FORM 925321 REV. (9-80)

Western Atlas International
A Litton/Dresser Company
Atlas Wireline Services

BHC Acoustilog®
Gamma Ray

FILE NO.

API NO.

5" = 100'

Company OREGON NATURAL GAS CORPORATION

Well IW 22D 10

Field MIST

County COLUMBIA State OREGON

LOCATION: 285' N. & 2516' E. OF W/4 CORNER OF:

SEC 10 TWP 6W RGE 5W

Other Services
DILL/SP
CDLC/CN-GR
DIP

Permanent Datum GL Elev. 787.3'
Log Measured from KB , 11.5 Ft. Above Permanent Datum
Drilling Measured from KB

Elev.
KB 798.8'
DF
GL 787.3'

CONFIDENTIAL/FINAL

Date	8 22 88	8 28 88		
Run No.	ONE	TWO		
Service Order	159041	159044		
Depth—Driller	2117'	2770'		
Depth—Logger	2110'	2762'		
Bottom Logged Interval	2083'	2732'		
Top Logged Interval	450'	2100'		
Casing—Driller	13 3/8"@ 452'	8 5/8"@ 2106'	@	@
Casing—Logger	450'	2100'		
Bit Size	12 1/4"	7 5/8"		
Type Fluid in Hole	GEL/DPAC	GEL/LIGNA		
Density and Viscosity	9.7 40	9.4 38		
pH and Fluid Loss	10.0 7.3 cc	11.1 6.4 cc	cc	cc
Source of Sample	FLOWLINE	FLOWLINE		
Rm @ Meas. Temp.	1.10 @70 °F	1.25 @ 70 °F	@ °F	@ °F
Rmf @ Meas. Temp.	0.85 @70 °F	1.05 @ 70 °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.55 @70 °F	1.80 @ 70 °F	@ °F	@ °F
Source of Rmf and Rmc	M M	M M		
Rm @ BHT	0.72 @106 °F	0.80 @110 °F	@ °F	@ °F
Time Since Circ.	2 HRS.	2.5 HRS.		
Max. Rec. Temp. Deg. F.	106 °F	110 °F	°F	°F
Equip. No. and Location	6406 SAC	6406 SAC.		
Recorded By	M. HINDS	M. HINDS		
Witnessed By	MR. THOMAS	MR. MEYER & MR. THOMAS		

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.

Western Atlas International
A Litton/Dresser Company

ATLAS
WIRELINE
SERVICES

REMARKS RUN (1)

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	DIFL	33304	1503	1.5 SO
1	1	AC	79725	1609	CENT.
1	1	GR			
1	1	CAL	79090	4209	VAR

REMARKS RUN (2)

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
2	2	DIFL	33304	1503	1.5 SO
2	2	AC	79726	1609	CENT.
2	2	GR			
2	2	CAL	79092	4222	VAR.

PARAMETERS

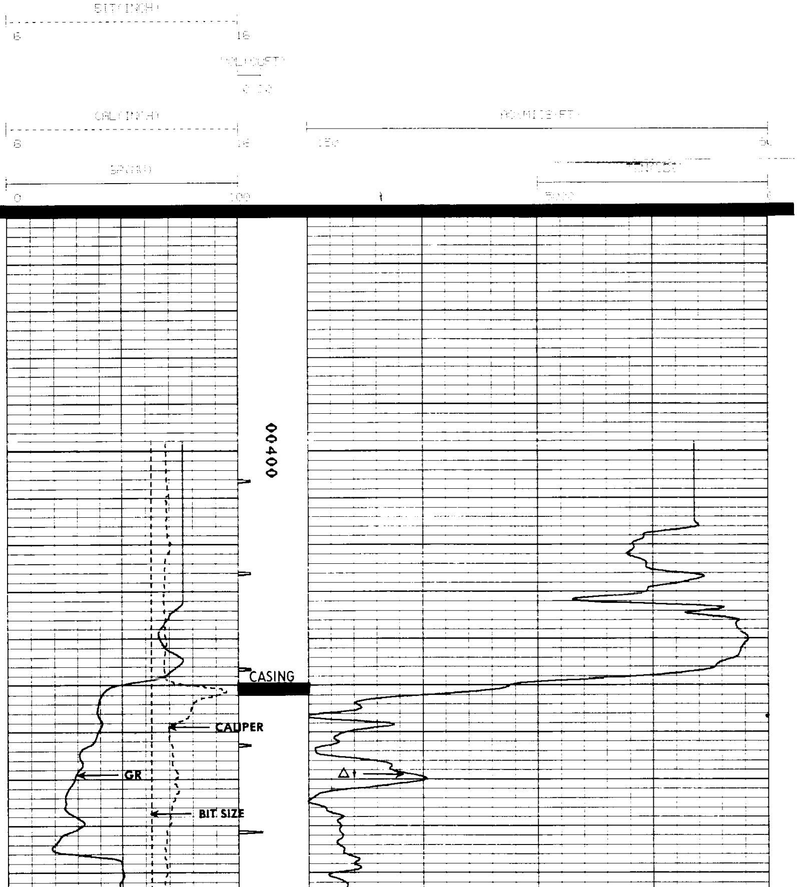
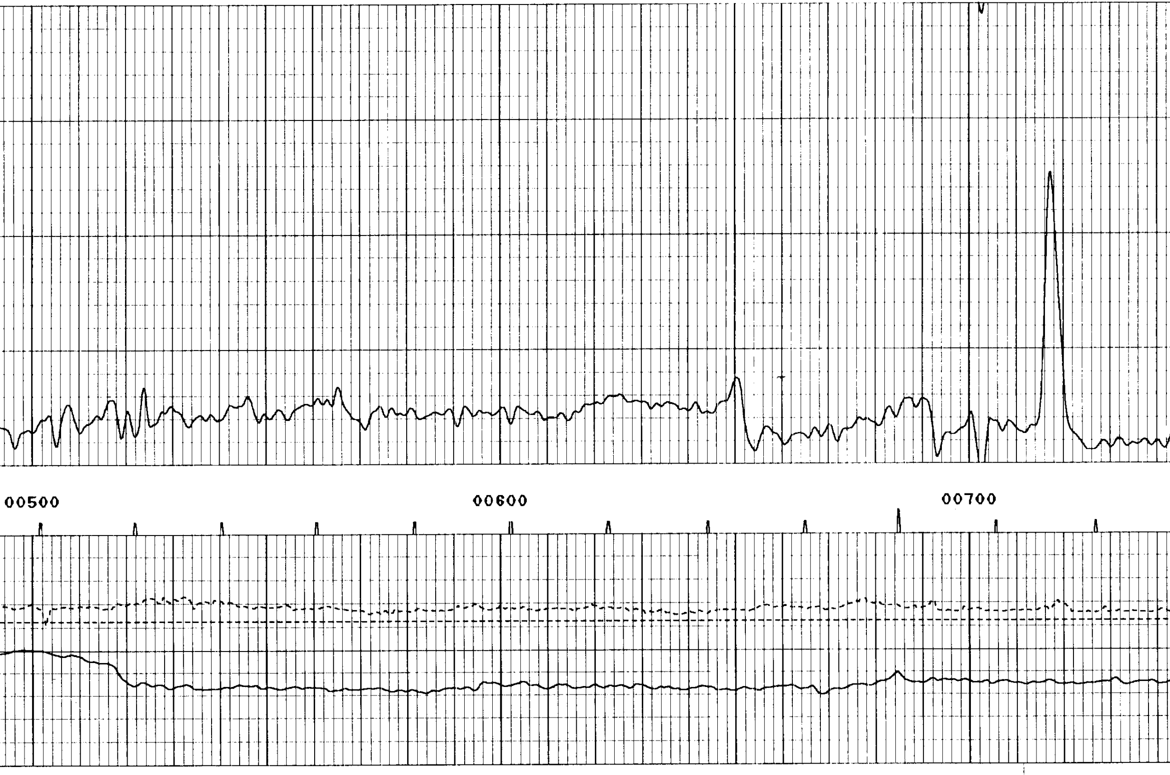
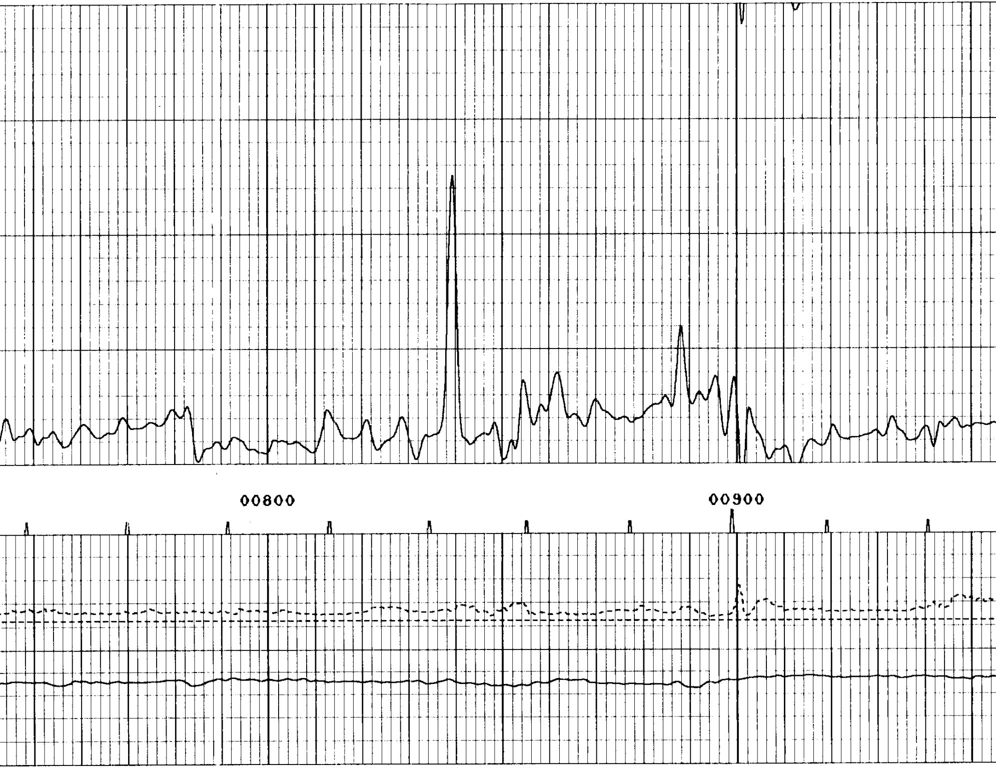
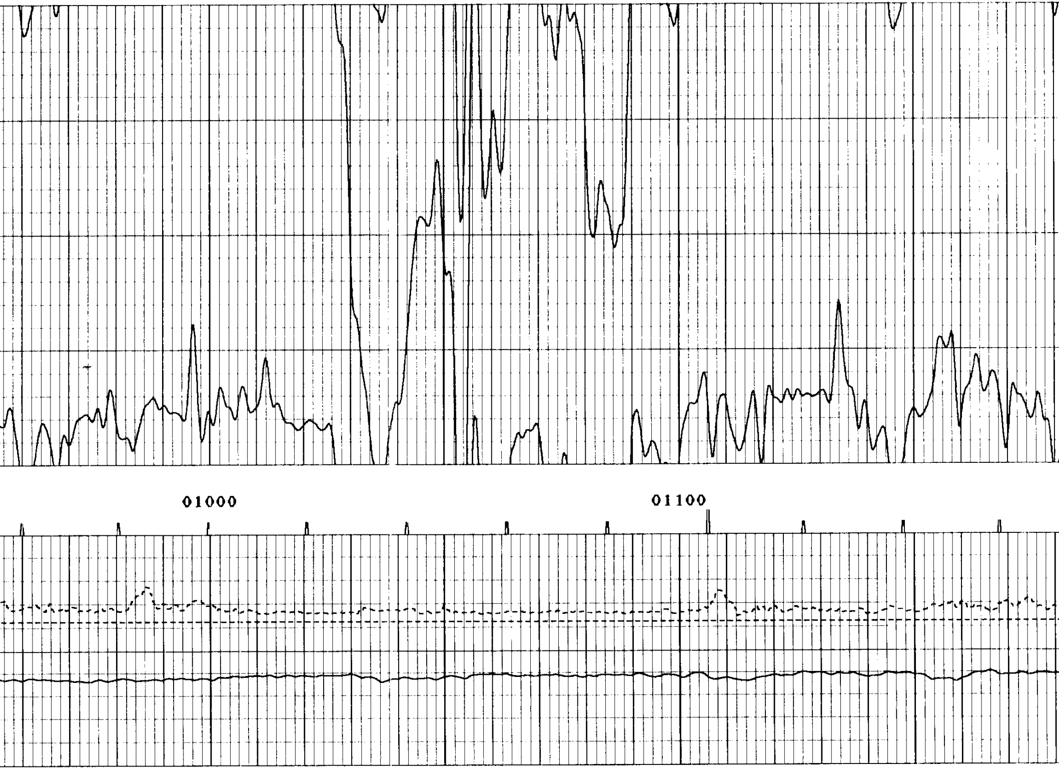
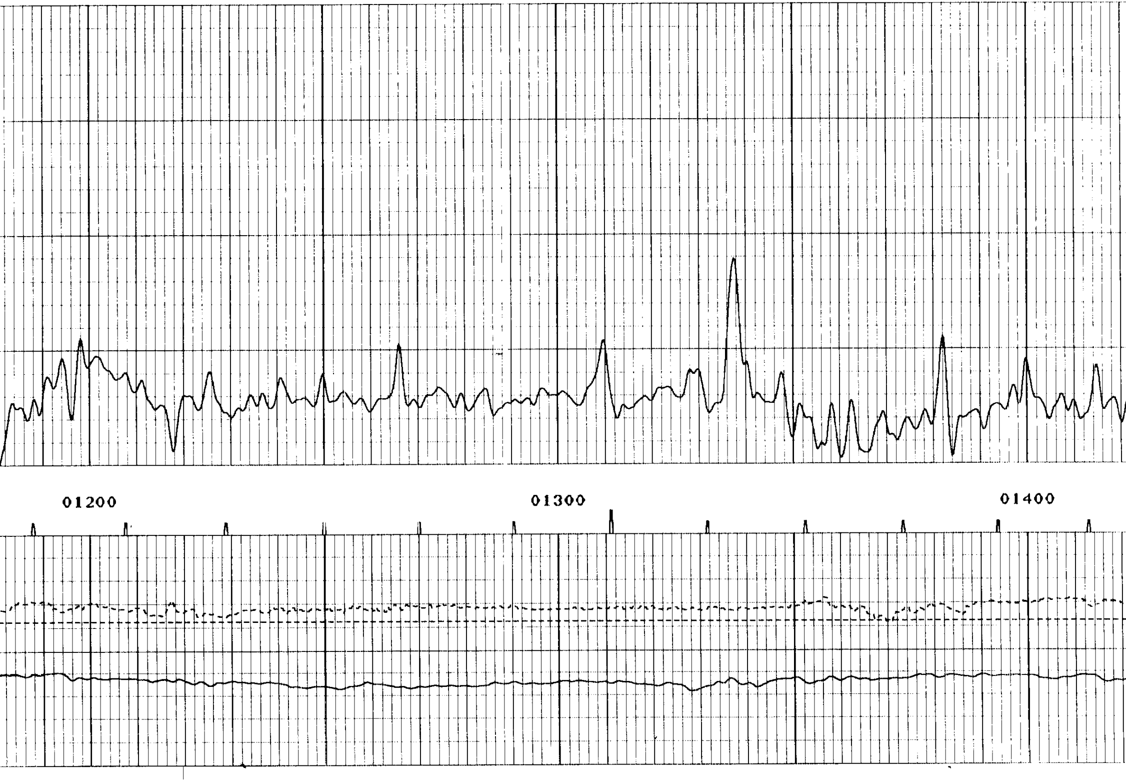
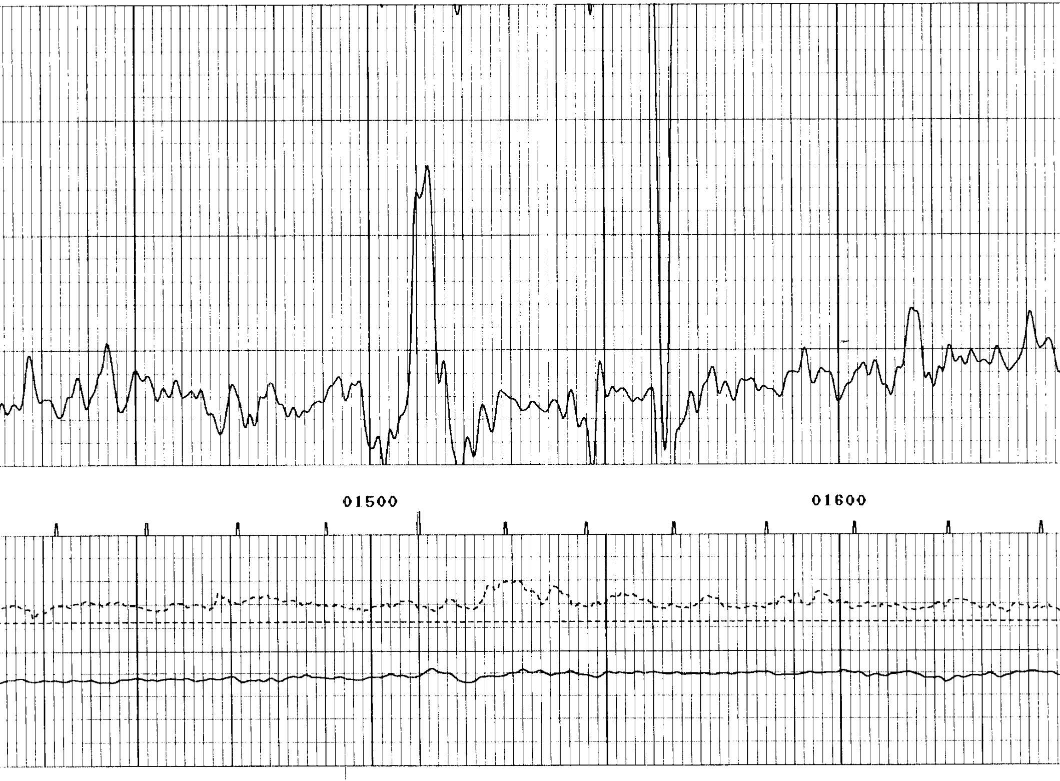
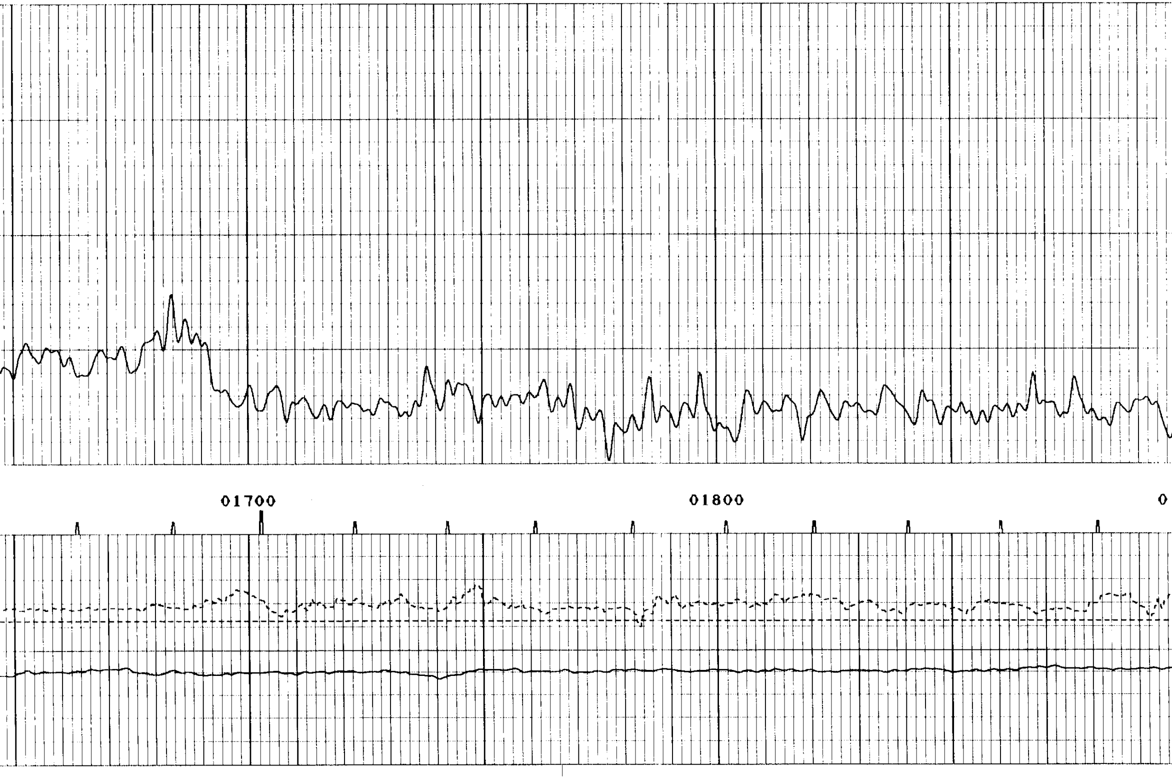
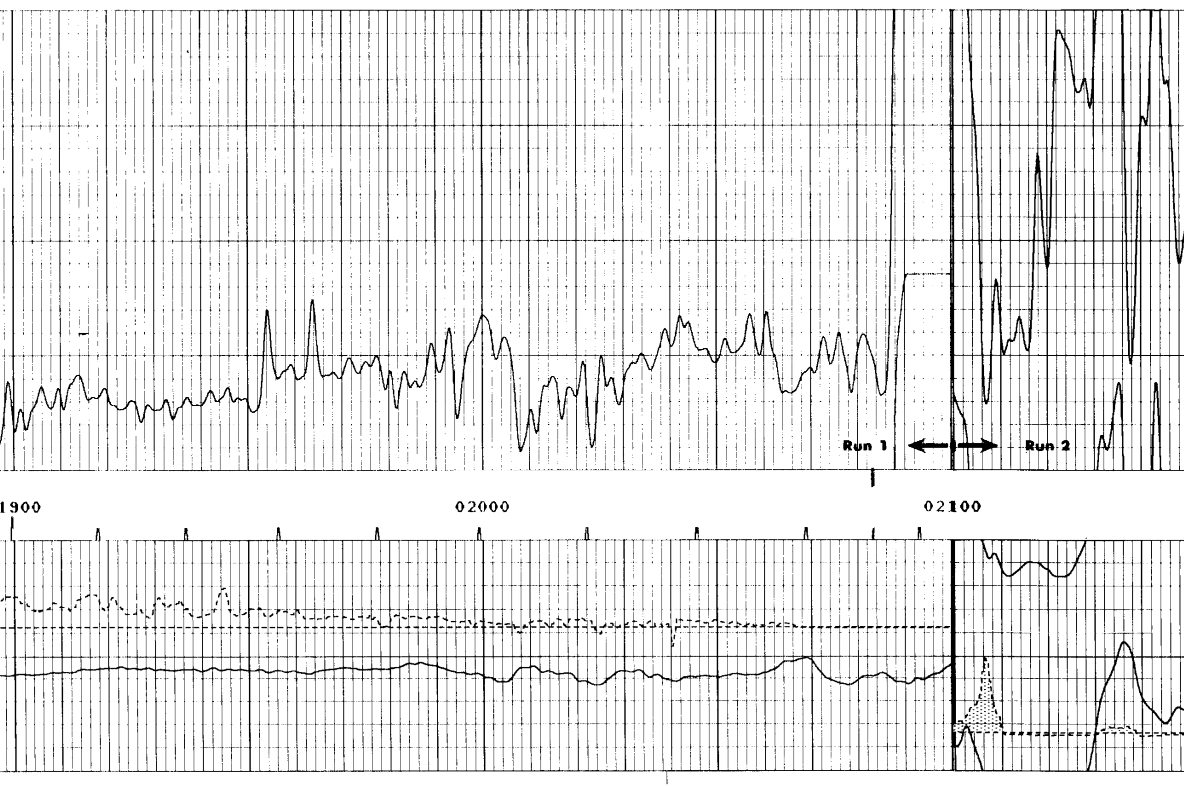
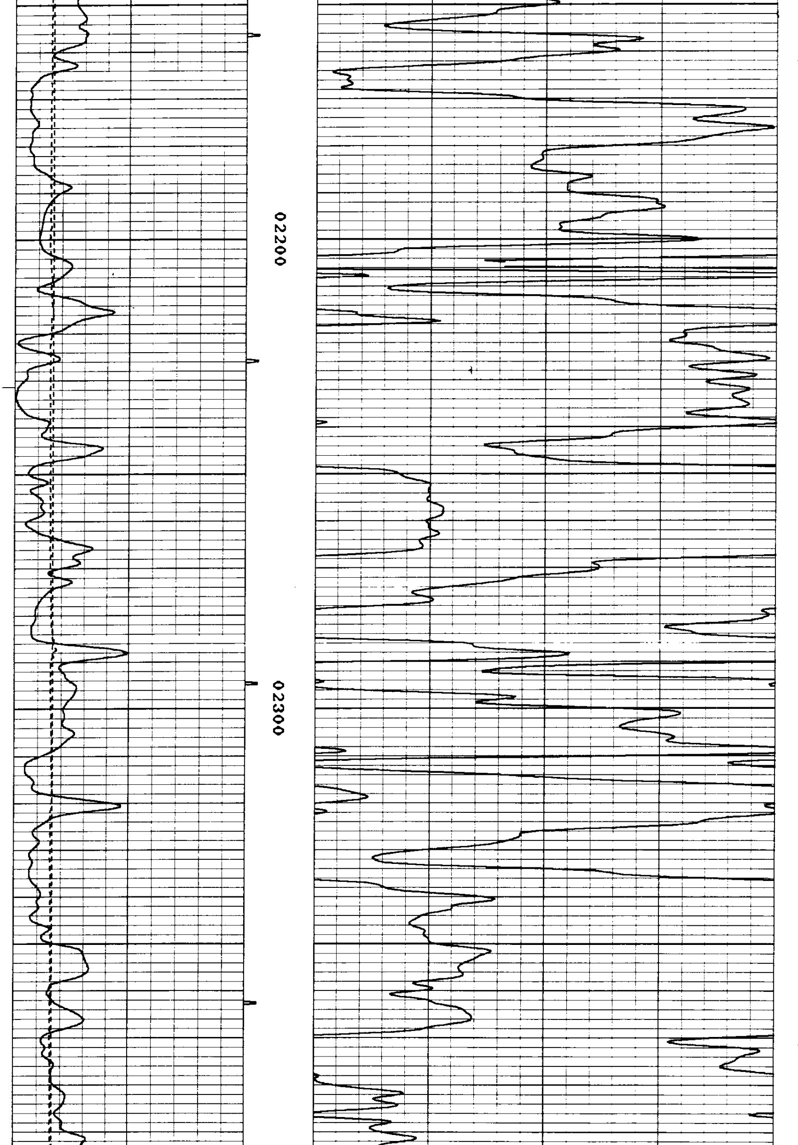
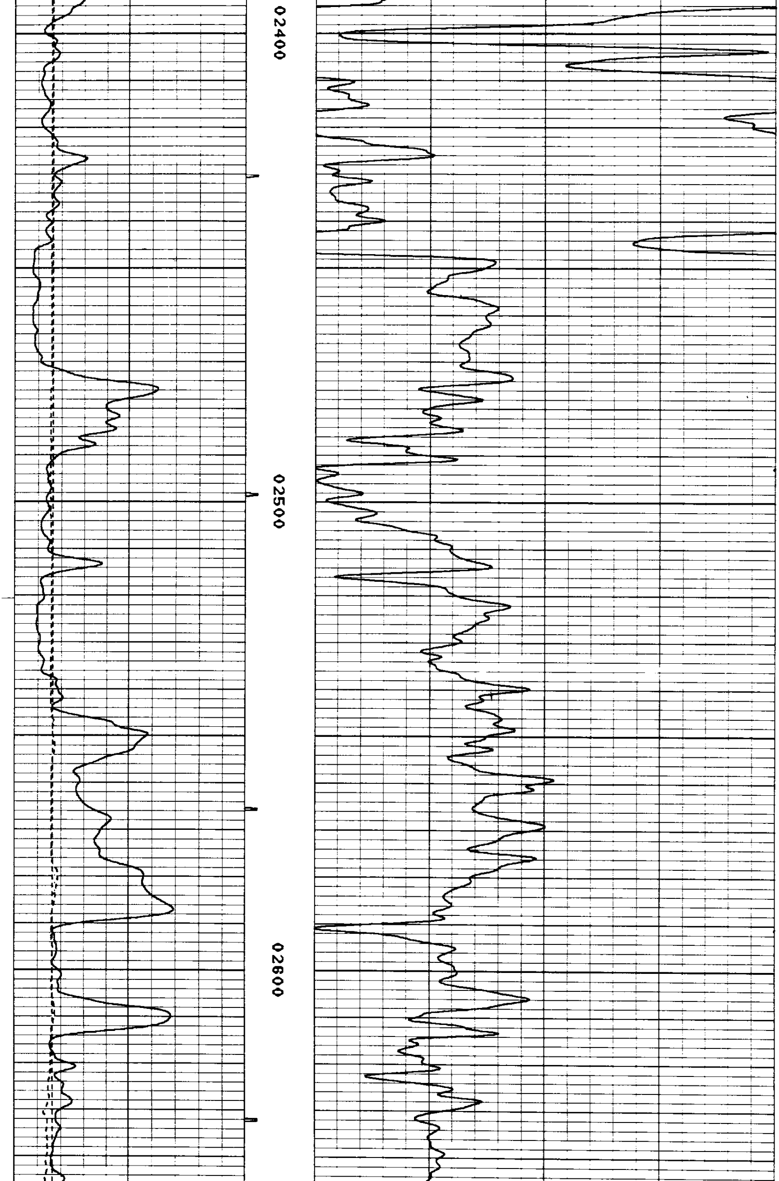
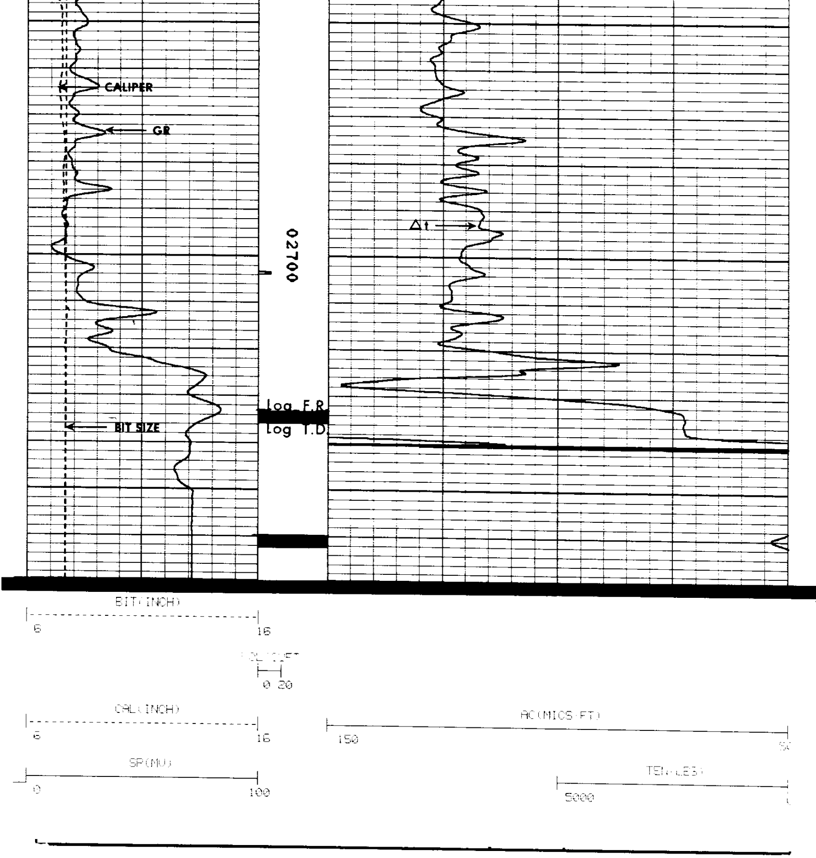
NAME	DEPTH INTERVAL	VALUE	UNITS
[illegible]	2118 TO 398	0.620	
[illegible]	2118 TO 398	2.150	
[illegible]	2118 TO 398	0.025	[illegible]
DEL-T F	2118 TO 398	185.000	USEC/FT
DEL-T M	2118 TO 398	54.000	USEC/FT
DEL-T S	2118 TO 398	110.000	USEC/FT

DISPLAY SCALE CHANGES

*** NONE ***

WELL NAME: 1J 2SD-10 TRIP: 1

SERVICE: [illegible] FILE: 3 DATE: 1-22-88 TIME: [illegible]

REVISION: FS-SAC R2.1 0602 VER+2 MODE: [illegible]