CC 42-09-65

Welex

OPEN HOLE

COMPENSATED ACOUSTIC LOG

COMP. ARCO OIL AND GAS CO.
WELL COLUMBIA COUNTY 42-9-65
FIELD MIST
COUNTY COLUMBIA ST. OREGON

COMPANY	ARCO OIL AND GAS CO.	
WELL	COLUMBIA COUNTY 42-9-65	
FIELD	MIST	
COUNTY	COLUMBIA STATE OREGON	
API NO.		OTHER SERVICES
LOCATION	NORTH 89 DEG. 48 MIN. 18 SEC. EAST 103.11 FT. SOUTH 0 DEG. 11 MIN. 42 SEC. EAST 2298.03 FT. FROM NE CORNER OF	
SEC. 9 TWP. 6N RGE. 5W		

PERMANENT DATUM GROUND LEVEL ELEV. 766.54
LOG MEASURED FROM KELLY BUSHING 10 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM KELLY BUSHING

ELEV.:K.B. 776.54
D.F. 775.54
G.L. 766.54

DATE	10/30/87			
RUN NO.	ONE			
DEPTH-DRILLER	2850			
DEPTH-WELEX	2843			
BTM. LOG INTER.	2838			
TOP LOG INTER.	400			
CASING-DRILLER	9 5/8@ 470	@	@	@
CASING-WELEX	466			
BIT SIZE	8.5			
TYPE FLUID IN HOLE	POLYMER			
DENS. ! VISC.	10.2 ! 40	!	!	!
PH ! FLUID LOSS	9.6 ! 5 ML	! ML	! ML	! ML
SOURCE OF SAMPLE	FLOW LINE			
RM @ MEAS. TEMP.	3.4 @ 70 F	@ F	@ F	@ F
RMF @ MEAS. TEMP.	2.89 @ 70 F	@ F	@ F	@ F
RMC @ MEAS. TEMP.	4.25 @ 70 F	@ F	@ F	@ F
SOURCE RMF RMC	MES ! MES	!	!	!
RM @ BHT	@ F	@ F	@ F	@ F
TIME CIRC. STOPPED	14:00			
TIME ON BOTTOM	19:15			
MAX. REC. TEMP.	96 F@ 2843	F@	F@	F@
EQUIP. ! LOCATION	1888 ! WOODLAND	!	!	!
RECORDED BY	STARNES			
WITNESSED BY	MR. J. SWAIN			

CONFIDENTIAL

FOLD HERE

SERVICE TICKET NO.: API SERIAL NO.: PGM VERSION: V1.87 09/06/85

CHANGE IN MUD TYPE OR ADDITIONAL SAMPLES		
DATE : SAMPLE NO.	:	:
DEPTH-DRILLER		
TYPE FLUID IN HOLE		
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

RESISTIVITY EQUIPMENT DATA

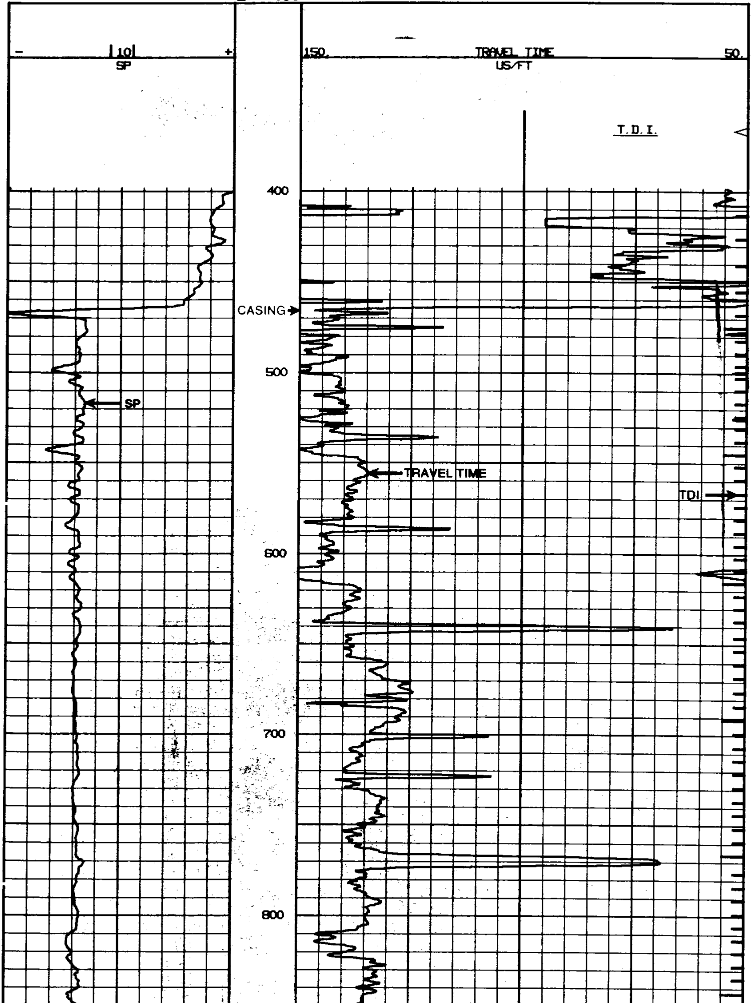
RUN NO.	TOOL TYPE AND NO.	PAD TYPE	TOOL POSITION	OTHER
ONE	DIGL 98862			
	GUARD 67279			
	AML 123123			

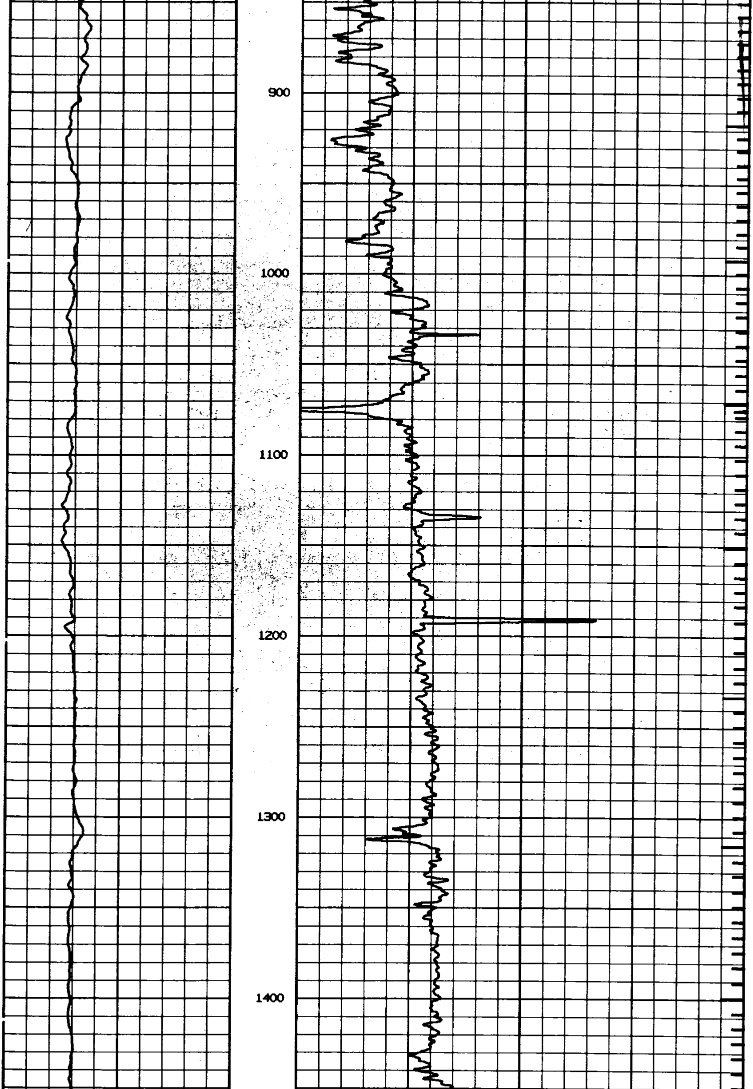
BOREHOLE CORRECTIONS: SHALLOW. MEDIUM. DEEP.

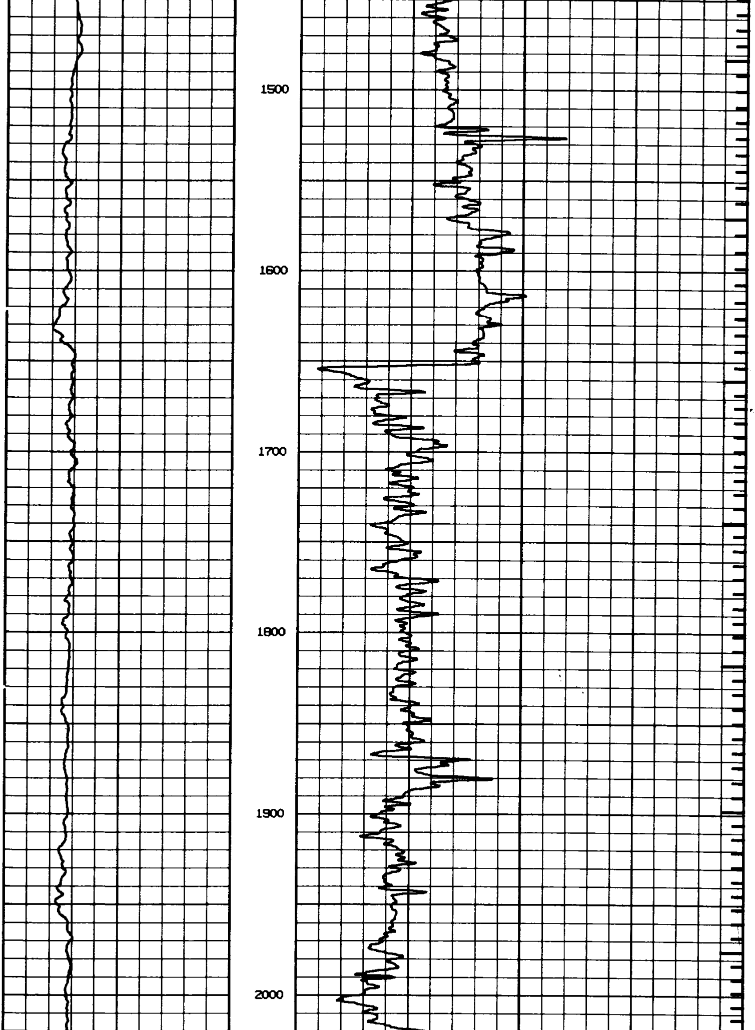
REMARKS:

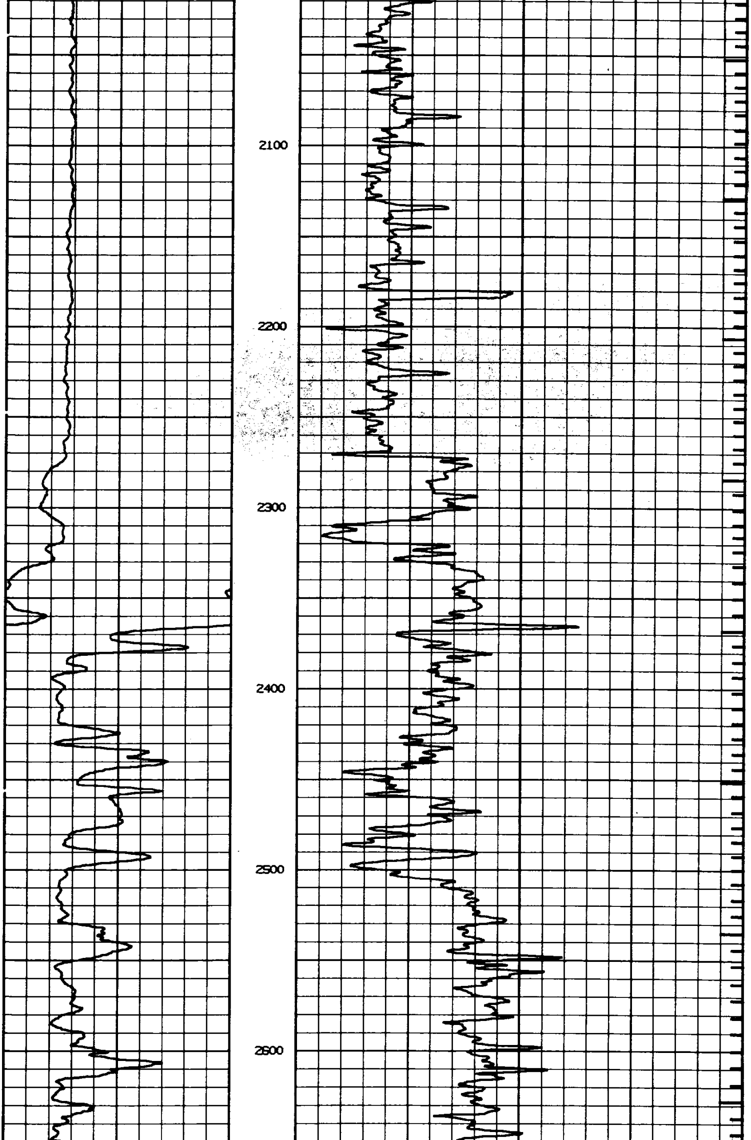
WELEX DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF LOG DATA. CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS. OR RECOMMENDATIONS WHICH MAY BE GIVEN BY WELEX PERSONNEL OR WHICH MAY APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA. INTERPRETATIONS. OR CONVERSIONS. OR RECOMMENDATIONS 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.

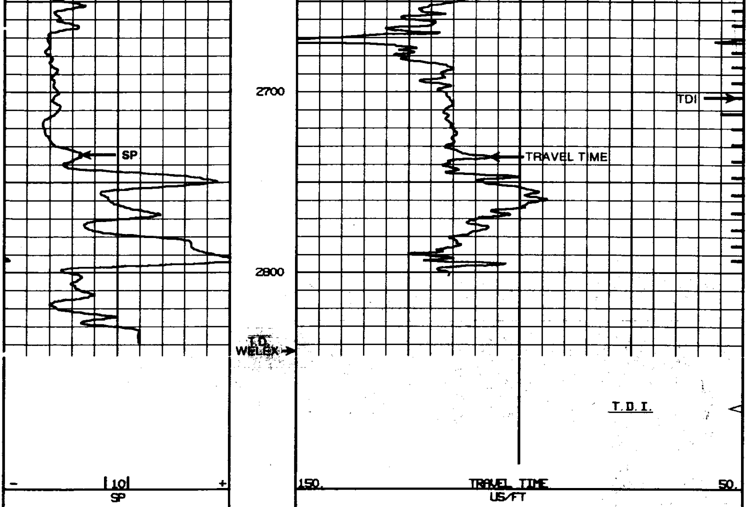
2″ = 100′



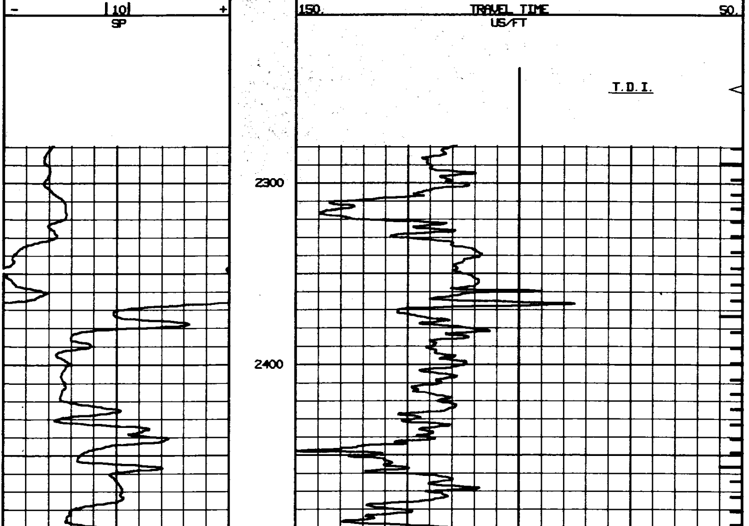


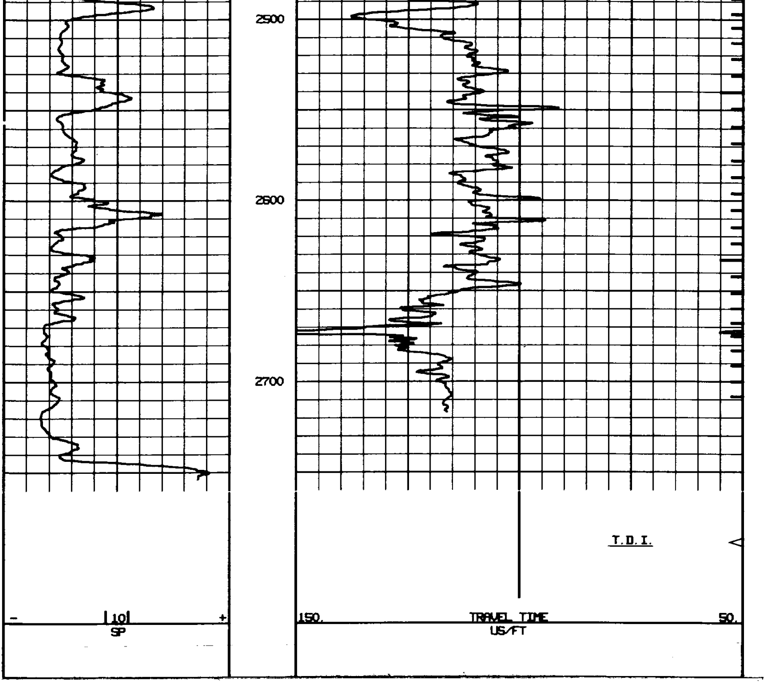






REPEAT SECTION





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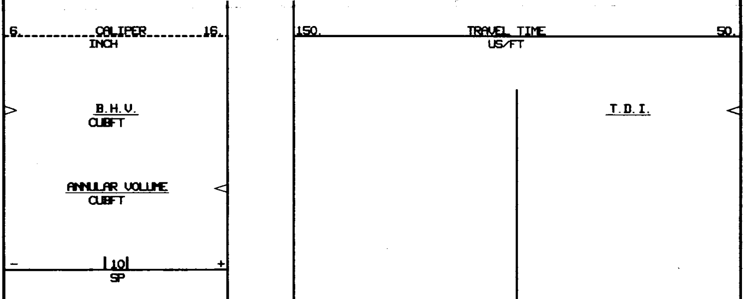
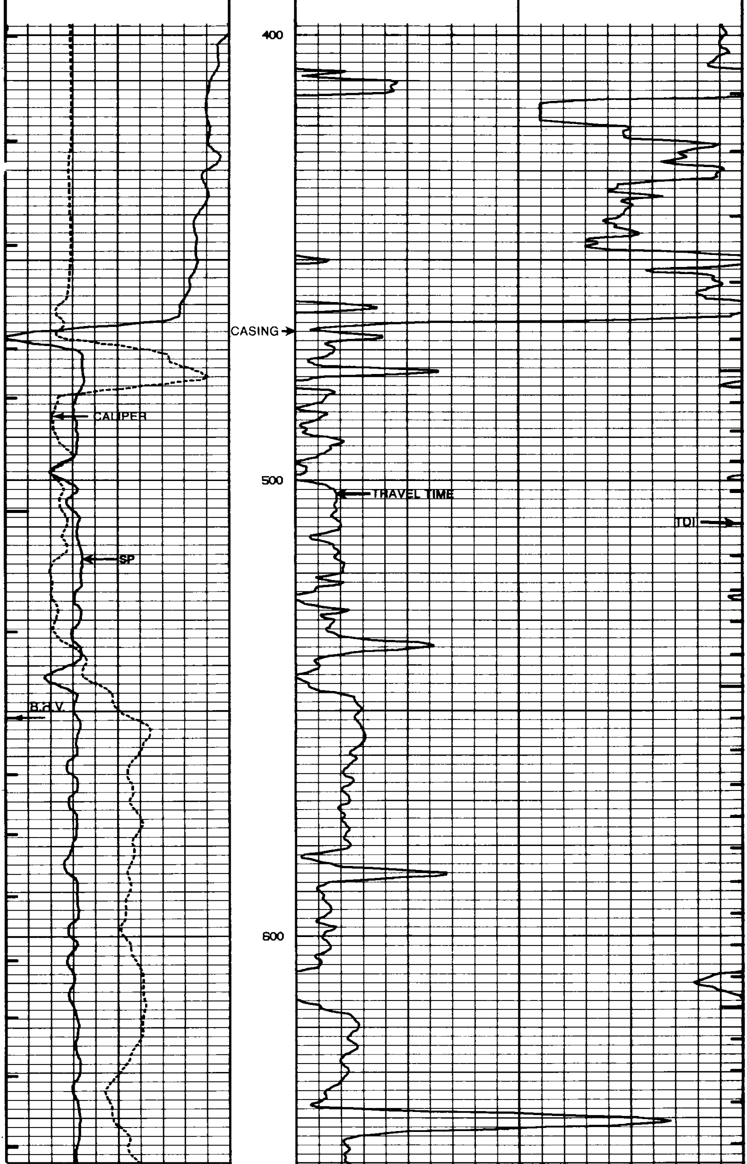
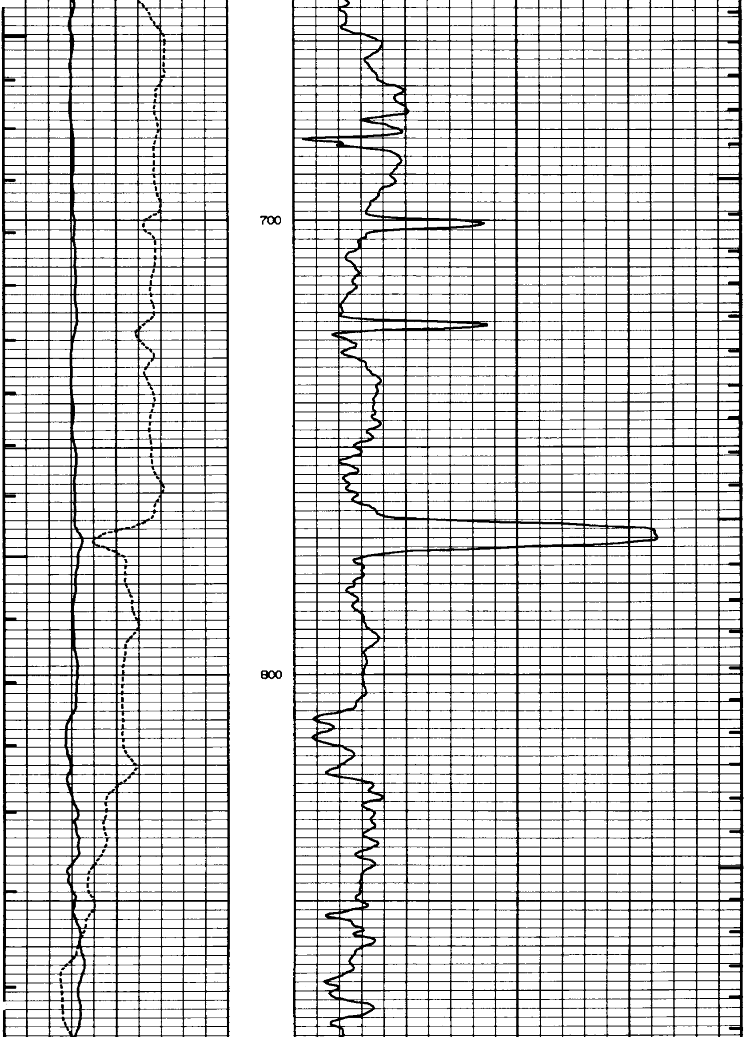
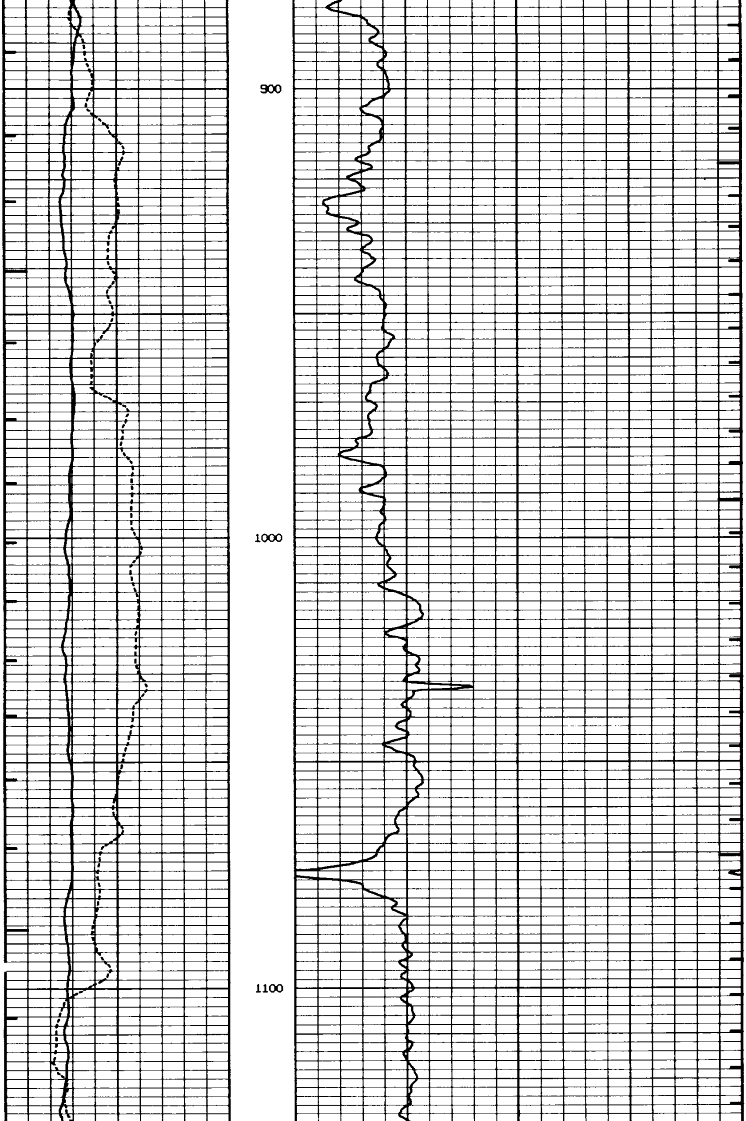
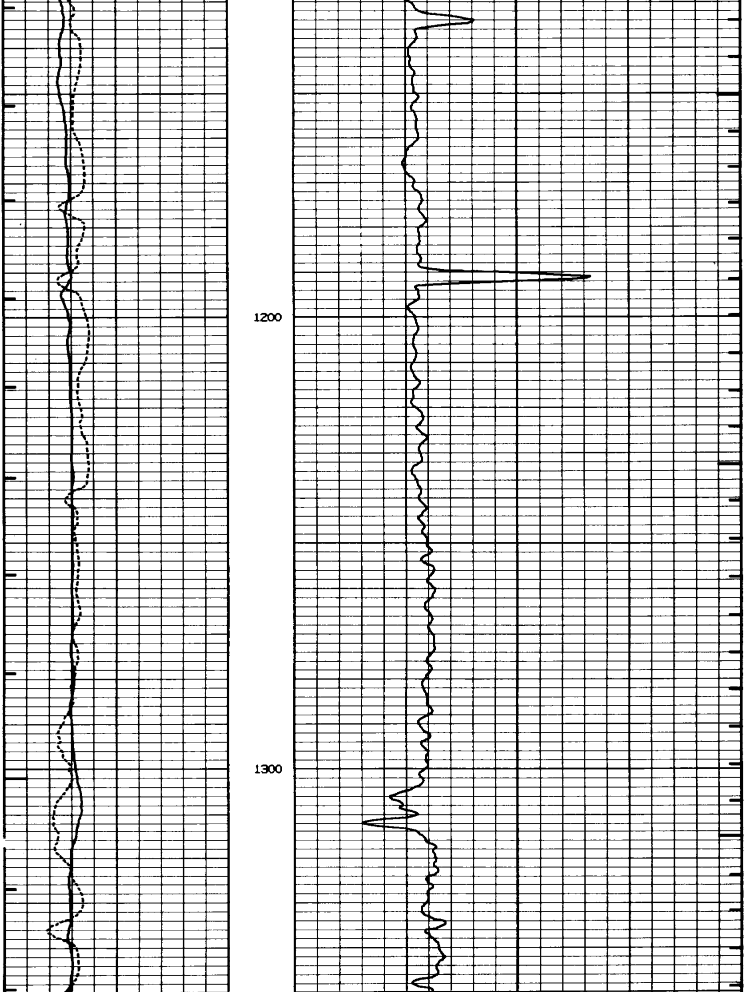
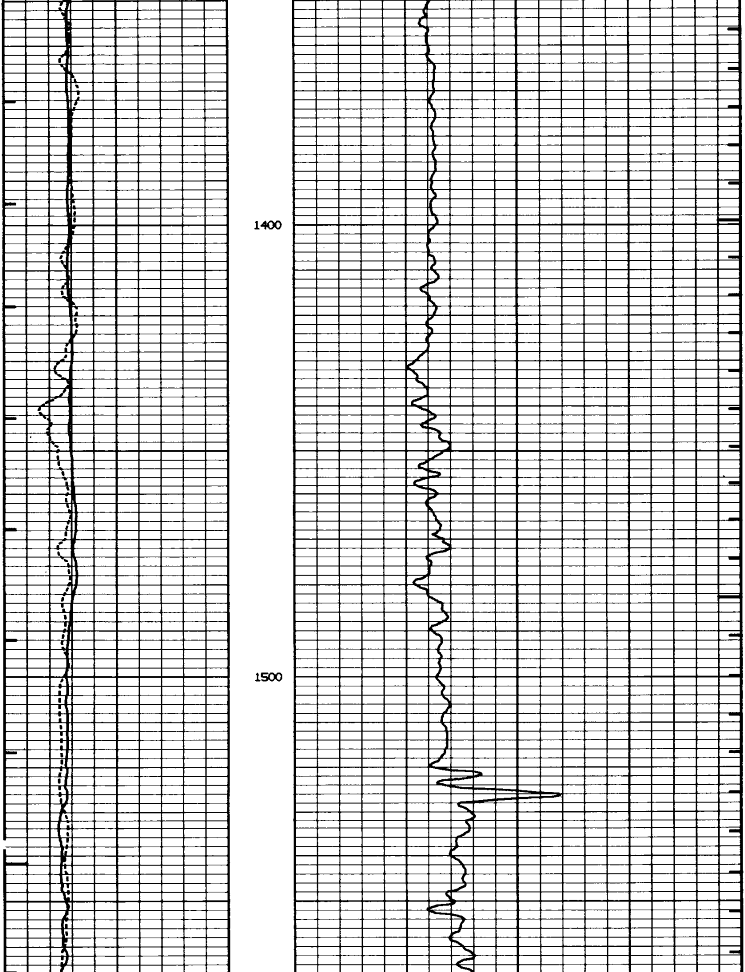


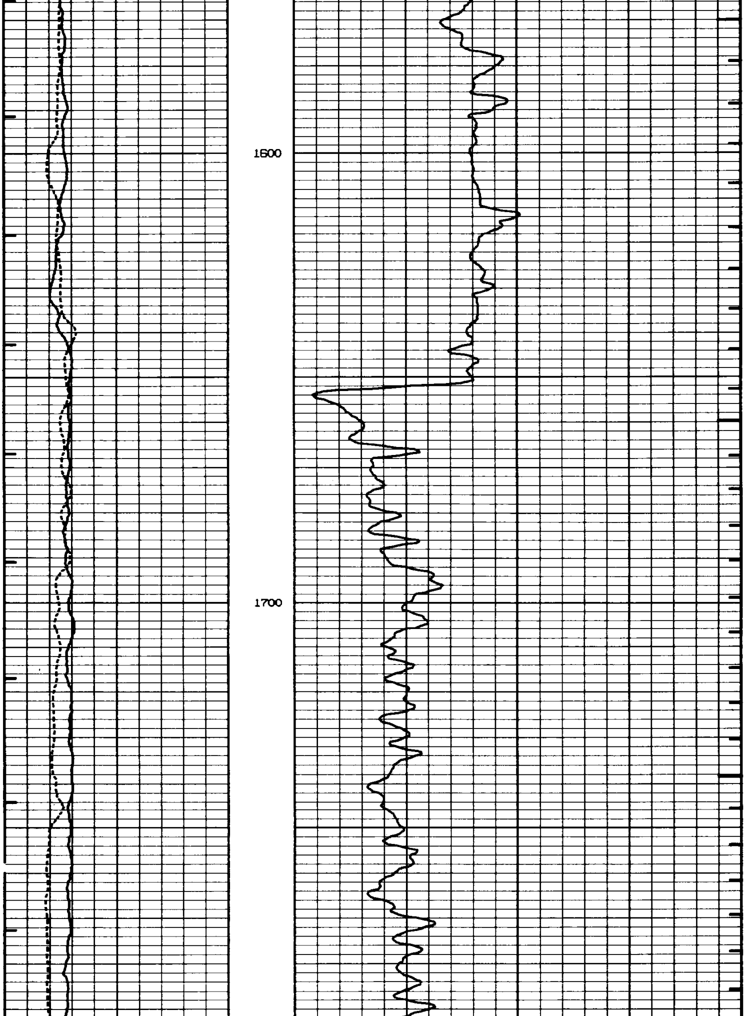


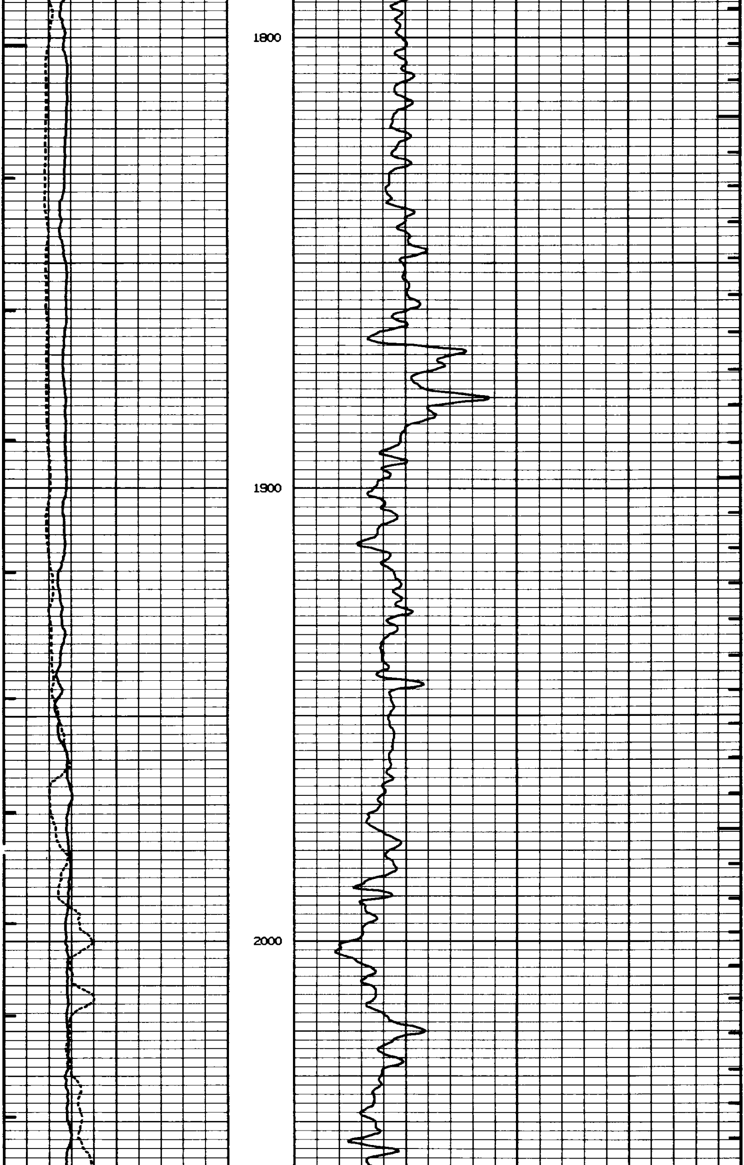


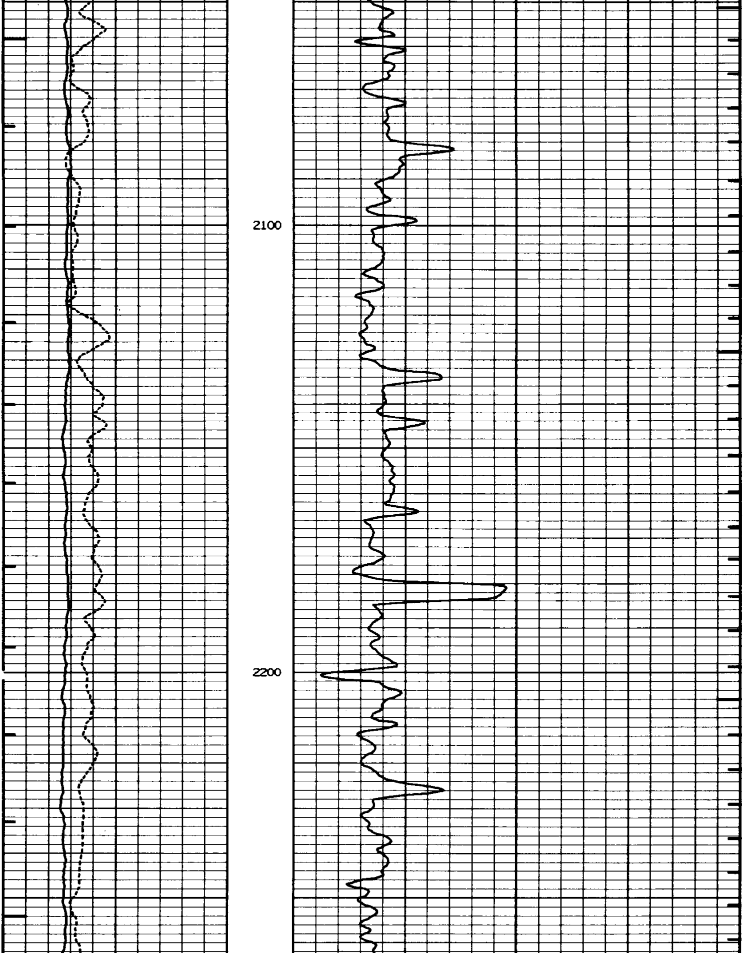


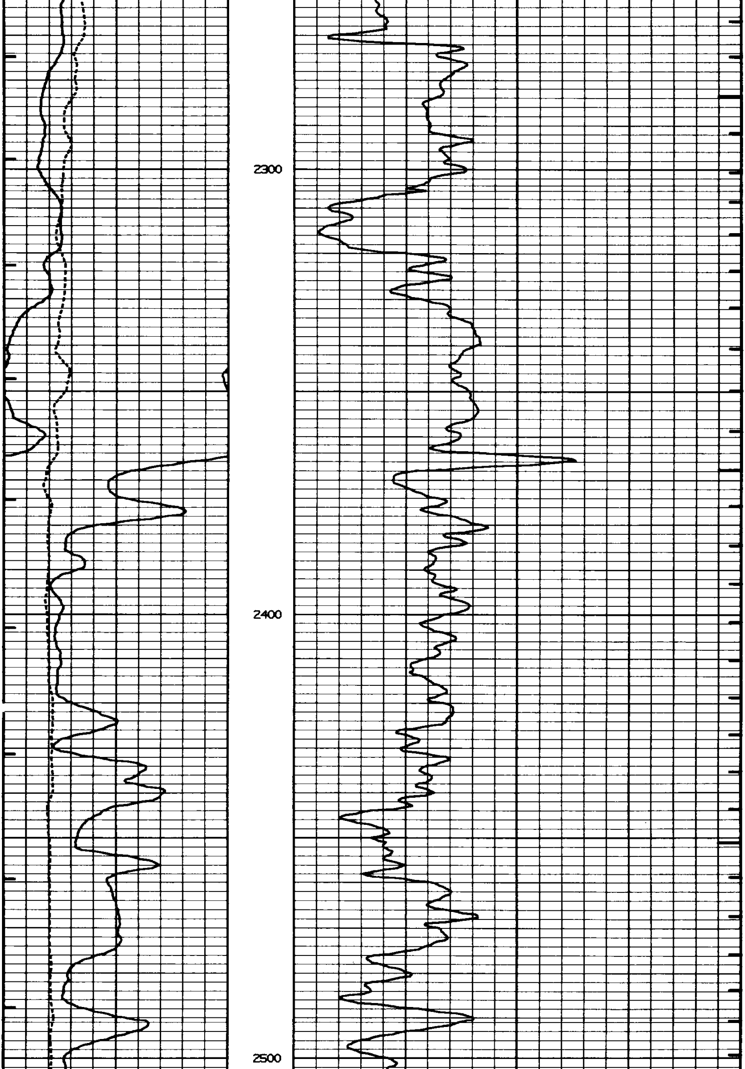


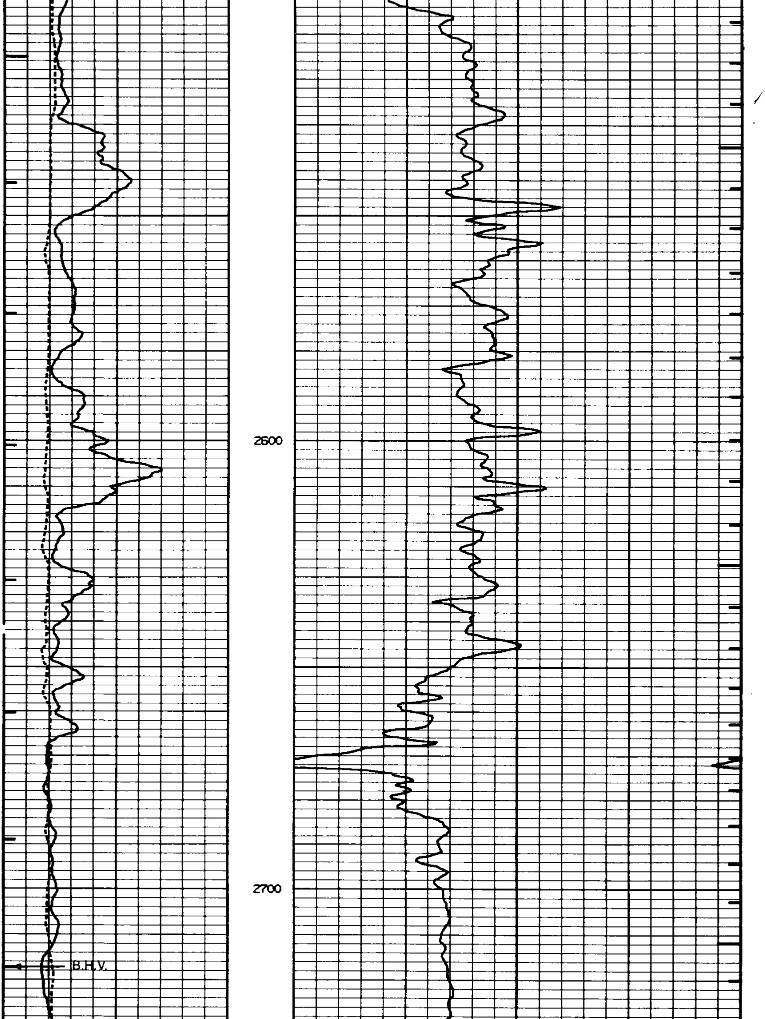


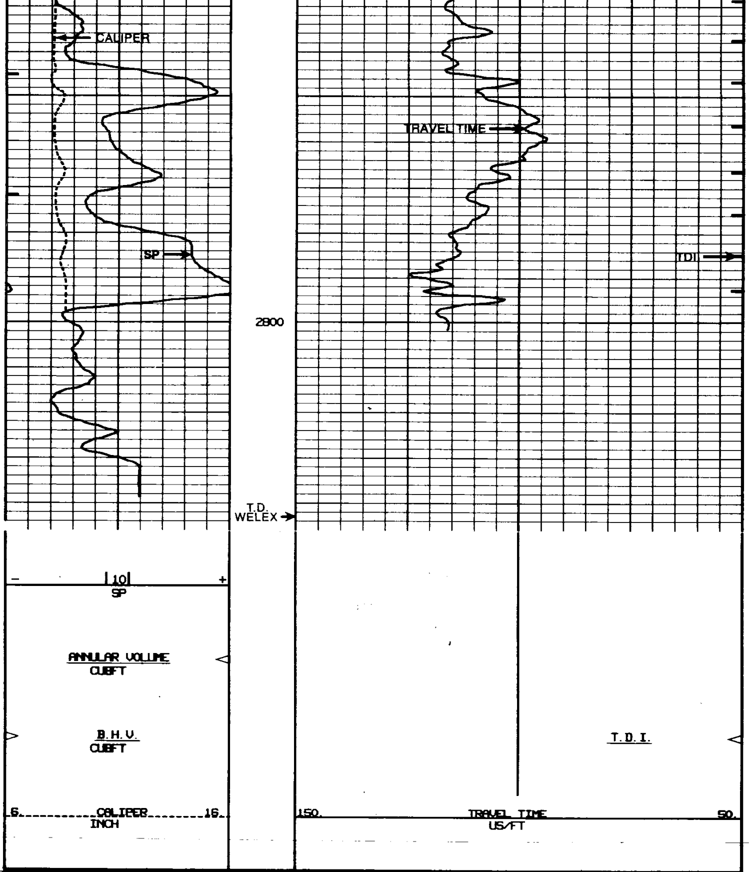








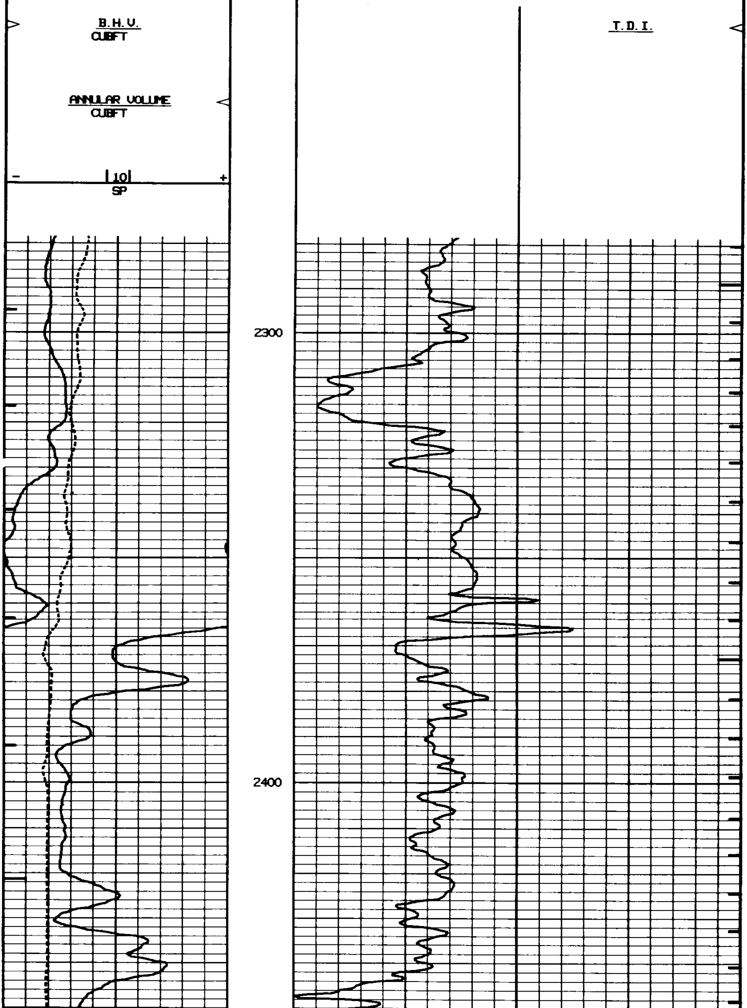


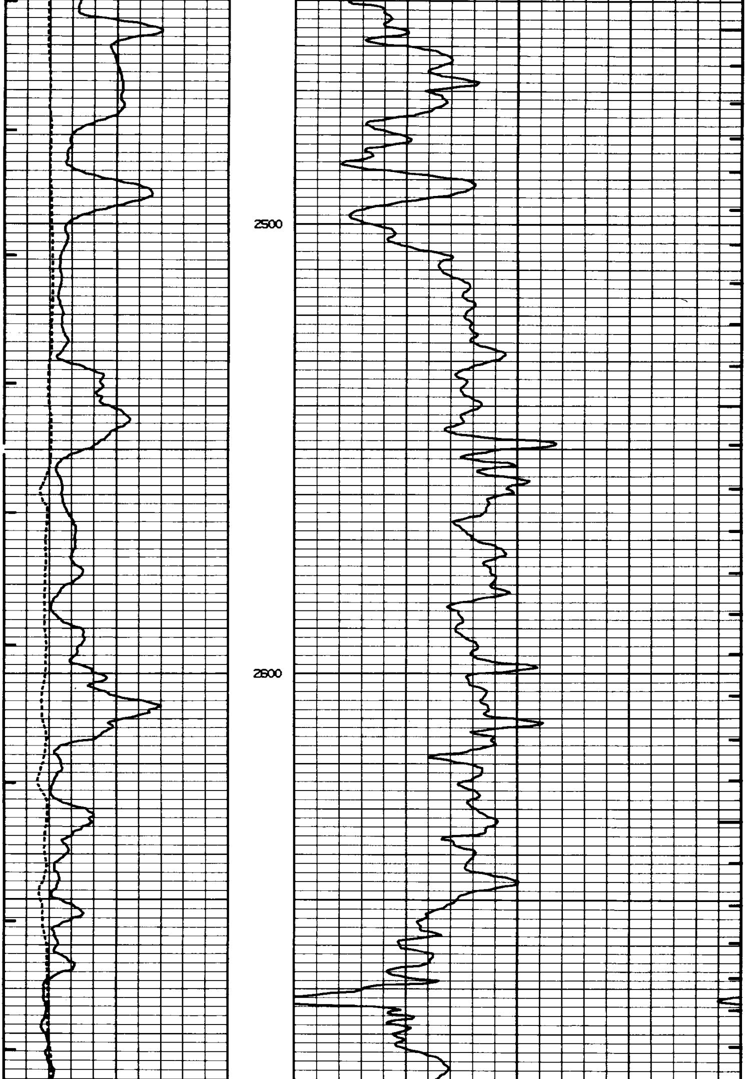


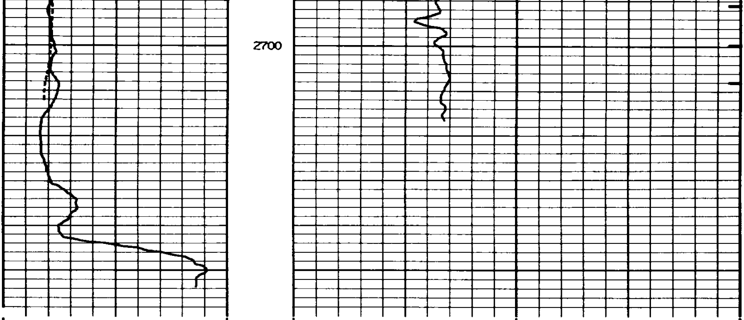
REPEAT SECTION

6. CALIPER 16.
INCH

150. TRAVEL TIME 50.
US/FT







- |10| +
SP

ANNULAR VOLUME
CUBFT

B.H.V.
CUBFT

T.D.I.

6. CALIPER 16.
INCH

150. TRAVEL TIME 50.
US/FT

CASING CHECK

6. CALIPER 16.
INCH

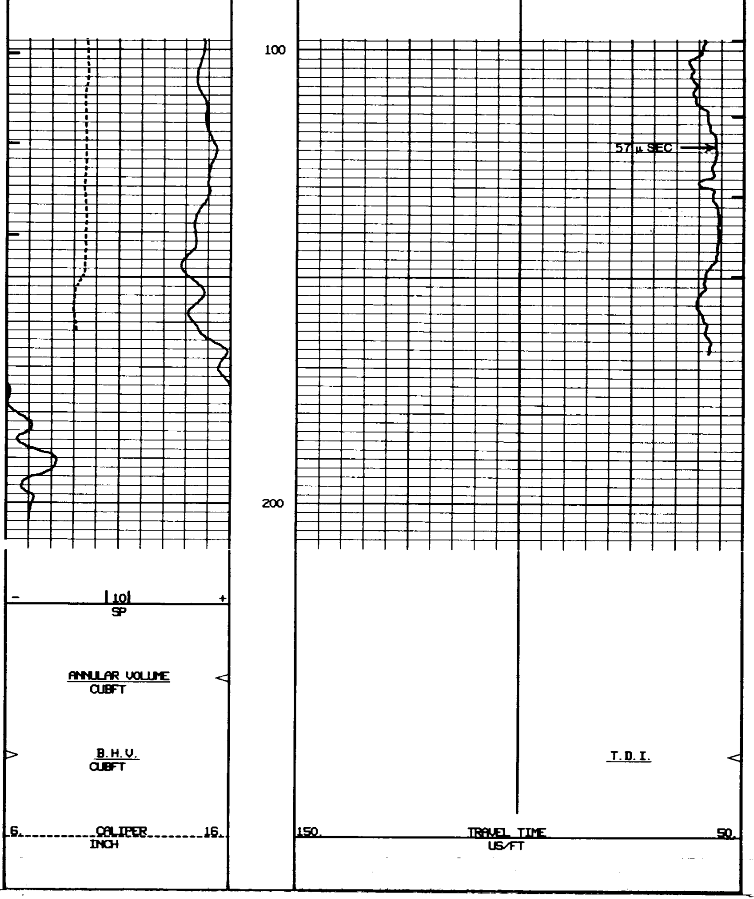
150. TRAVEL TIME 50.
US/FT

B.H.V.
CUBFT

T.D.I.

ANNULAR VOLUME
CUBFT

- |10| +
SP



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                       ENG V1.87 09/06/85 DUAL INDUCTION ACOUSTIC
                                       TOOL TABLE
SUB  SERIAL #  MODEL SOURCE #  CALB #     NRM1    INT1  NRM2      INT2  DLY    TCH
DIL  98862     280   0         0
 CILD                                   0.24473      0 0.04163      0     9.  12,13
 ILME                                    0.4232      0 0.07195      0     6.   8, 9
 SP                                          0.      0        0.      0     8.  22, 0
GLSE 67279     478   0         0        14.2264      0        0.      0     0.   3, 5
MGDE 0         0     0         0             0.      0        0.      0     0.   4, 6
AVL  213213    200   0         0
 DT                                          0.      0        0.      0  35.6  20,21
 PAMP                                      0.25      0        0.      0     0.  24, 0
 FAMP                                      0.25      0        0.      0     0.  25, 0
 TT                                       432.5      0        0.      0     0.   0, 0
NEU  0         0     0         0             0.      0        0.      0  37.5  18, 0
GR   0         0     0         0             0.      0        0.      0   38.  17, 0
CALI 123       123   0         0        0.00221   4600        0.      0  49.3  16, 0
CCL  0         0     0         0             0.      0        0.      0     0.  22, 0
TENS 1888      0     0         0         7.9369   2101        0.      0     0.  A6, 0
TEMP 0         0     0         0             0.      0        6.      0     0.   0, 0
GPC1 0         0     0         0             0.      0        0.      0     0.   0, 0
GPC2 0         0     0         0             0.      0        0.      0     0.   0, 0
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- End -