[redacted]

Western Atlas International
A Litton Dresser Company
Atlas Wireline Services

BHC ACOUSTILOG®
GAMMA RAY

FILE NO.

API NO.

5" = 100'

COMPANY	ARCO OIL & GAS COMPANY
WELL	CC 24-9-64
FIELD	MIST
COUNTY	COLUMBIA STATE OR.

LOCATION:
822.64' N & 385.96' W OF THE
SE CORNER OF
SEC 9   TWP 6N   RGE 4W

OTHER SERVICES
DIFL
GR/CN/COL

PERMANENT DATUM GL   ELEV. 1524.3
LOGGING MEASURED FROM KB 10' FT. ABOVE P.D.
DRILLING MEASURED FROM KB

ELEVATIONS
KB 1534.35'
DF
GL 1524.35'

DATE	9/2/88						
RUN	1						
SERVICE ORDER	159049						
DEPTH-DRILLER	2503'						
DEPTH-LOGGER	2498'						
BOTTOM LOGGED INTERVAL	2496'						
TOP LOGGED INTERVAL	1150'						
CASING - DRILLER	7 "	@ 1150'		@		@	@
CASING - LOGGER	1150'						
BIT SIZE	6 1/4"						
TYPE FLUID IN HOLE	EZ MUD						
DENSITY / VISCOSITY	10.2	45					
PH / FLUID LOSS	8.0	6.8					
SOURCE OF SAMPLE	FLOWLINE						
RM AT MEAS. TEMP.	2.93	@ 82 F		@		@	@
RMF AT MEAS. TEMP.	0.94	@ 75 F		@		@	@
RMC AT MEAS. TEMP.	3.62	@ 75 F		@		@	@
SOURCE OF RMF / RMC	MEAS	MEAS					
RM AT BHT	2.45	@ 98 F		@		@	@
TIME SINCE CIRCULATION	2 HRS						
MAX. REC. TEMP. DEG. F	98 F						
EQUIP. NO. / LOC.	HL 6406	SAC					
RECORDED BY	B. WELCH						
WITNESSED BY	MR. JACKSON						

FOLD HERE

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT, BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASURMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

REMARKS RUN (1)

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	DIFL	33304	1503	FREE
1	1	AC	79726	1603	CENT
1	1	GR	60484	1309	CENT
1	1	CAL	79090	4209	CENT

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                  PARAMETERS

  NAME     DEPTH INTERVAL    VALUE      UNITS
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A           2499 TO  1084       0.000

M           2499 TO  1084       0.000

O.D.        2499 TO  1084       3.500  INCH

DEL-T F     2499 TO  1084  **********  MICS/FT

DEL-T M     2499 TO  1084      -2.000  MICS/FT

DEL-T S     2499 TO  1034       0.000  MICS/FT



         DISPLAY SCALE CHANGES

              *** NONE ***
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COMPANY:    ARCO OIL & GAS COMPANY                         RUN:  1

WELL NAME:  [illegible] 2A-8-84                            TRIP: 1

SEP IIE:    [illegible]      FILE:   3      DATE:   9  2 88       TIME:  20:11:45

REVISION:   [illegible] 1503 VER 2                         MODE: PLAYBACK
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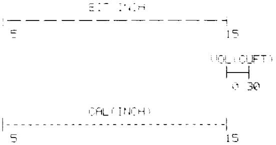
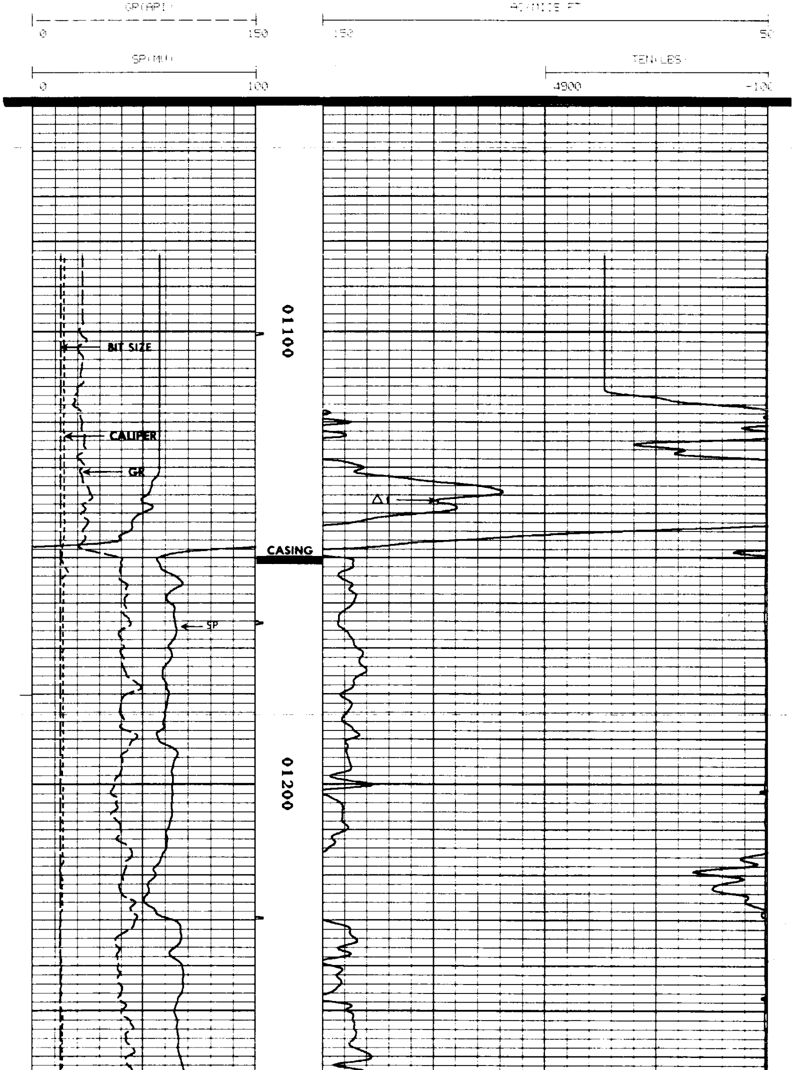
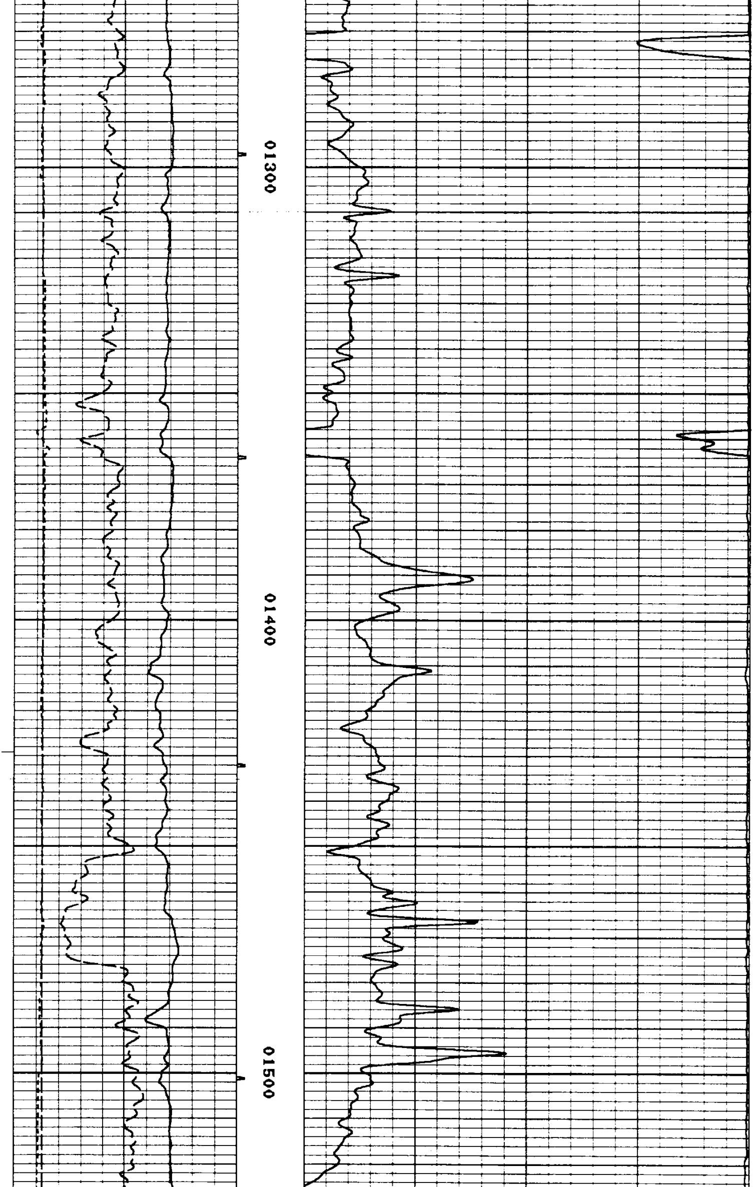
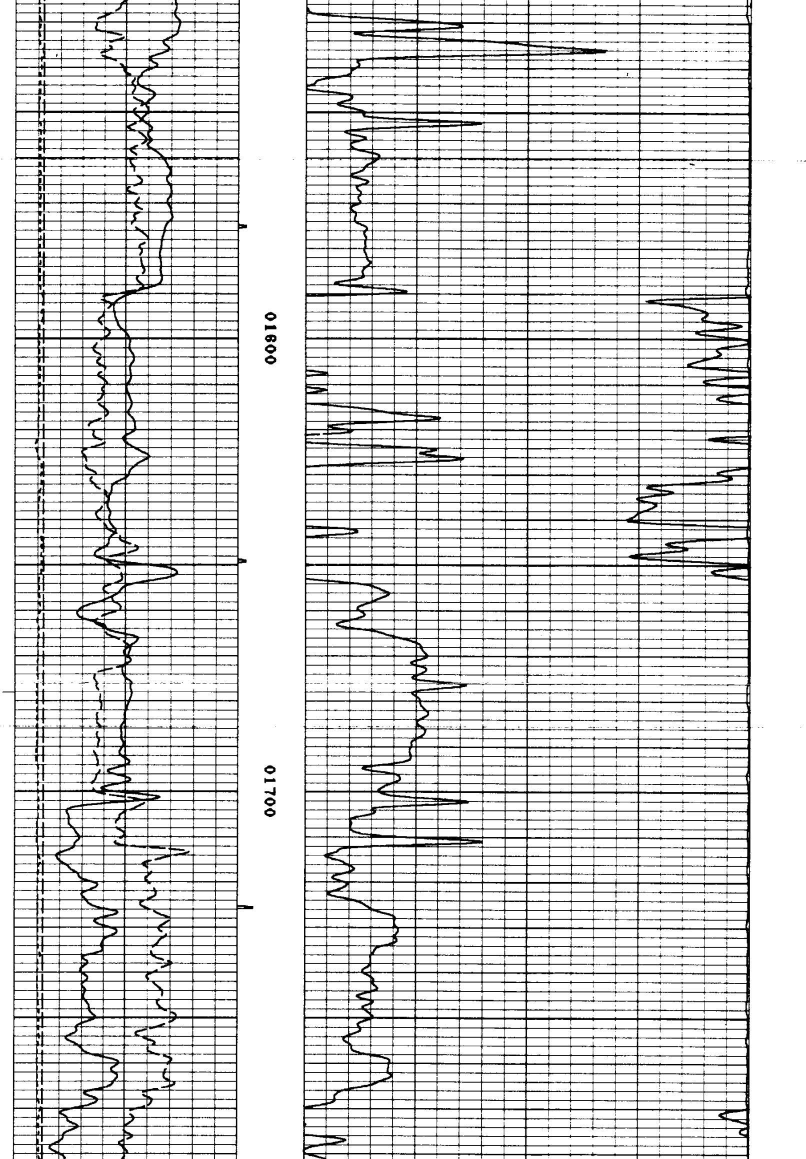
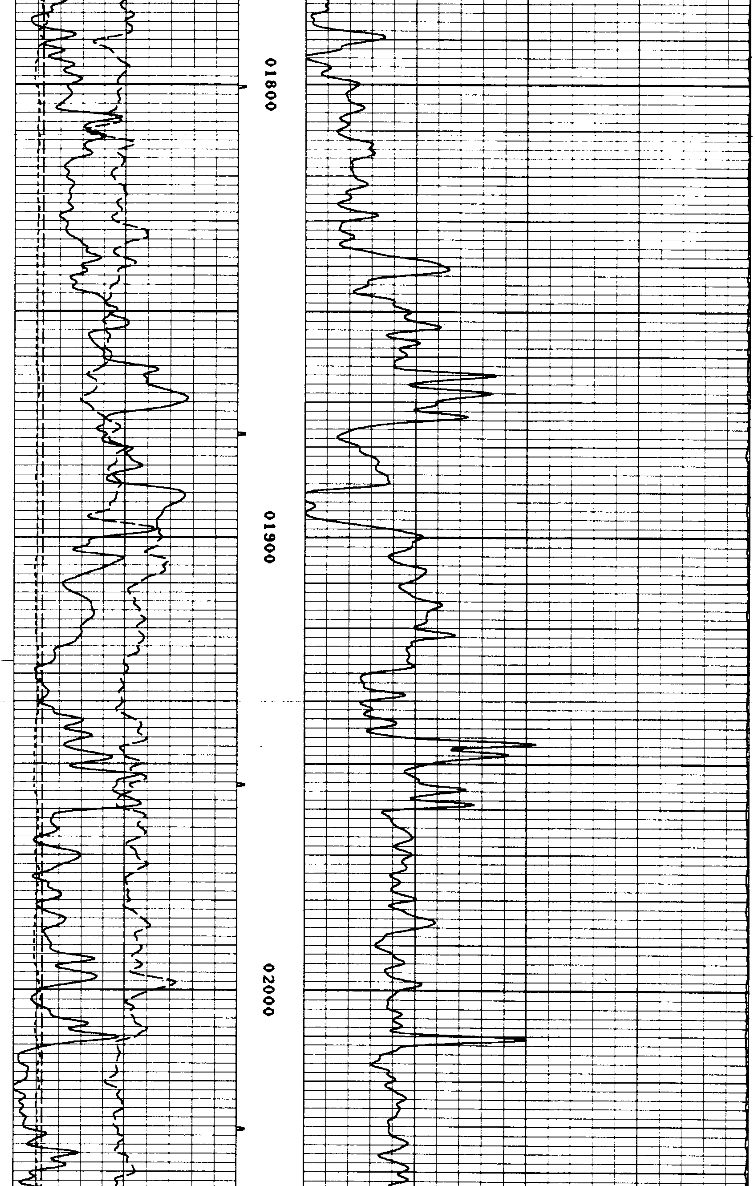
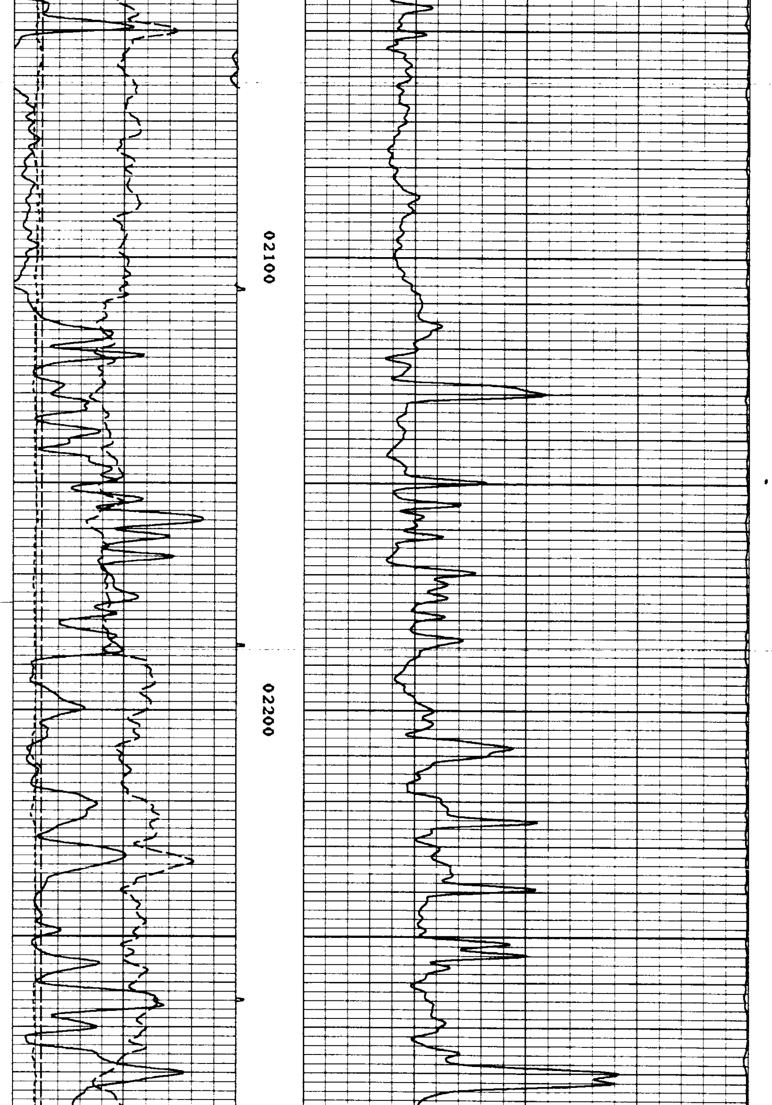


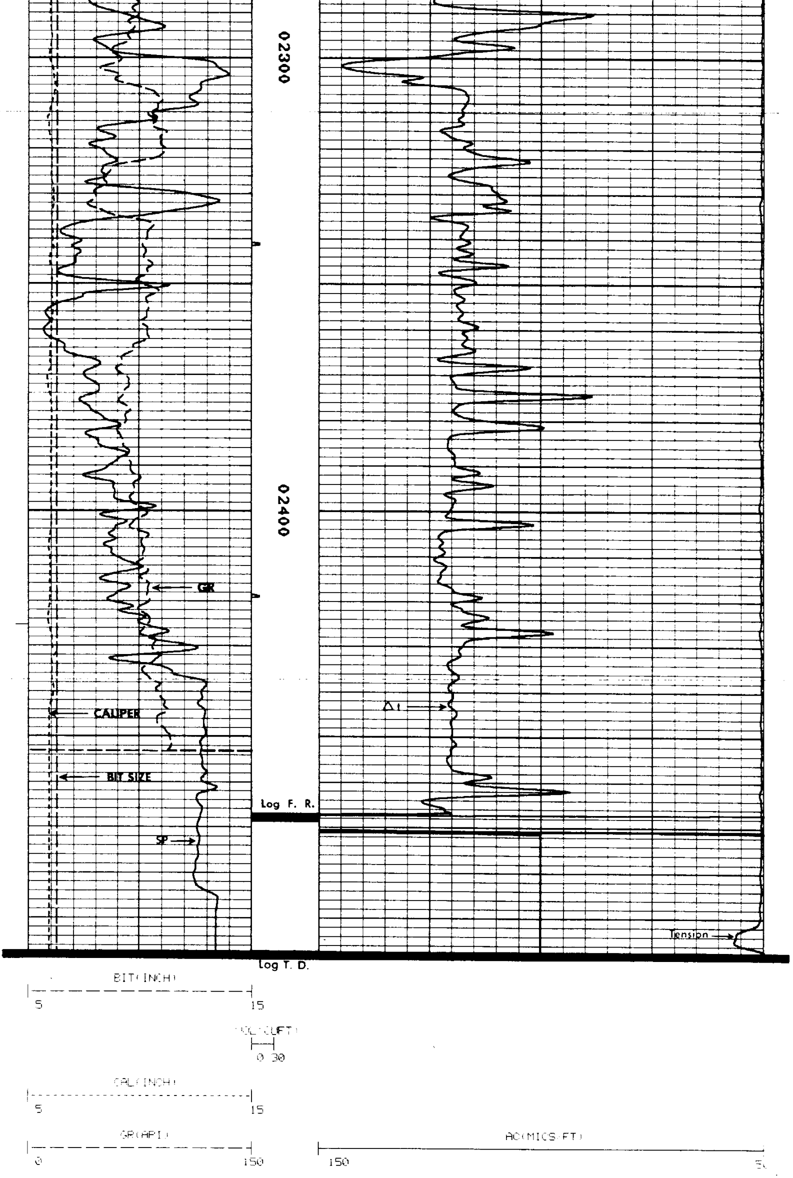












SP(MV)
0 100

TEN(LBS)
4900 -100

PARAMETERS

NAME	DEPTH INTERVAL	VALUE	UNITS
A	1840 TO 1345	0.000	
M	1840 TO 1345	0.000	
O.D.	1840 TO 1345	3.500	INCH
DEL-T F	1840 TO 1345	**********	MICS/FT
DEL-T M	1840 TO 1345	-2.000	MICS/FT
DEL-T S	1840 TO 1345	0.000	MICS/FT

DISPLAY SCALE CHANGES

*** NONE ***

COMPANY: ARCO OIL & GAS COMPANY RUN: 1
WELL NAME: CC 24-9-64 TRIP: 1
SERVICE: MC214N FILE: 2 DATE: 9/ 2/88 TIME: 19:30:22
REVISION: FSYSAL REV GS08 VER 2 **REPEAT SECTION** MODE: PLAYBACK

BIT(INCH)
5 15

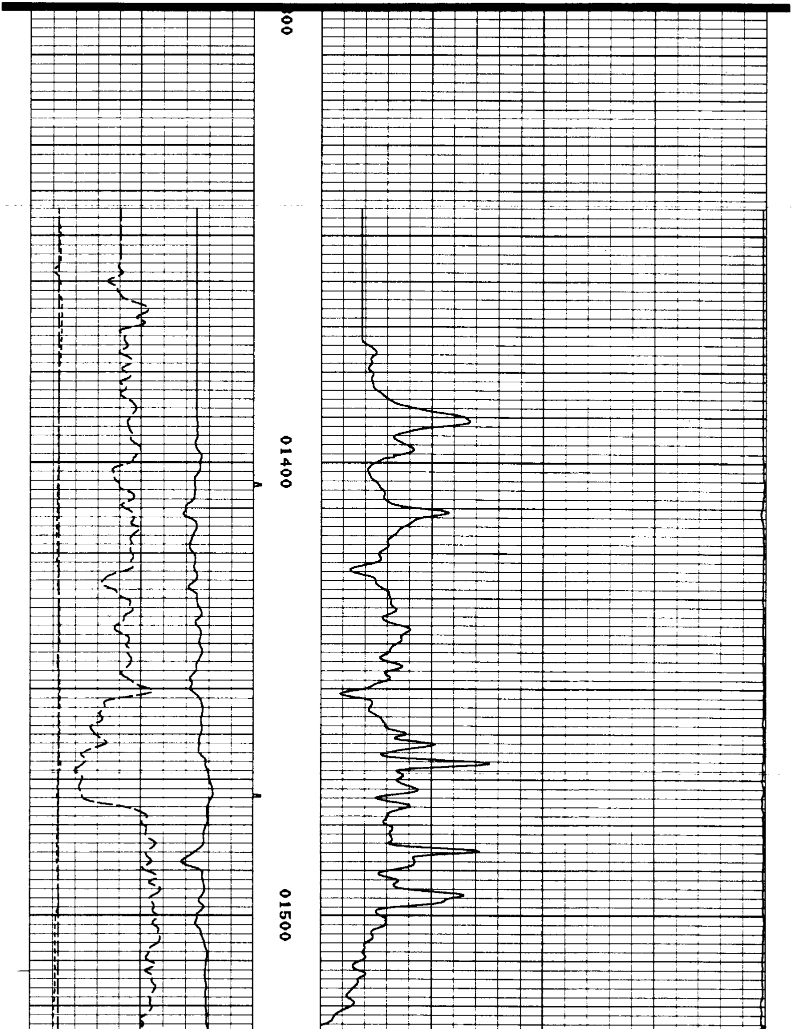
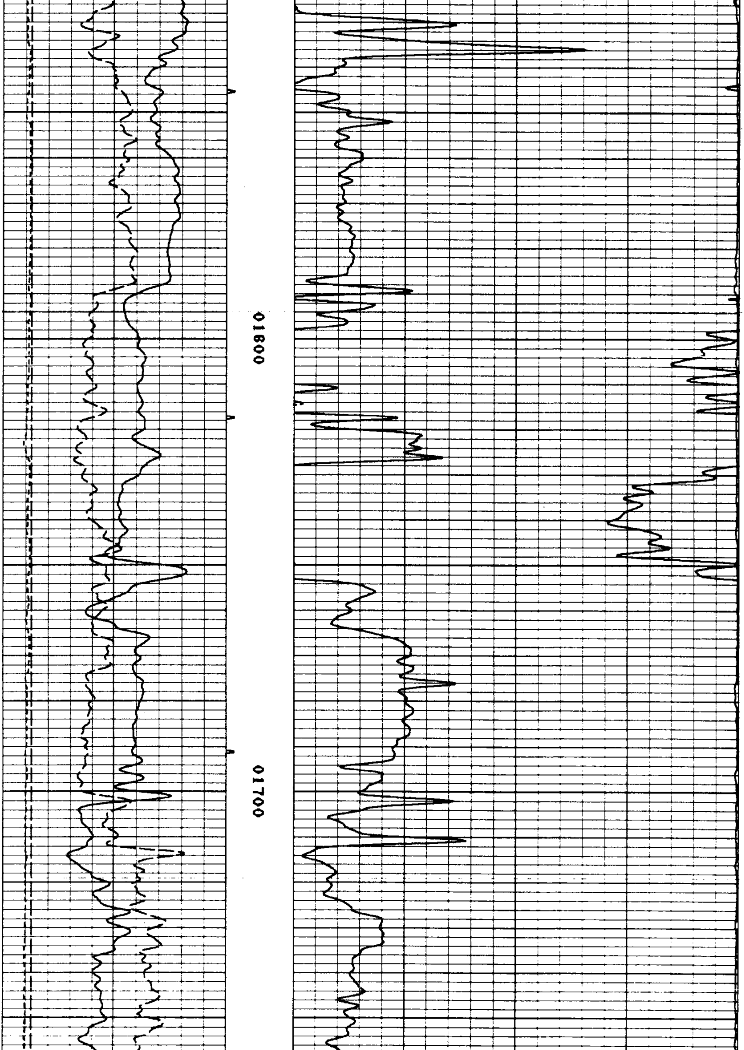
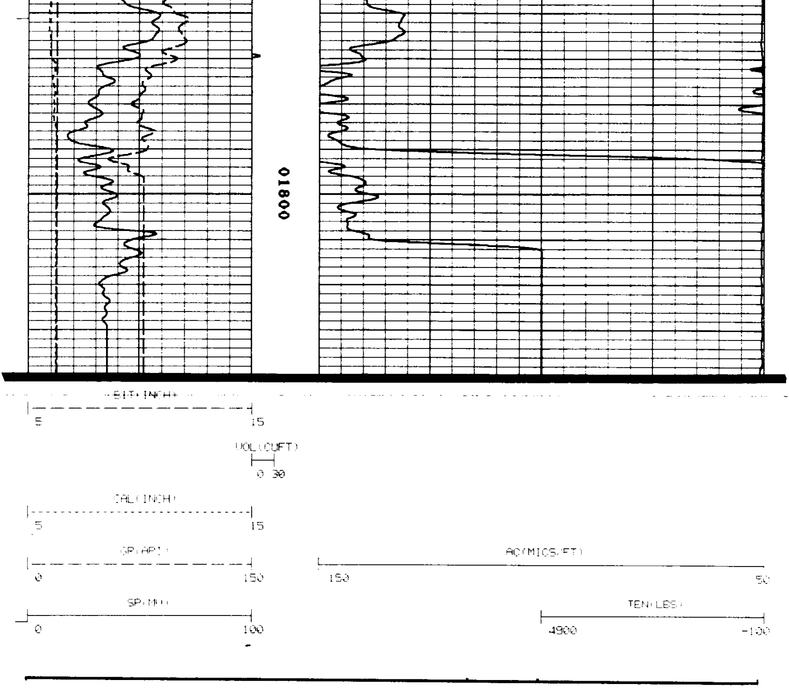
VOL(CUFT)
0 30

CAL(INCH)
5 15

GR(API)
0 150

AC(MICS/FT)
150 50

SP(MV)
0 100

TEN(LBS)
4900 -100