CC 34-04-65 API 36-009-00228 Permit # 391

WELEX

OPEN HOLE

COMPENSATED ACOUSTIC LOG

COMP. ARCO OIL AND GAS
WELL COLUMBIA COUNTY 34-4-65
FIELD MIST GAS FIELD
COUNTY COLUMBIA ST. OREGON

COMPANY	ARCO OIL AND GAS
WELL	COLUMBIA COUNTY 34-4-65
FIELD	MIST GAS FIELD
COUNTY	COLUMBIA STATE OREGON
API NO.	
LOCATION	N 2 35 51 W118.71 S 87 24 09 E606.15
SEC. 4	TWP. 6N RGE. 5W

OTHER SERVICES

PERMANENT DATUM GROUND LEVEL ELEV. 870.68
LOG MEASURED FROM KELLY BUSHING 10 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM KELLY BUSHING

ELEV.: K.B. 880.68
D.F. 879.68
G.L. 870.68

CONFIDENTIAL

DATE	OCT. 16 1987			
RUN NO.	ONE			
DEPTH-DRILLER	3382			
DEPTH-WELEX	3375			
BTM. LOG INTER.	3370			
TOP LOG INTER.	442			
CASING-DRILLER	444 @ 9 5/8	@	@	@
CASING-WELEX	442			
BIT SIZE	8.5			
TYPE FLUID IN HOLE	POLYMER			
DENS. : VISC.	10.4 : 46	:	:	:
PH : FLUID LOSS	8.4 : 4.8 ML	: ML	: ML	: ML
SOURCE OF SAMPLE	FLOW LINE			
RM @ MEAS. TEMP.	1.35 @ 75 F	@ F	@ F	@ F
RMF @ MEAS. TEMP.	1.08 @ 75 F	@ F	@ F	@ F
RMC @ MEAS. TEMP.	1.68 @ 75 F	@ F	@ F	@ F
SOURCE RMF RMC	MEAS : MEAS	:	:	:
RM @ BHT	@ F	@ F	@ F	@ F
TIME CIRC. STOPPED	16:30			
TIME ON BOTTOM	20:40			
MAX. REC. TEMP.	109 F@	F@	F@	F@
EQUIP. : LOCATION	1888 : WOODLAN	:	:	:
RECORDED BY	STARNES			
WITNESSED BY	MR. H. ANDERSON			

FOLD HERE

SERVICE TICKET NO.: API SERIAL NO.: PGM VERSION: V1.87 09/08/85

CHANGE IN MUD TYPE OR ADDITIONAL SAMPLES		
DATE : SAMPLE NO.	:	:
DEPTH-DRILLER		
TYPE FLUID IN HOLE	POLYMER	
DENS. : VISC.	:	:
PH : FLUID LOSS	: ML	: ML
SOURCE OF SAMPLE		
RM @ MEAS. TEMP.	@ F	@ F
RMF @ MEAS. TEMP.	@ F	@ F
RMC @ MEAS. TEMP.	@ F	@ F
SOURCE: RMF : RMC	:	:
RM @ BHT	@ F	@ F
RMF @ BHT	@ F	@ F
RMC @ BHT	@ F	@ F

RESISTIVITY SCALE CHANGES			
TYPE LOG	DEPTH	SCALE UP HOLE	SCALE DOWN HOLE
DIGL98882			
AVL 1213123			
GUARD67279			
CALIPER 123123			

RESISTIVITY EQUIPMENT DATA				
RUN NO.	TOOL TYPE AND NO.	PAD TYPE	TOOL POSITION	OTHER

BOREHOLE CORRECTIONS: SHALLOW. MEDIUM. DEEP.

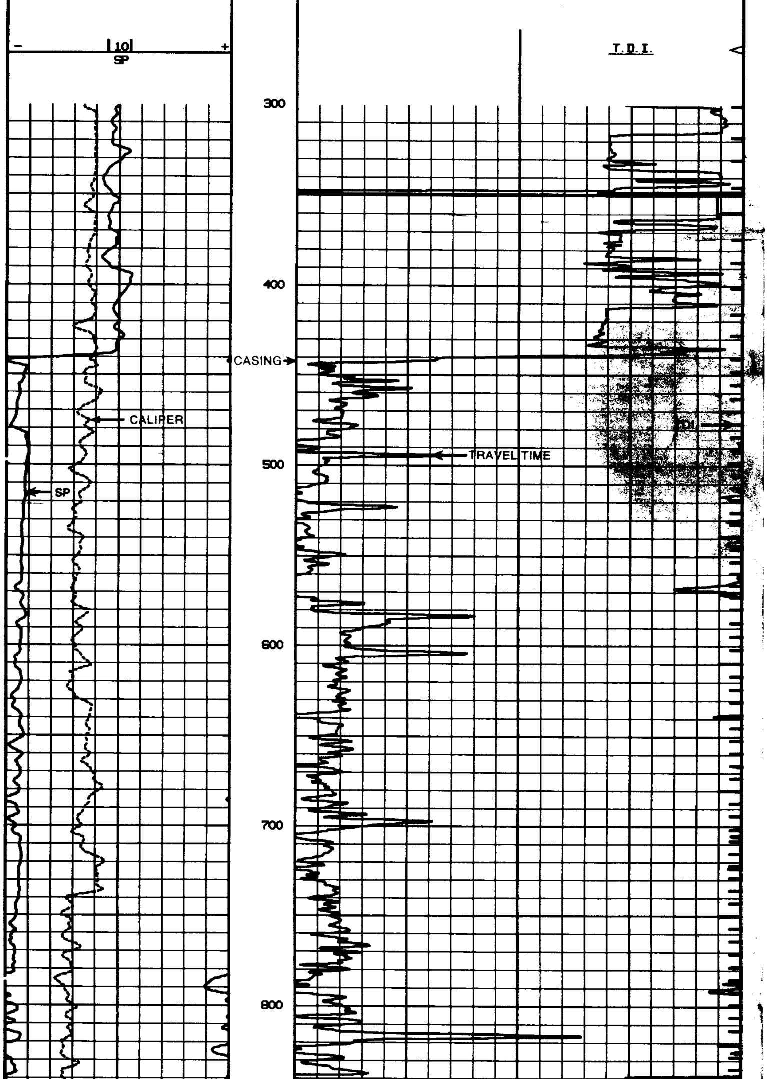
REMARKS: 2 DEG DEV AT 1500 1DEG 15MIN AT 2951

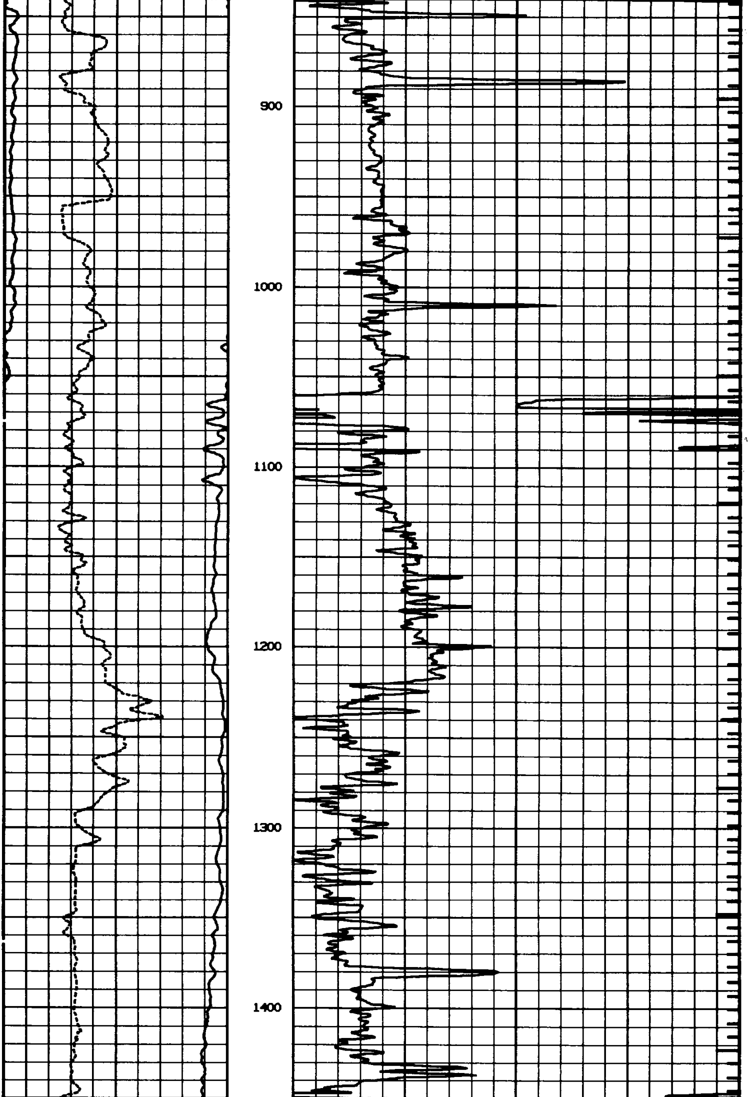
WELEX DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF LOG DATA. CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS. OR RECOMMENDATIONS WHICH MAY BE GIVEN BY WELEX PERSONNEL OR WHICH MAY APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA. INTERPRETATIONS. OR CONVERSIONS. OR RECOMMENDATIONS AGREES THAT WELEX IS NOT RESPONSIBLE. EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILFULL MISCONDUCT FOR ANY LOSS. DAMAGES. OR EXPENSES RESULTING FROM THE USE THEREOF.

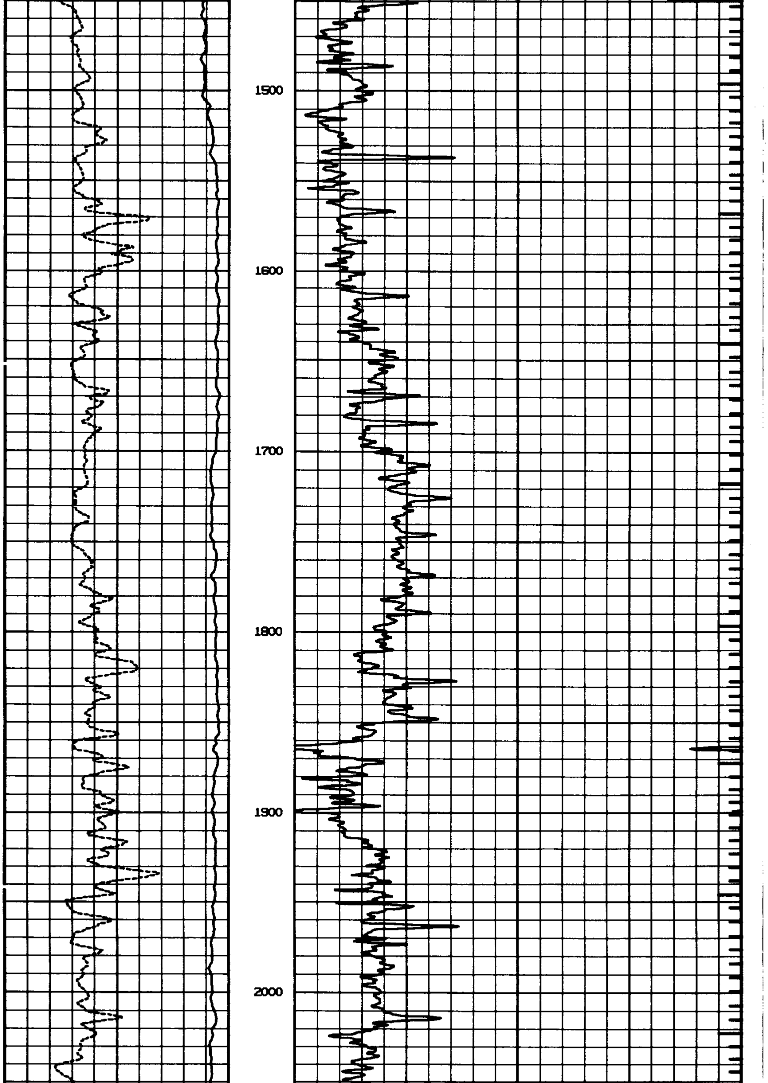
2" = 100'

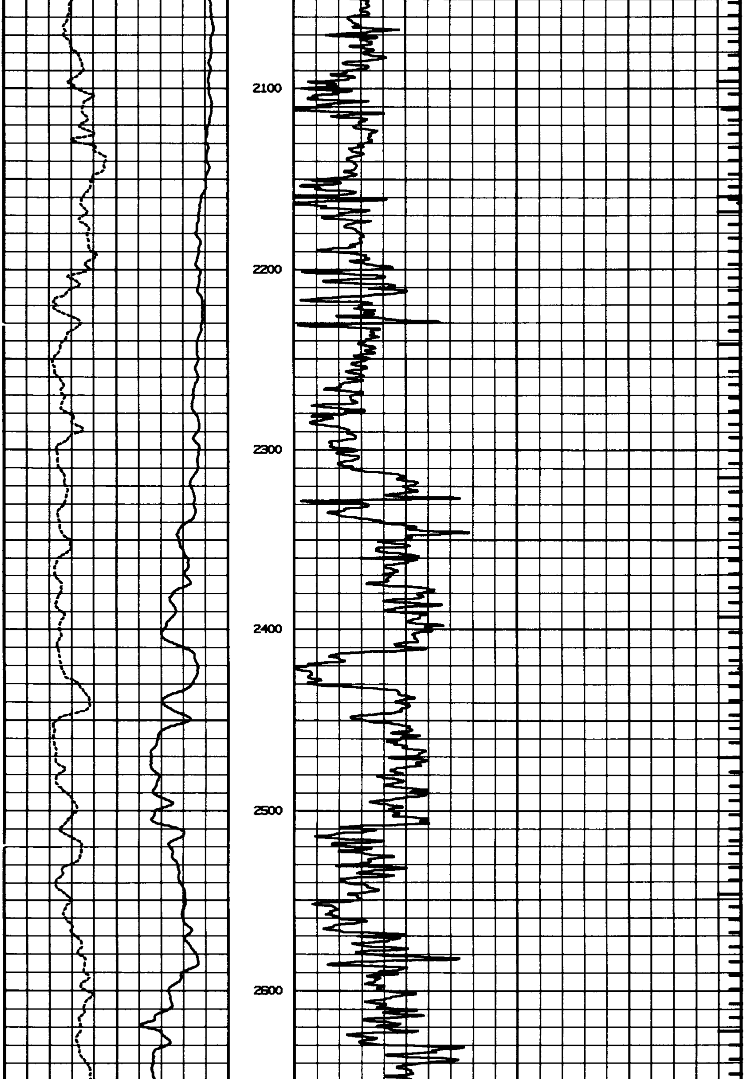
6. CALIPER 16.
INCH

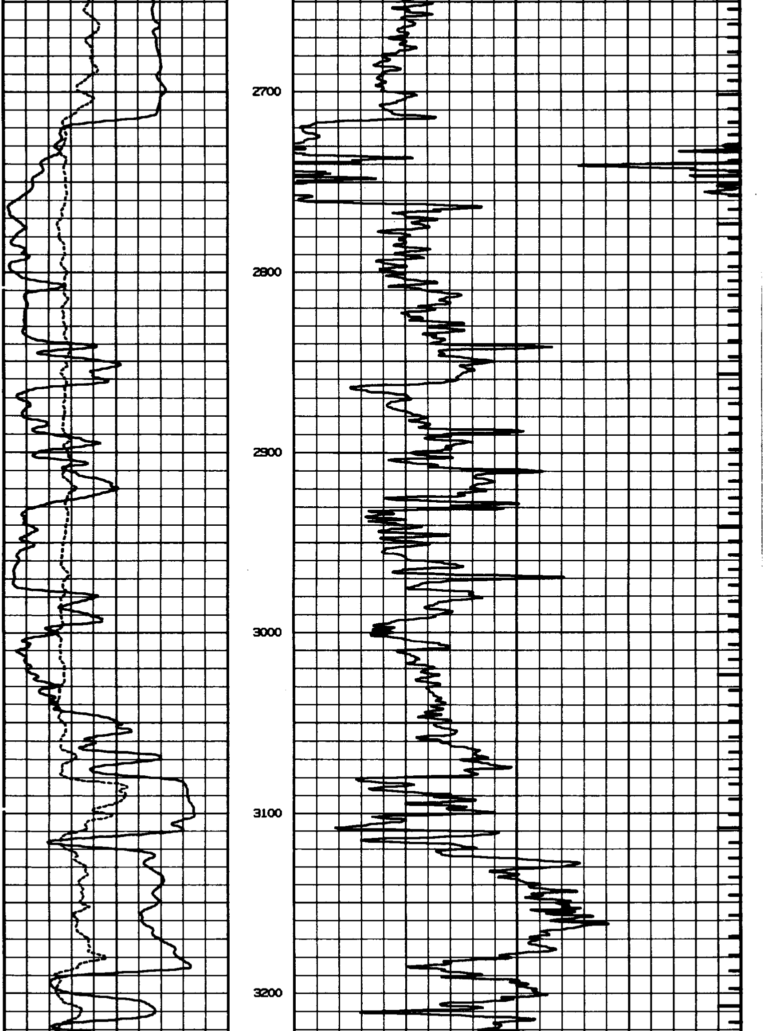
150. TRAVEL TIME 50.
US/FT

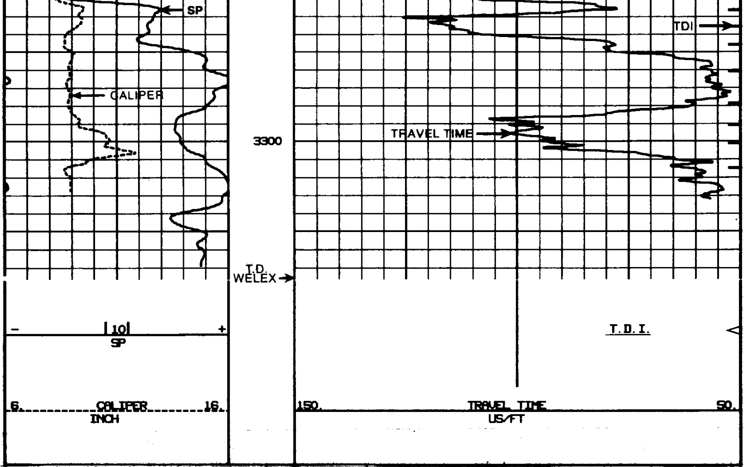




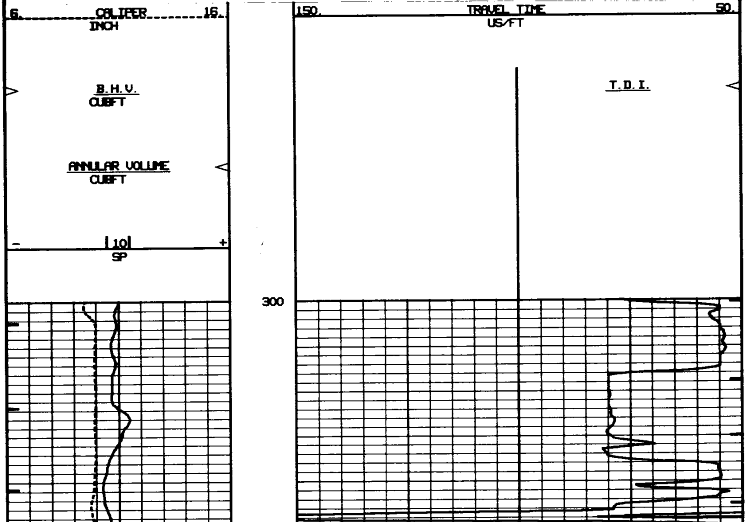


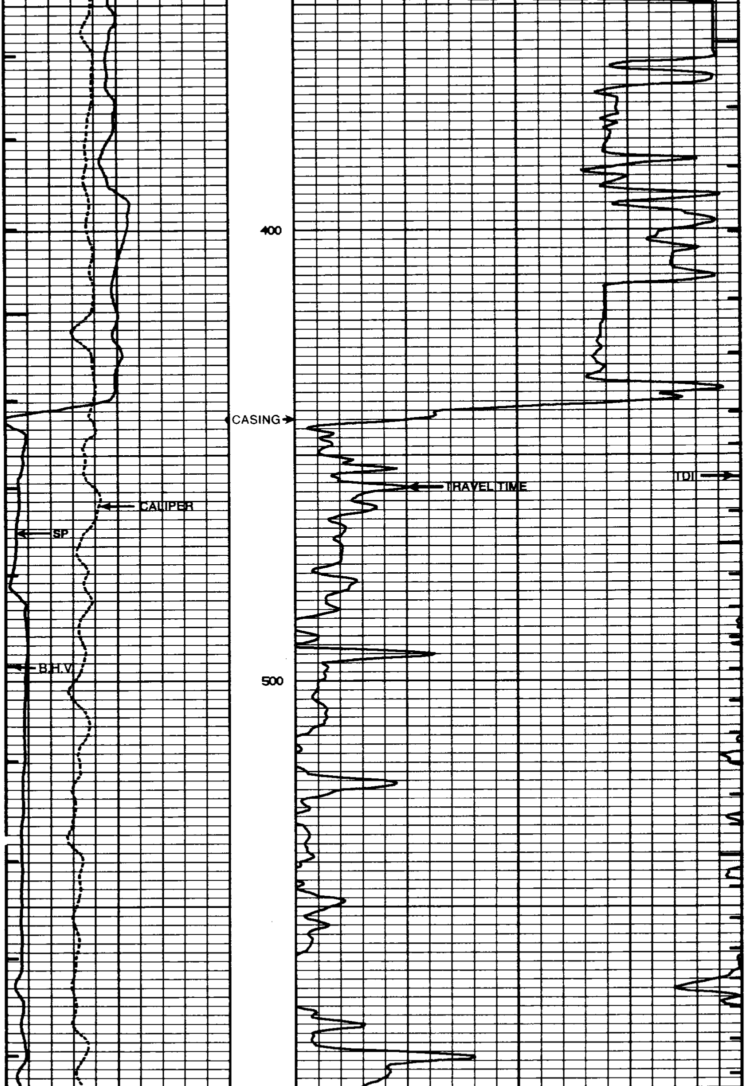


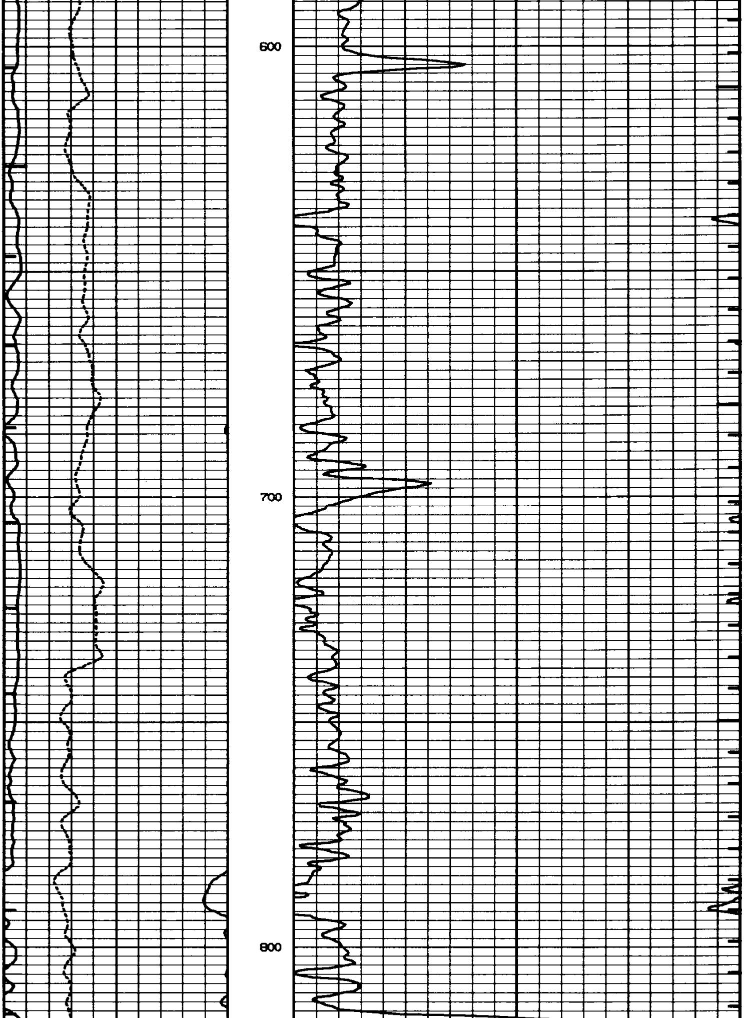


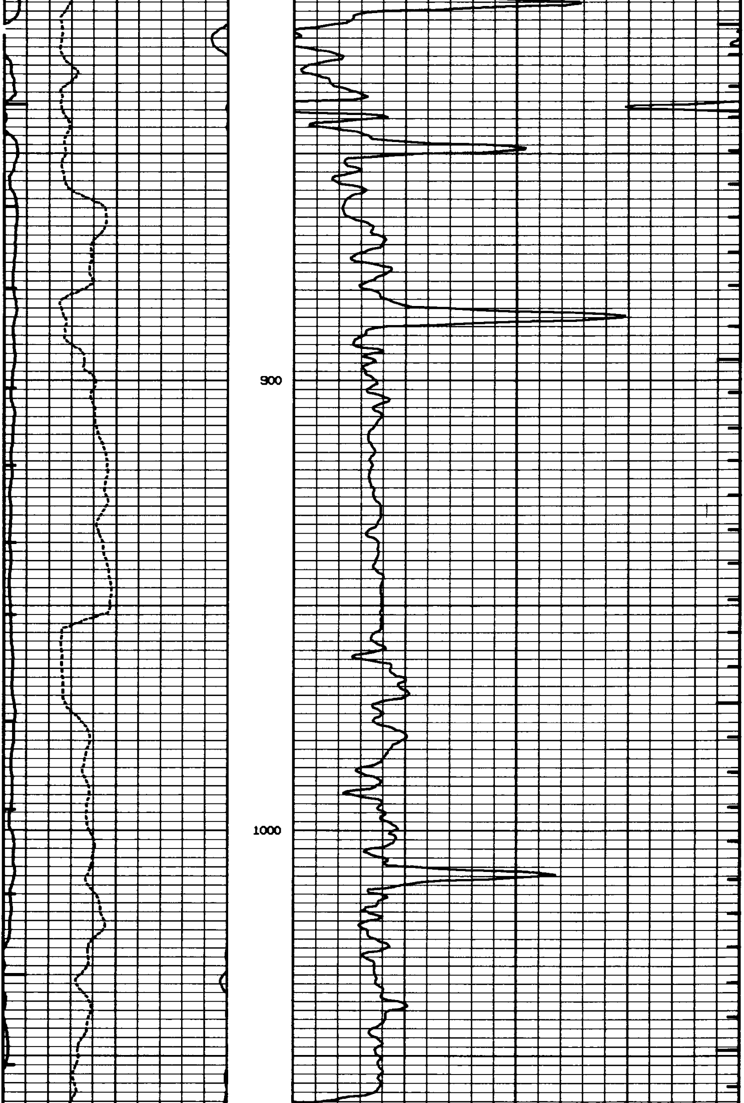


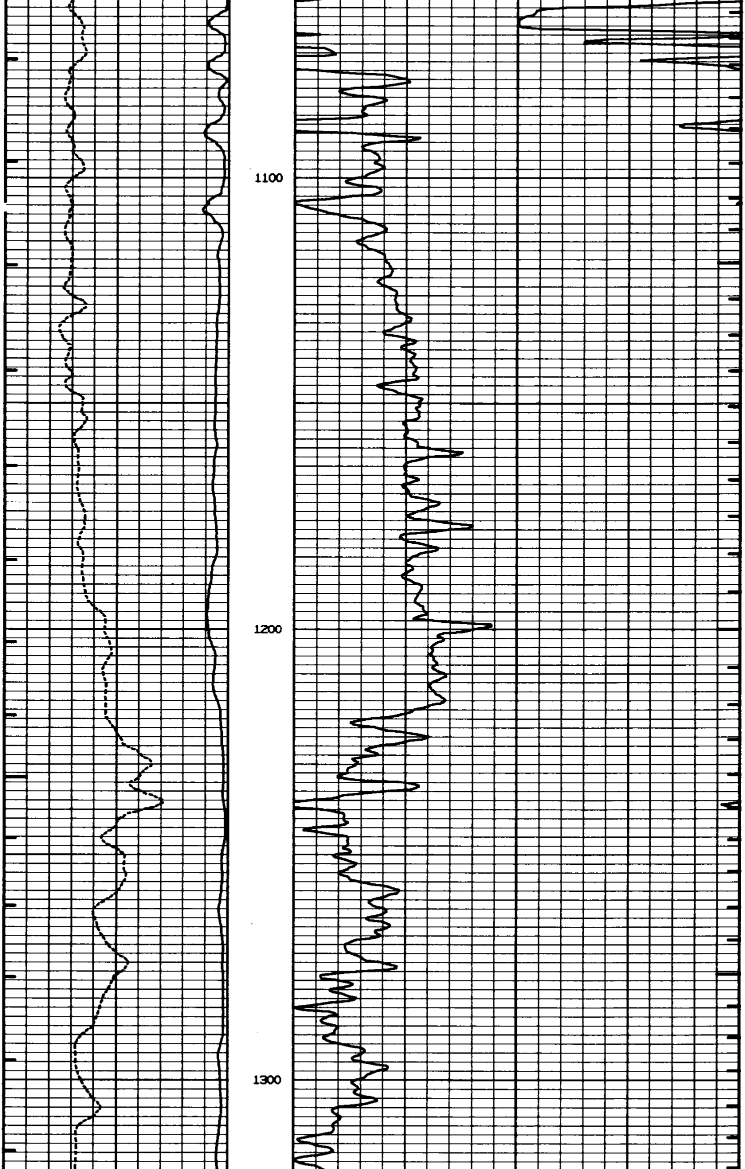
5″ = 100′

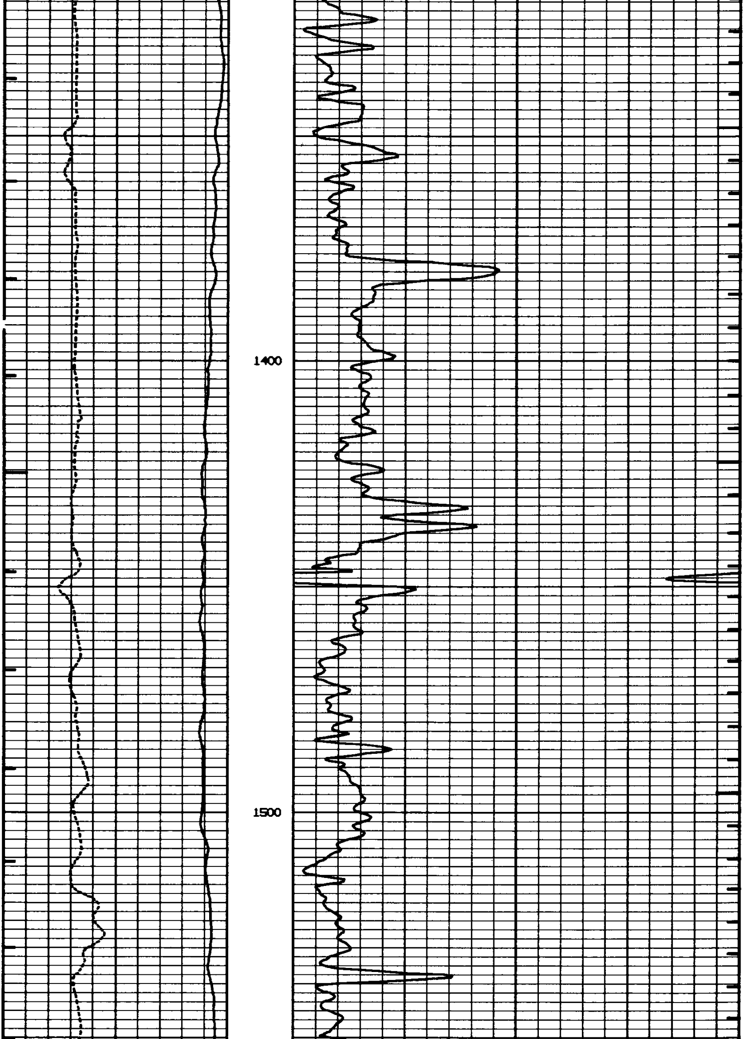


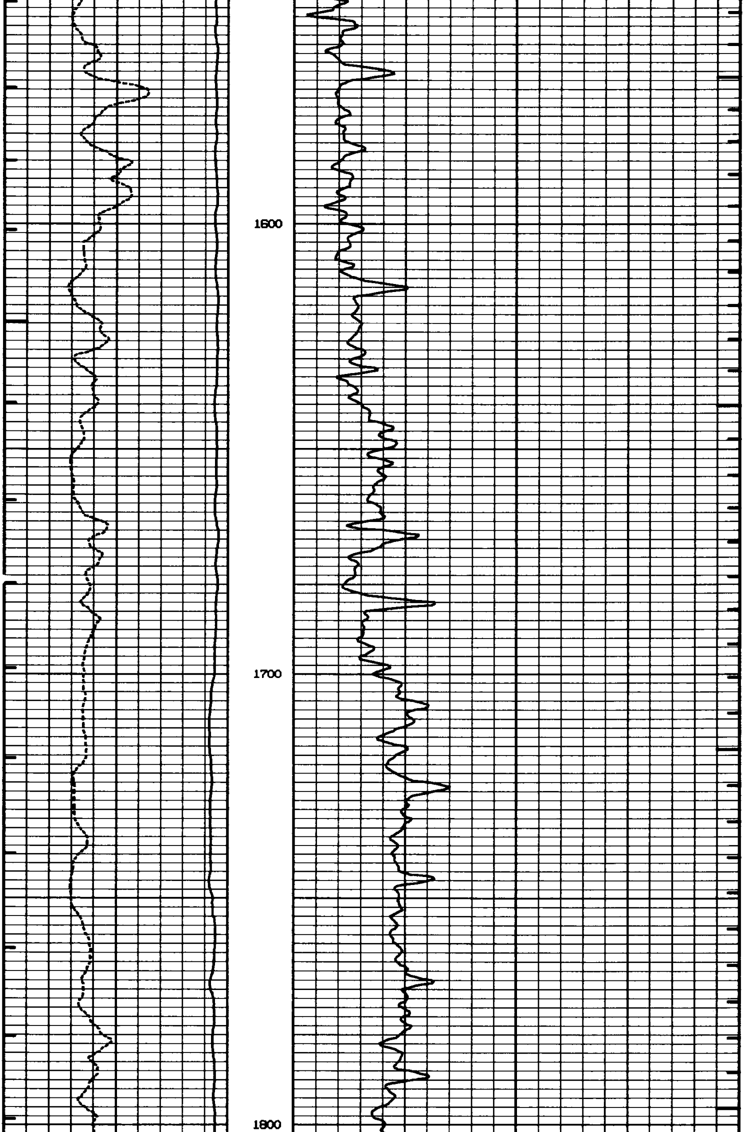


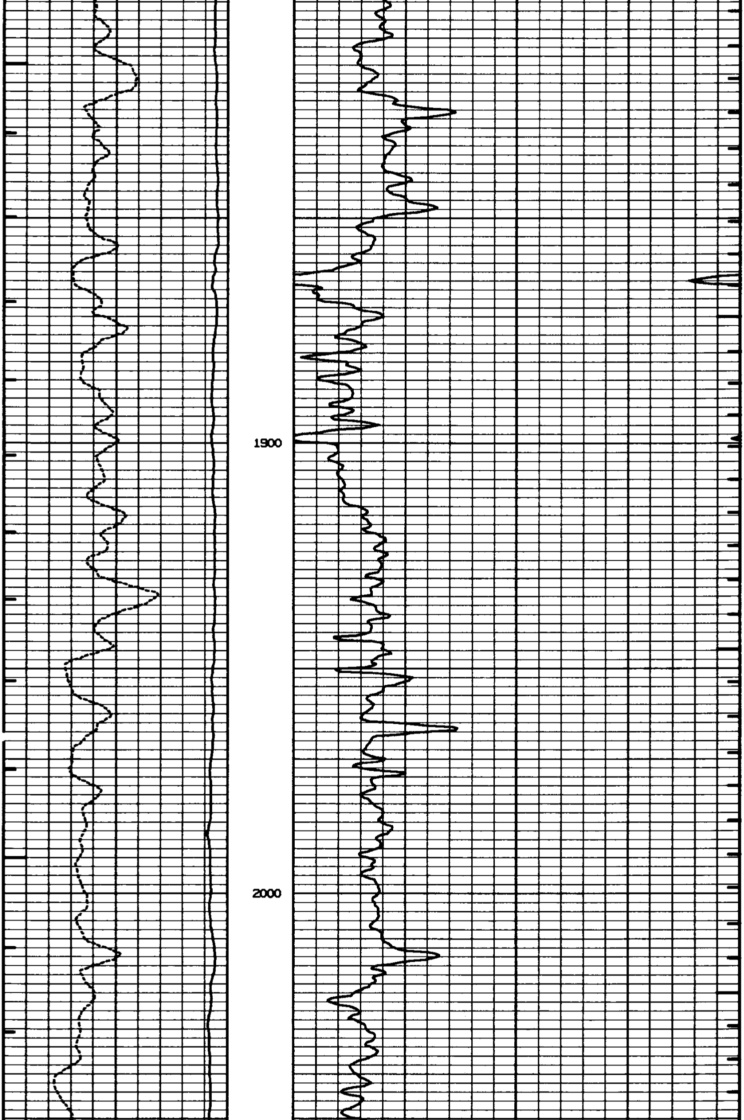


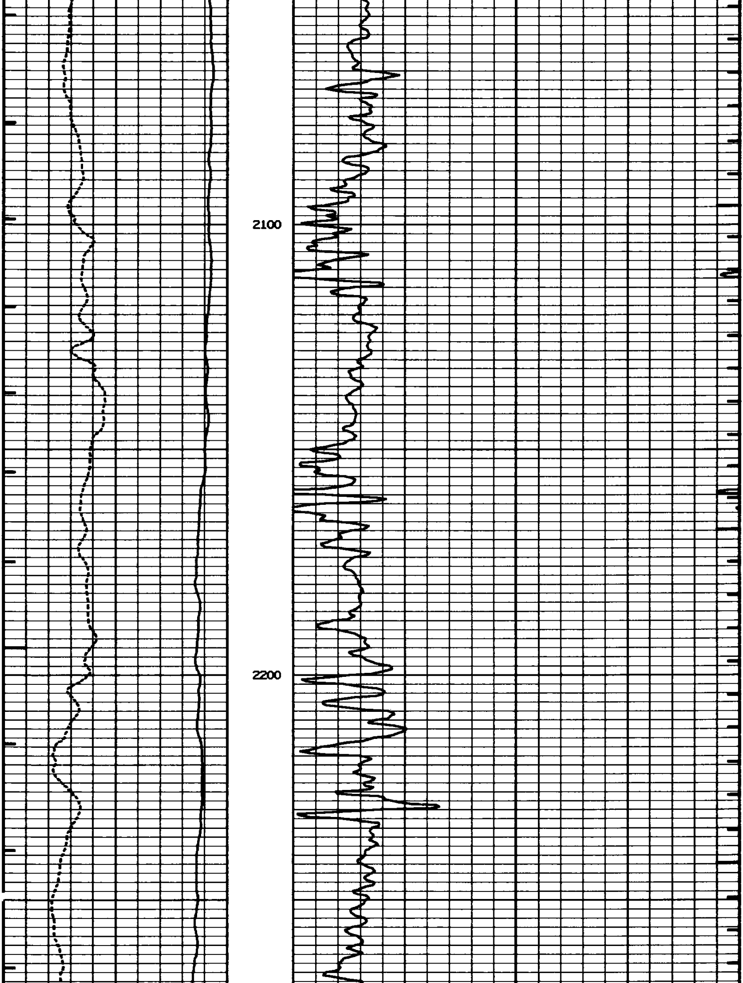


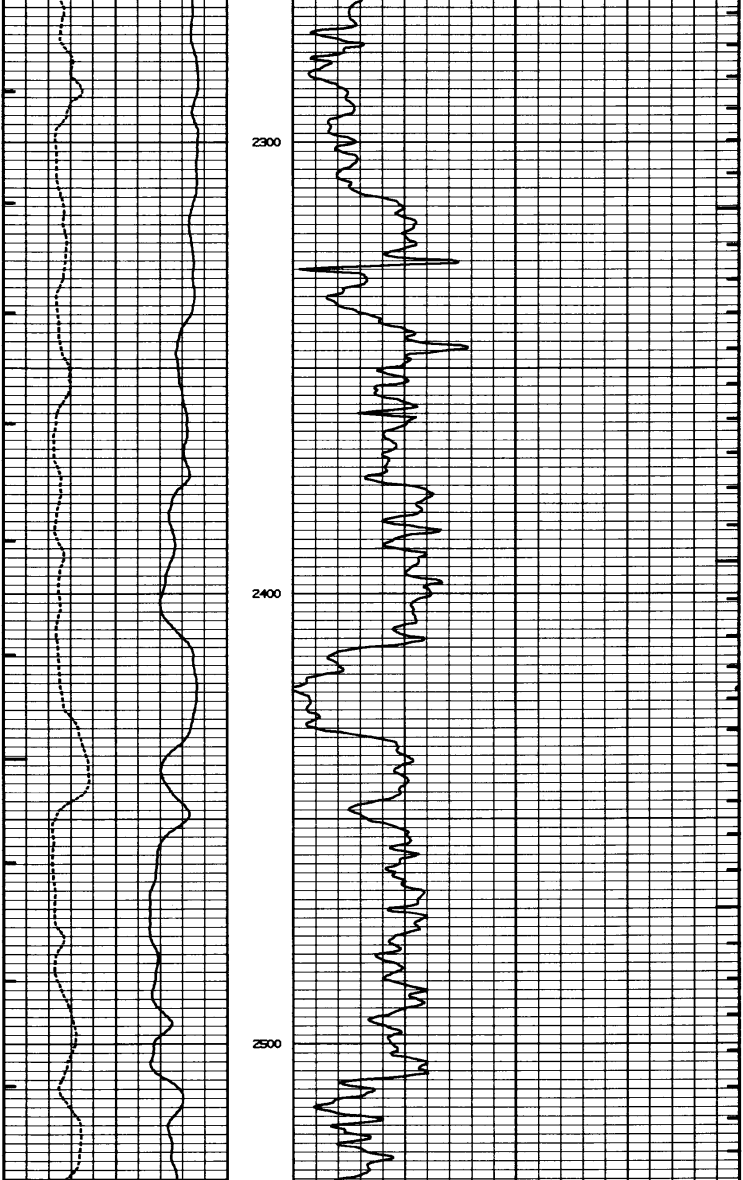


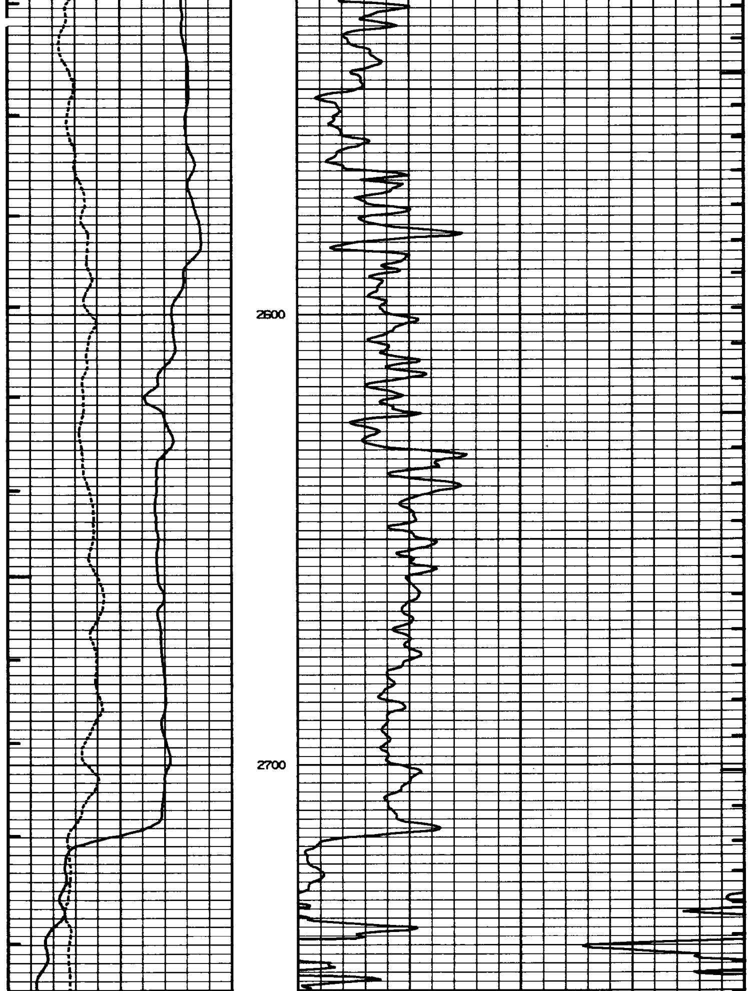


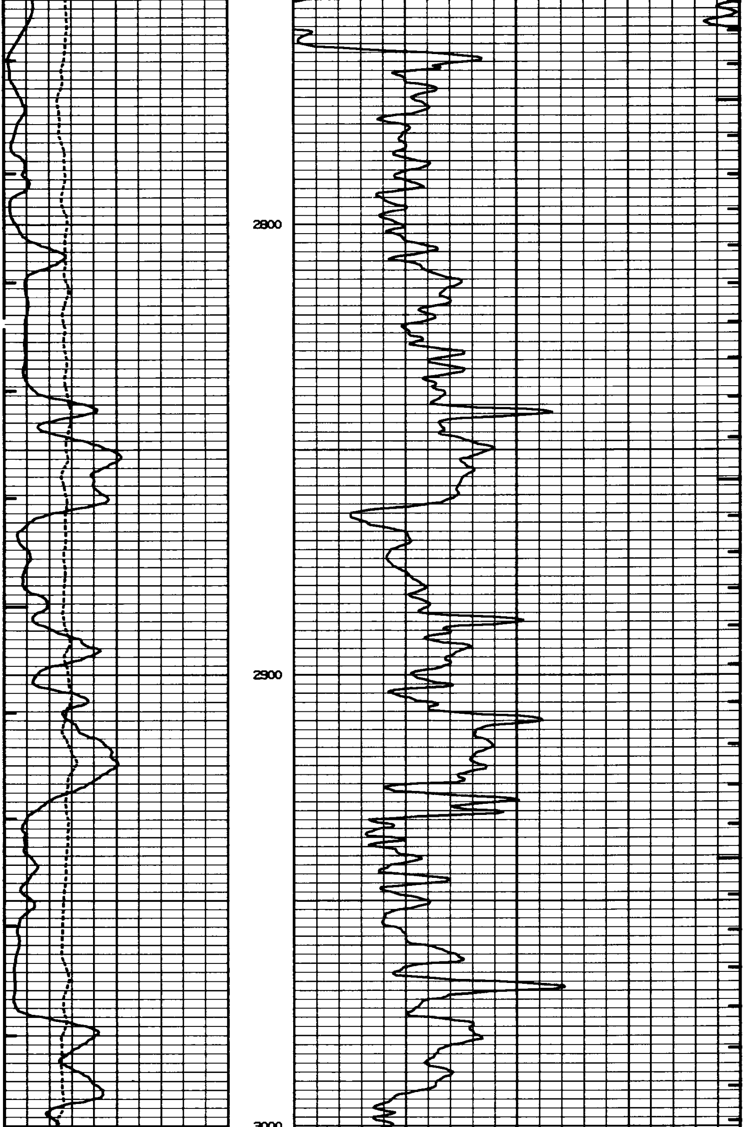


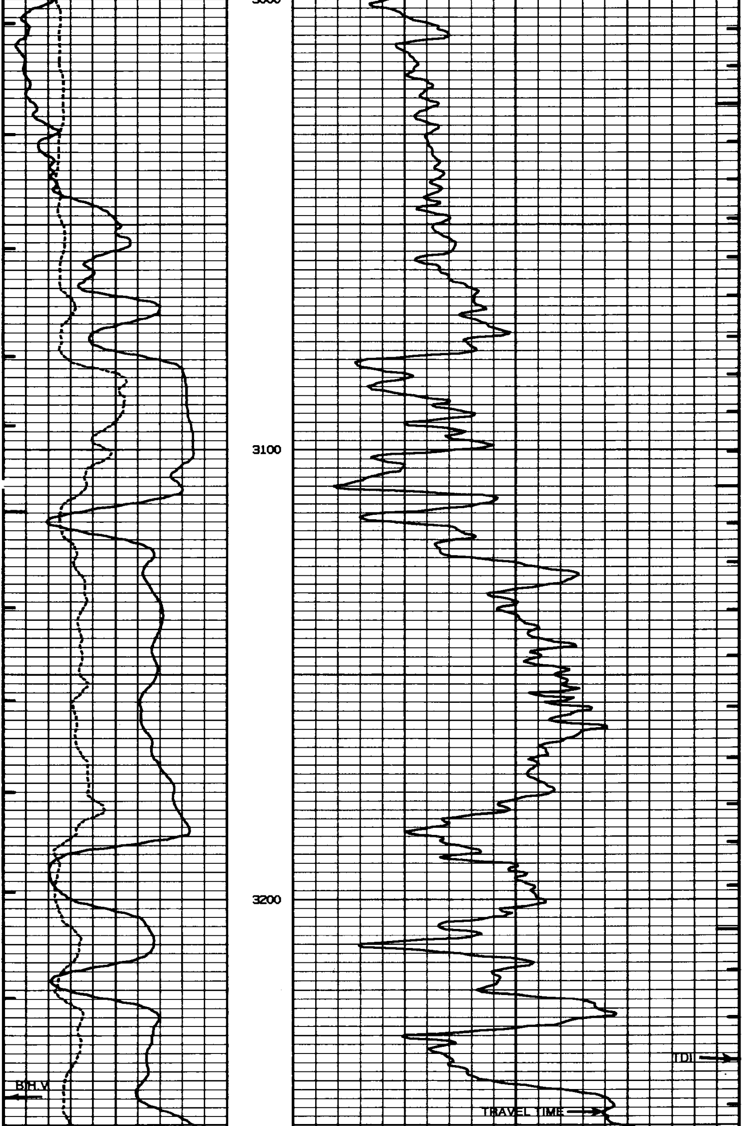


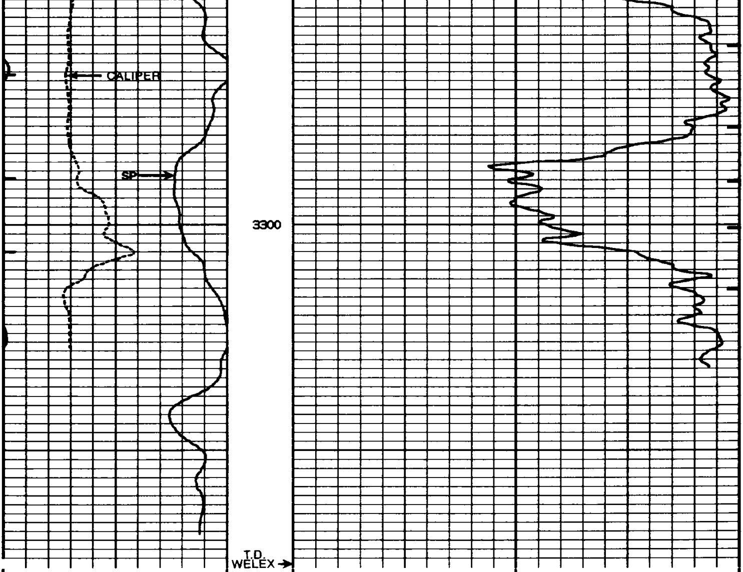












- |10| +
SP

ANNULAR VOLUME
CUBFT

B.H.V.
CUBFT

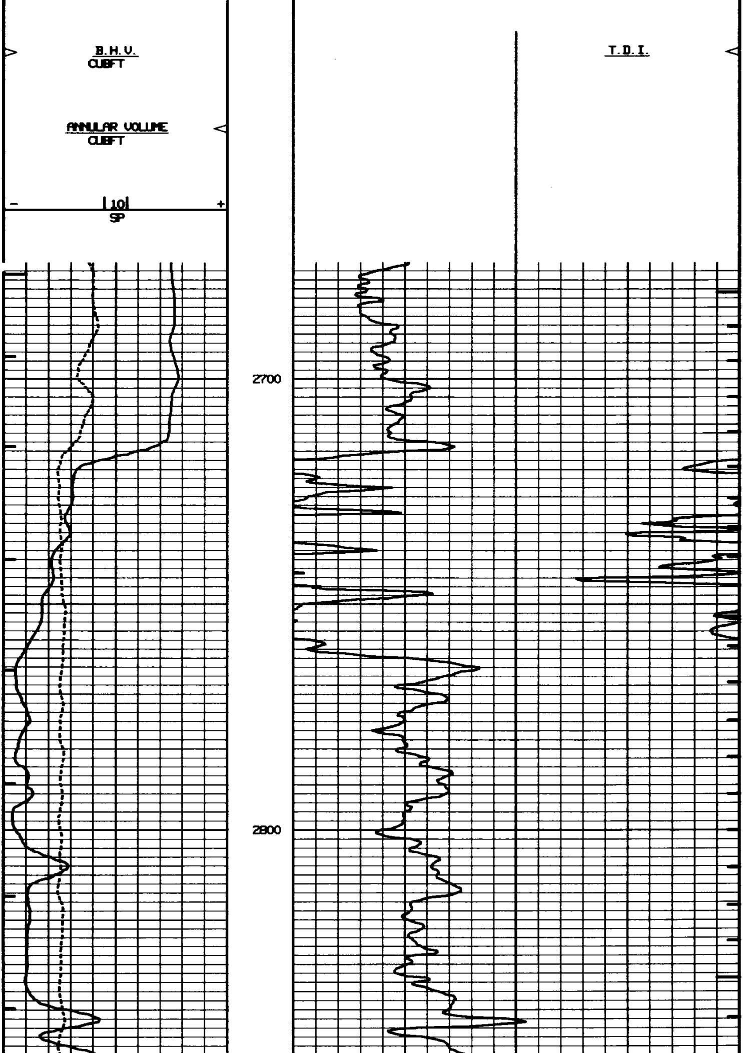
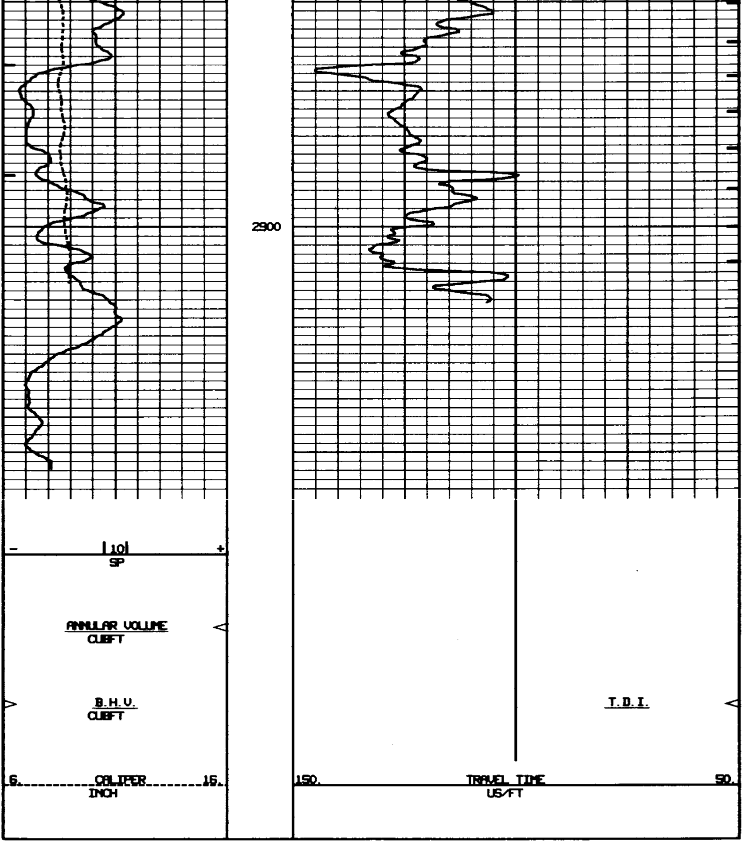
T.D.I.

6. CALIPER 16.
INCH

150. TRAVEL TIME 50.
US/FT

REPEAT SECTION

6. CALIPER 16.
INCH

150. TRAVEL TIME 50.
US/FT