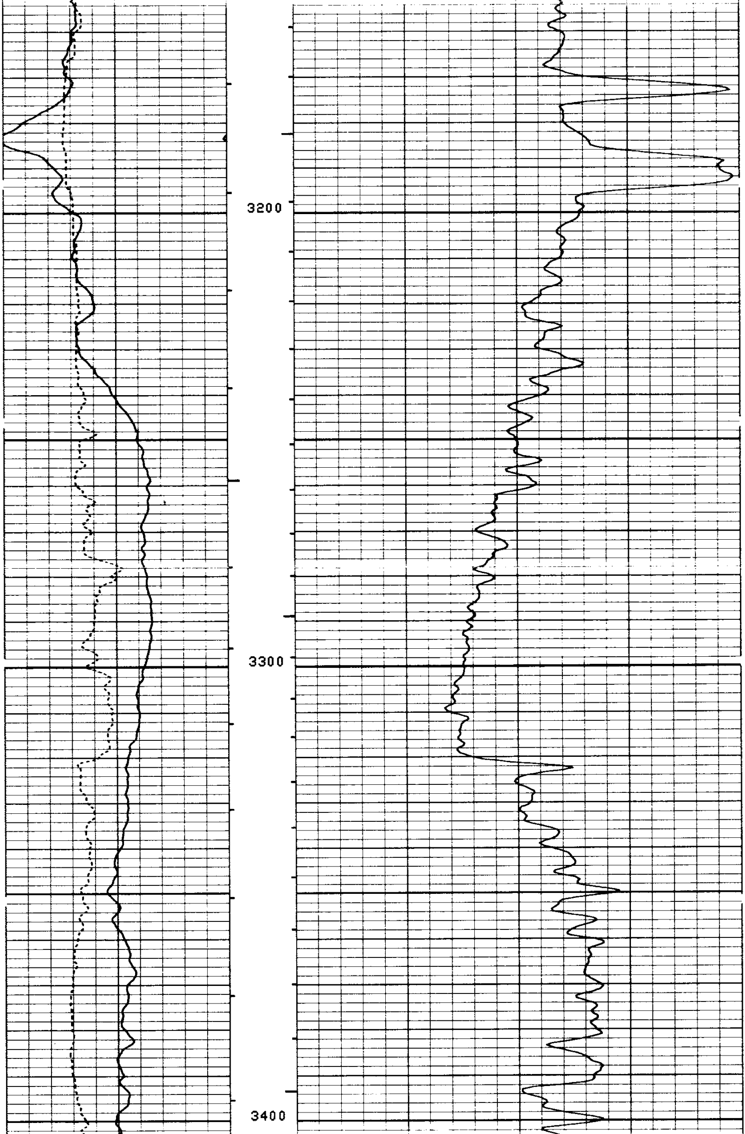


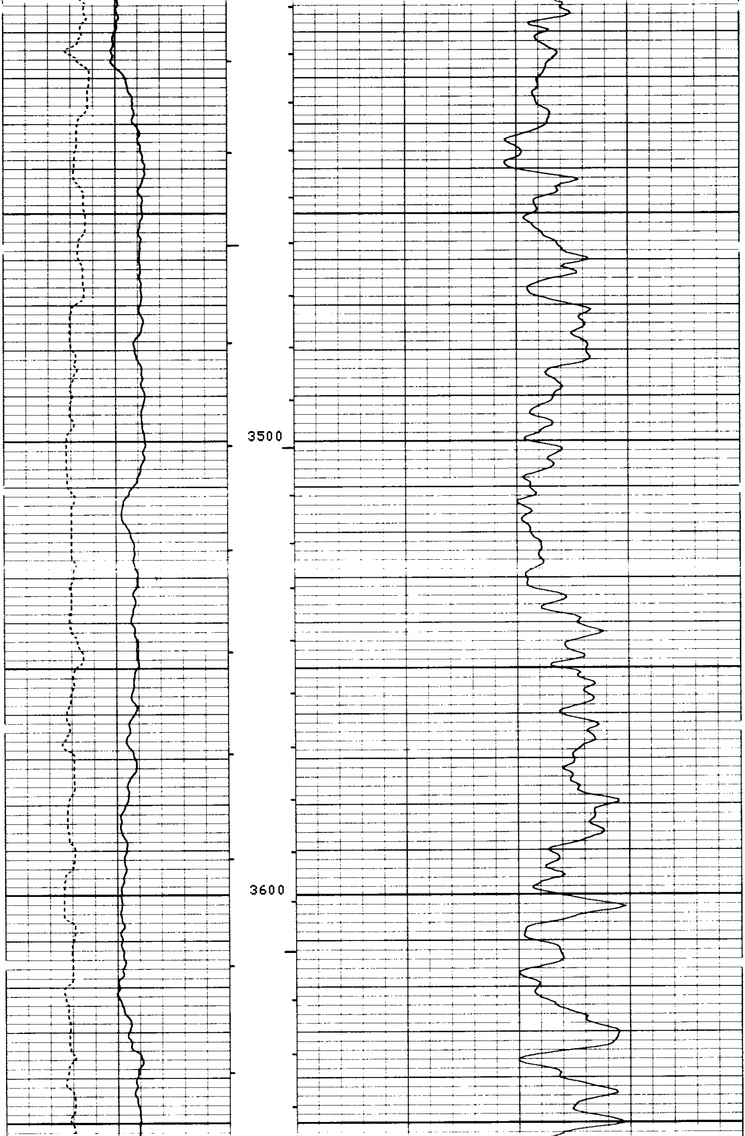


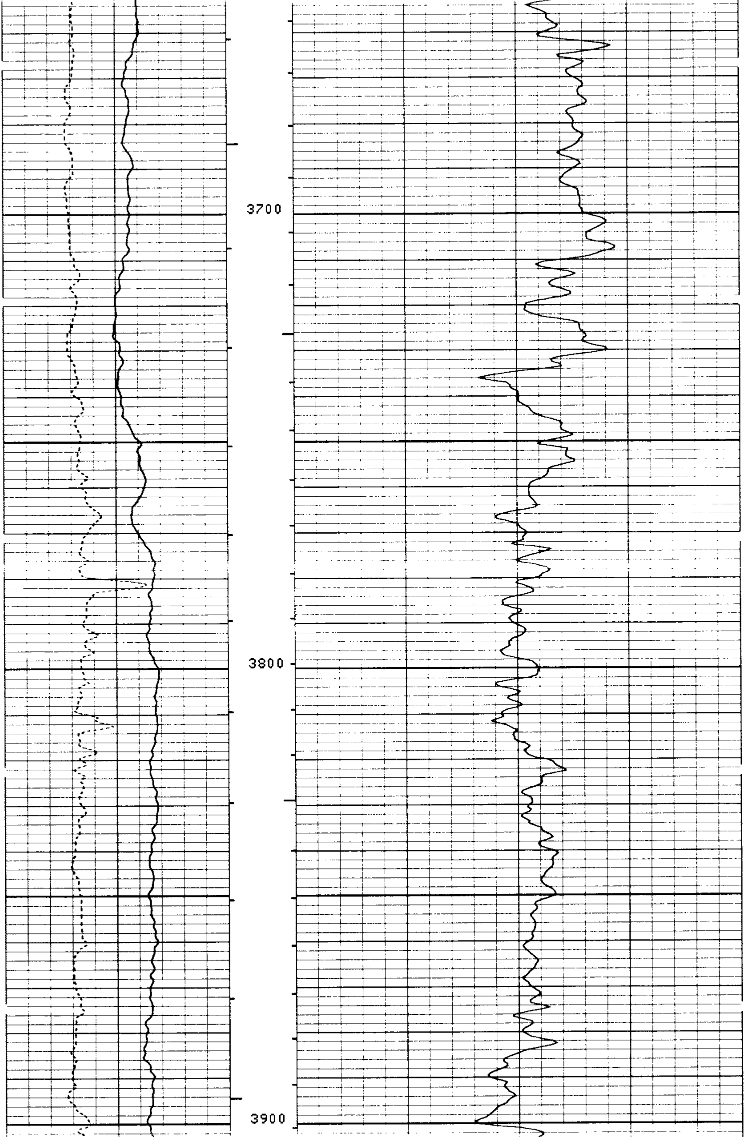


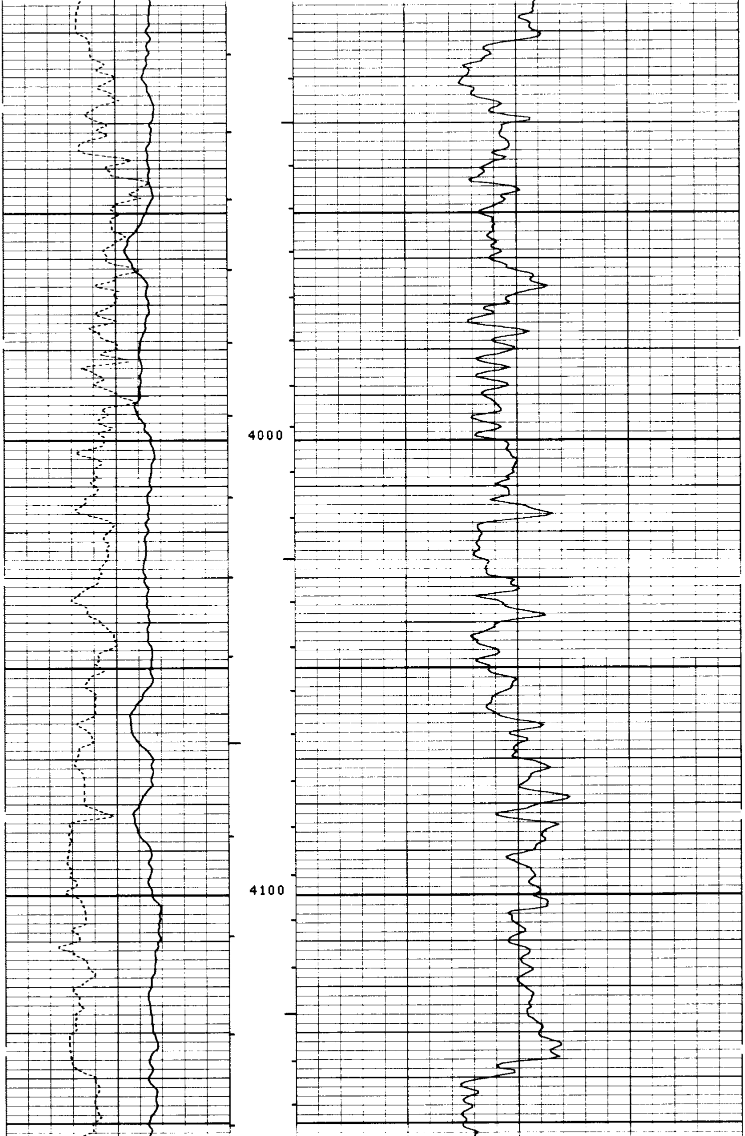


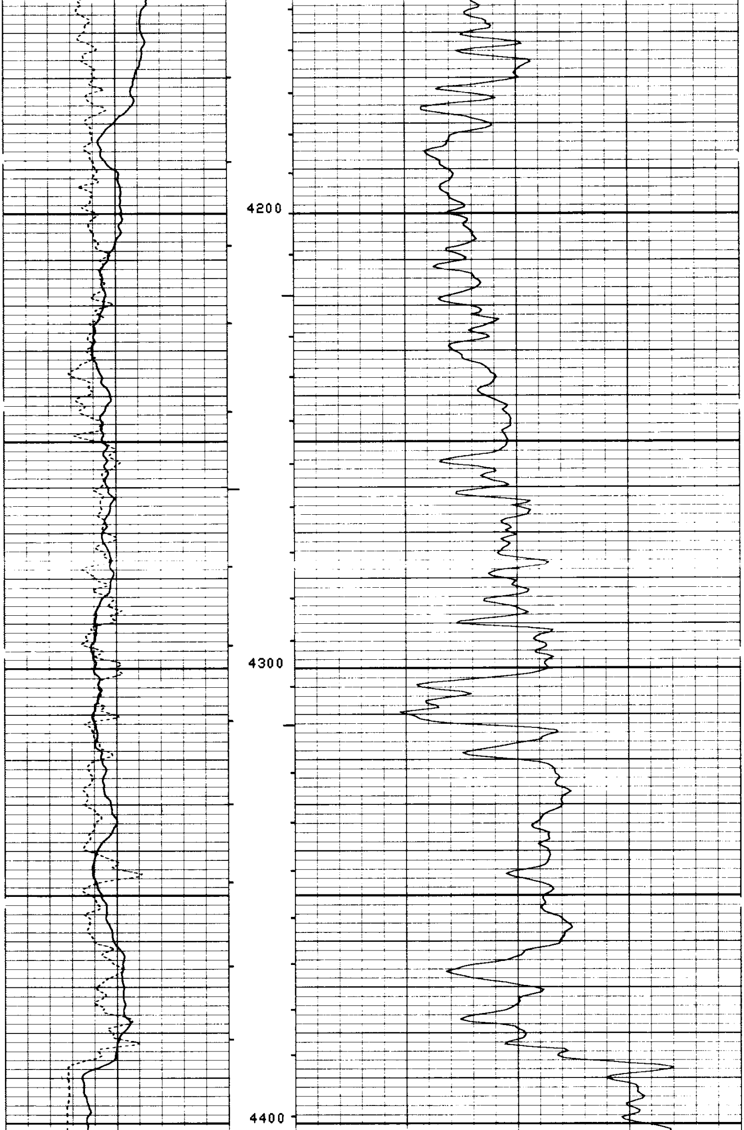


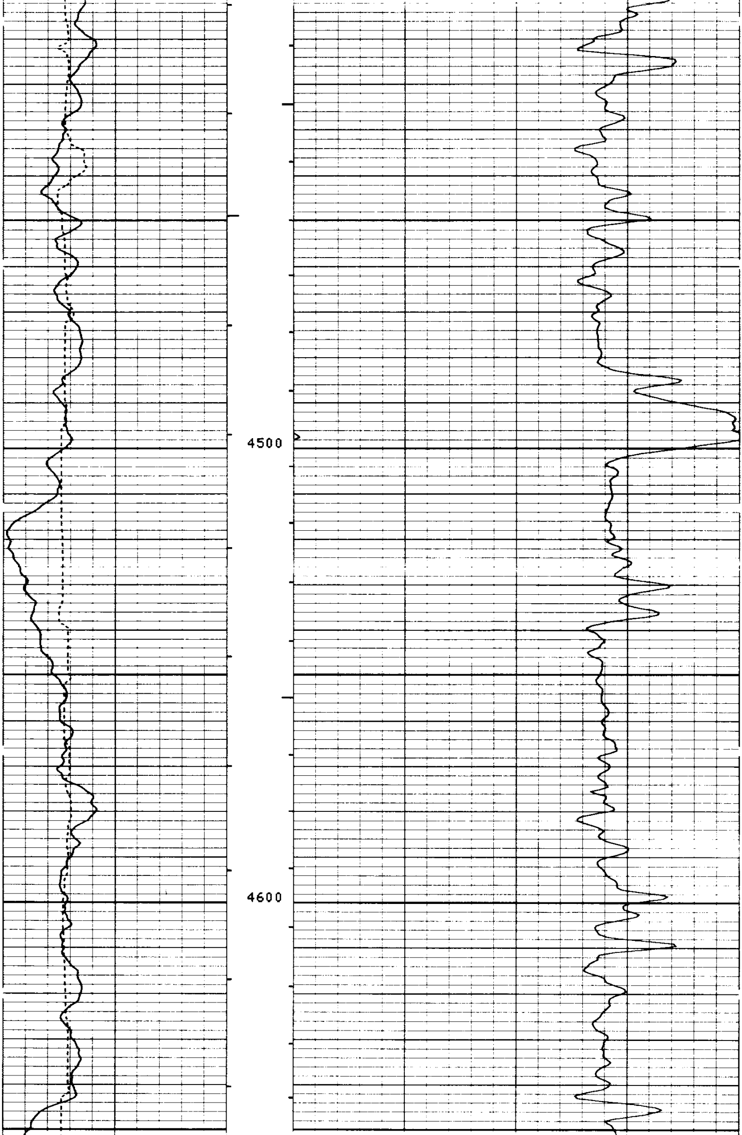


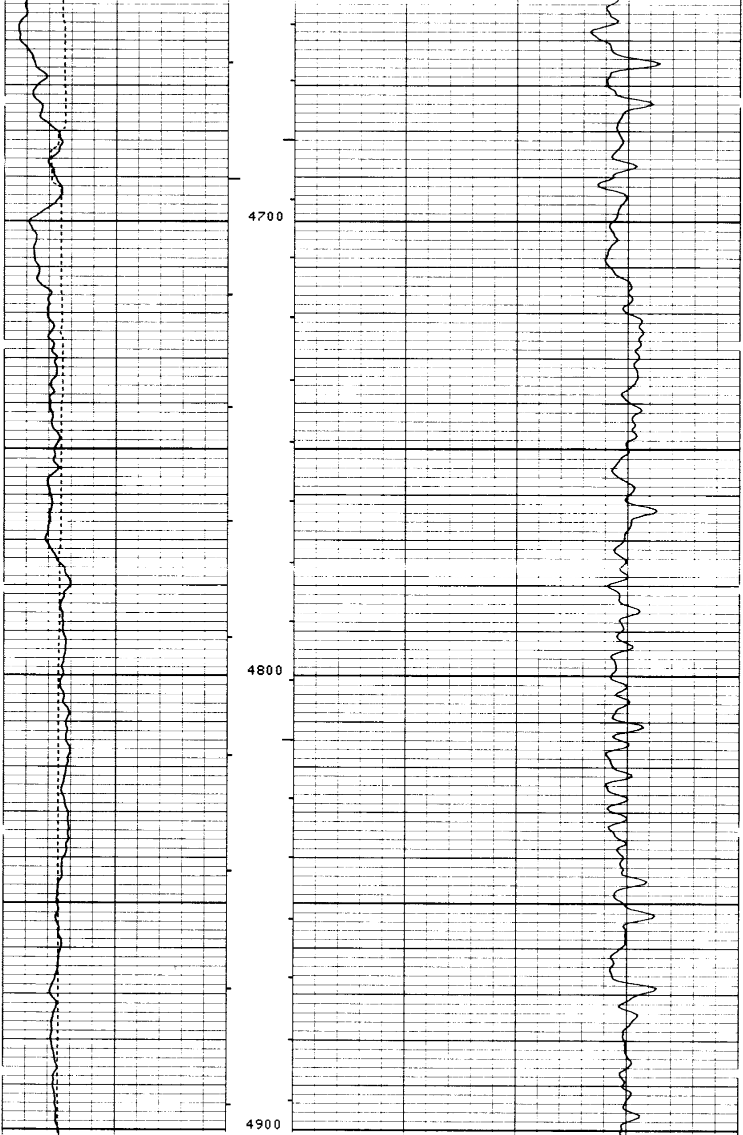


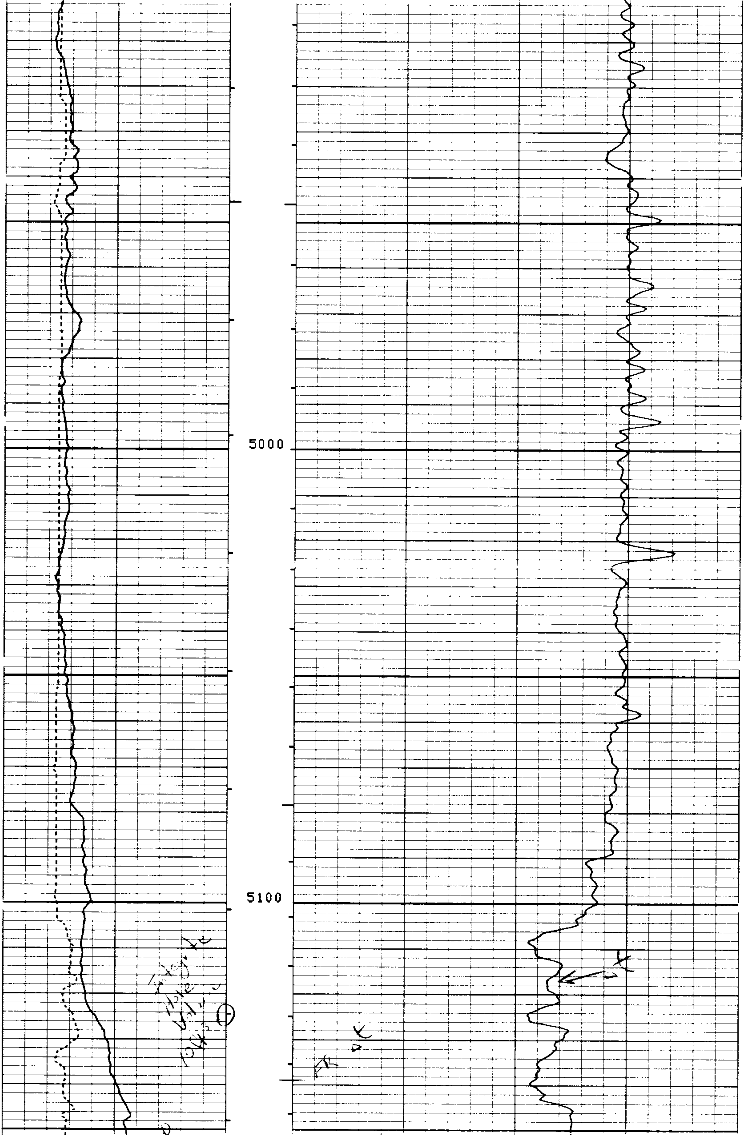


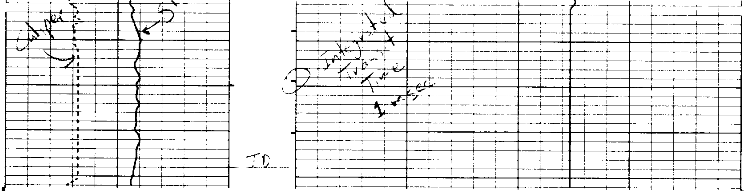












FILE

3

CALI(IN)
6.0000 16.000
SP (MV)
-100.0 0.0

DT (US/F)
150.00 50.000

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

AMPL	41.4	FEET	DT	38.9	FEET
SRAT	38.9	FEET	CBL	41.4	FEET
CALI	29.3	FEET	TT	41.4	FEET
SFL	3.9	FEET	ILD	6.9	FEET
SP	.0	FEET	ILM	3.3	FEET
TENS	.0	FEET	SPAR	.0	FEET
NOIS	33.2	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
CDTS	100.000		BS	8.75000	IN
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	DSEC	11.1000	MMHO
FPHI	SPHI		MSEC	9.00000	MMHO
FNUM	0.620000		FEXP	2.15000	
DO	0.0	F	BHS	OPEN	

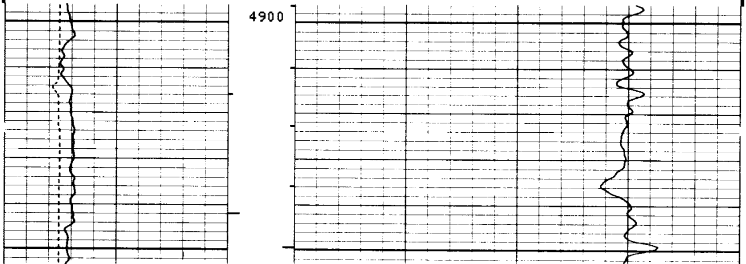
CALI(IN)
6.0000 16.000
SP (MV)
-100.0 0.0

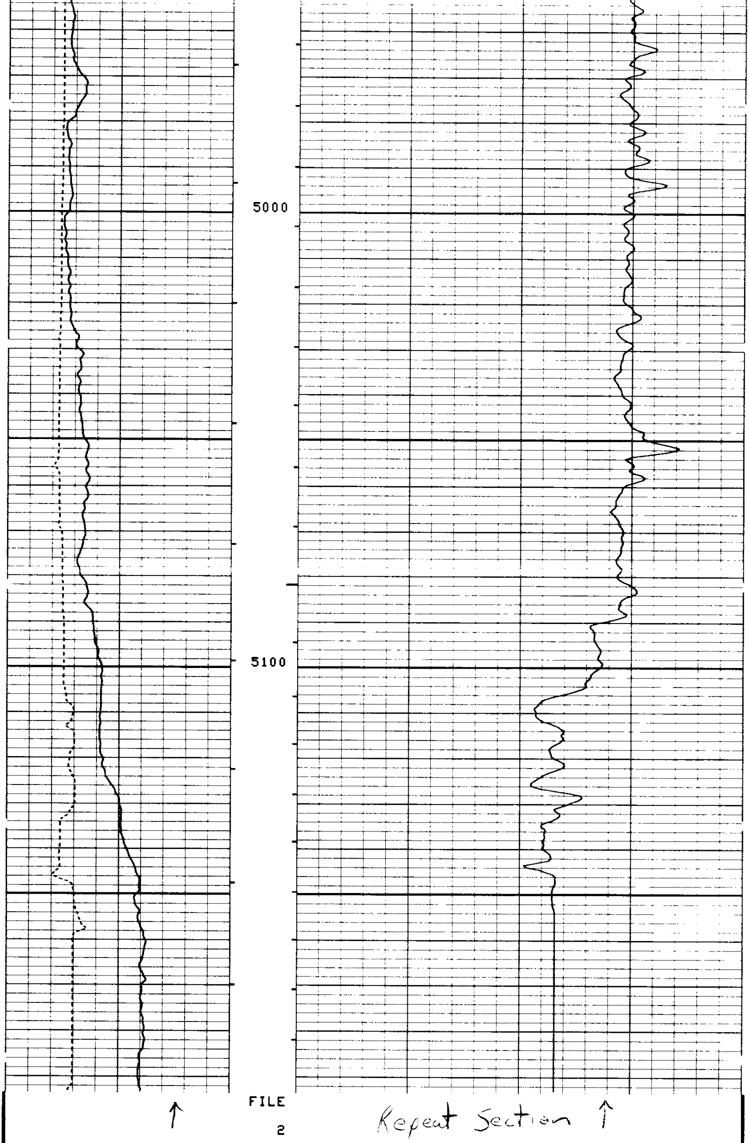
DT (US/F)
150.00 50.000

FILE

2

Repeat Section





CALI(IN)			DT (US/F)	
6.0000	16.000			
SP (MV)				
-100.0	0.0		150.00	50.000

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

AMPL	41.4	FEET	DT	38.9	FEET
SRAT	38.9	FEET	CBL	41.4	FEET
CALI	29.3	FEET	TT	41.4	FEET
SFL	3.9	FEET	ILD	6.9	FEET
SP	.0	FEET	ILM	3.3	FEET
TENS	.0	FEET	SPAR	.0	FEET
NOIS	33.2	FEET			

PARAMETERS

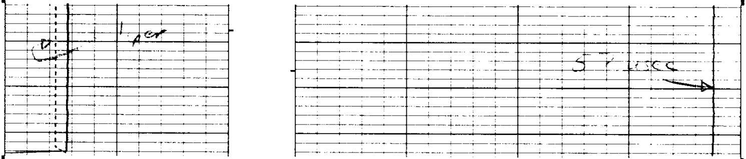
NAME	VALUE	UNIT	NAME	VALUE	UNIT
CDTS	100.000		BS	8.75000	IN
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	DSEC	11.1000	MMHO
FPHI	SPHI		MSEC	9.00000	MMHO
FNUM	0.620000		FEXP	2.15000	
DO	0.0	F	BHS	OPEN	

CALI(IN)			DT (US/F)	
6.0000	16.000			
SP (MV)				
-100.0	0.0		150.00	50.000

FILE

4

Casing Check



FILE

4

CALI(IN)			DT (US/F)	
6.0000	16.000			
SP (MV)				
-100.0	0.0		150.00	50.000

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

AMPL	41.4	FEET	DT	38.9	FEET
SRAT	38.9	FEET	CBL	41.4	FEET
CALI	29.3	FEET	TT	41.4	FEET
SFL	3.9	FEET	ILD	6.9	FEET
SP	.0	FEET	ILM	3.3	FEET
TENS	.0	FEET	SPAR	.0	FEET
NOIS	33.2	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
CDTS	100.000		BS	8.75000	IN
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	DSEC	11.1000	MMHO
FPHI	SPHI		MSEC	9.00000	MMHO
FNUM	0.620000		FEXP	2.15000	
DO	0.0	F	BHS	OPEN	

MCDB CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
CALI	6.1	12.4	6.0	12.0	IN

FILE

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