Western Atlas International

ATLAS WIRELINE SERVICES

5" = 100'

ACOUSTIC CEMENT BOND LOG
VDL / SIGNATURE / GAMMA RAY

FILE NO.

API NO.

COMPANY OREGON NATURAL GAS DEVELOPMENT CORP.

WELL IW33AC-3

FIELD MIST

COUNTY COLUMBIA STATE OR.

LOCATION:
1469.94' N & 1706.49' W
FROM THE SW CORNER OF:

SEC 3 TWP 6N RGE 5W

OTHER SERVICES
VERTILOG

PERMANENT DATUM GL ELEV. 1075.1

LOGGING MEASURED FROM KB 11.5 FT. ABOVE P.D.

DRILLING MEASURED FROM KB

ELEVATIONS
KB 1086.6'
DF --
GL 1075.1'

FINAL PRINT

DATE	11-29-90		
RUN	1		
SERVICE ORDER	65504		
DEPTH-DRILLER	2600'		
DEPTH-LOGGER	2600'		
BOTTOM LOGGED INTERVAL	2590'		
TOP LOGGED INTERVAL	500'		
TYPE FLUID IN HOLE	WATER		
SALINITY PPM CL.	-		
DENSITY LB/GAL.	-		
LEVEL	FULL		
MAX. REC. TEMP. DEG. F	-		
OPR. RIG TIME	2HRS		
EQUIP. NO. / LOC.	6399	BAKS.	
RECORDED BY	M. HINDS		
WITNESSED BY	MR. THOMAS		

BOREHOLE RECORD

NO.	BIT	FROM	TO

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 MEASUREMENTS, 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.

CASING RECORD

SIZE	WGT	FROM	TO
8 5/8"	32K55	SURF.	2600'

REMARKS RUN (1)

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	VRT	55001	2709XA	CENT
1	1	CBL	55525	1415XA	CENT.
1	1	GR	60493	1309XA	CENT
1	1	CCL	79317	2318XA	CENT

COMPANY: OREGON NATURAL GAS DEVELOPMENT

WELL NAME: IW33AC-3

SERVICE: KC322A

FILE: 9

DATE: 12/02/90

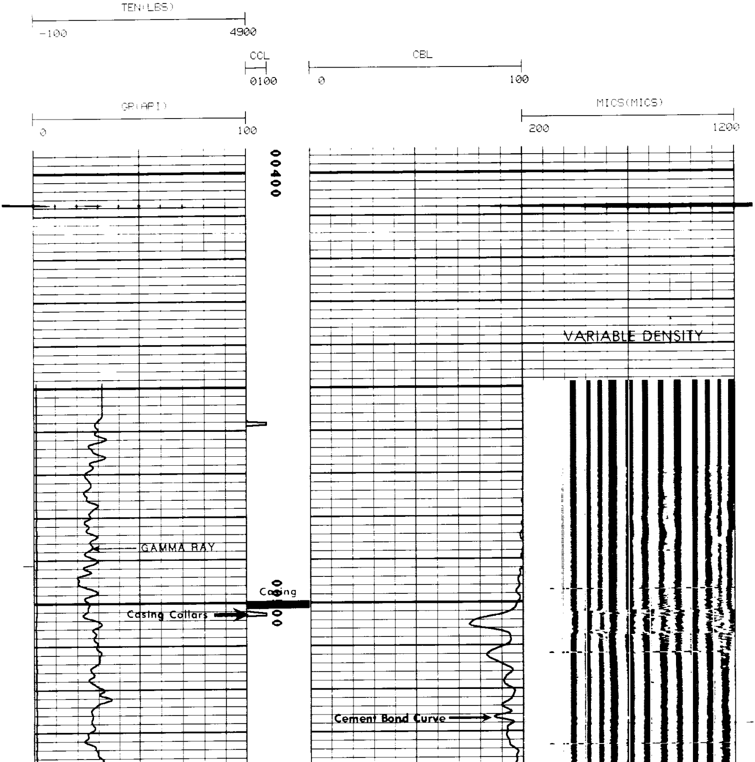
REVISION: FSYSCB REV G001 VER 1

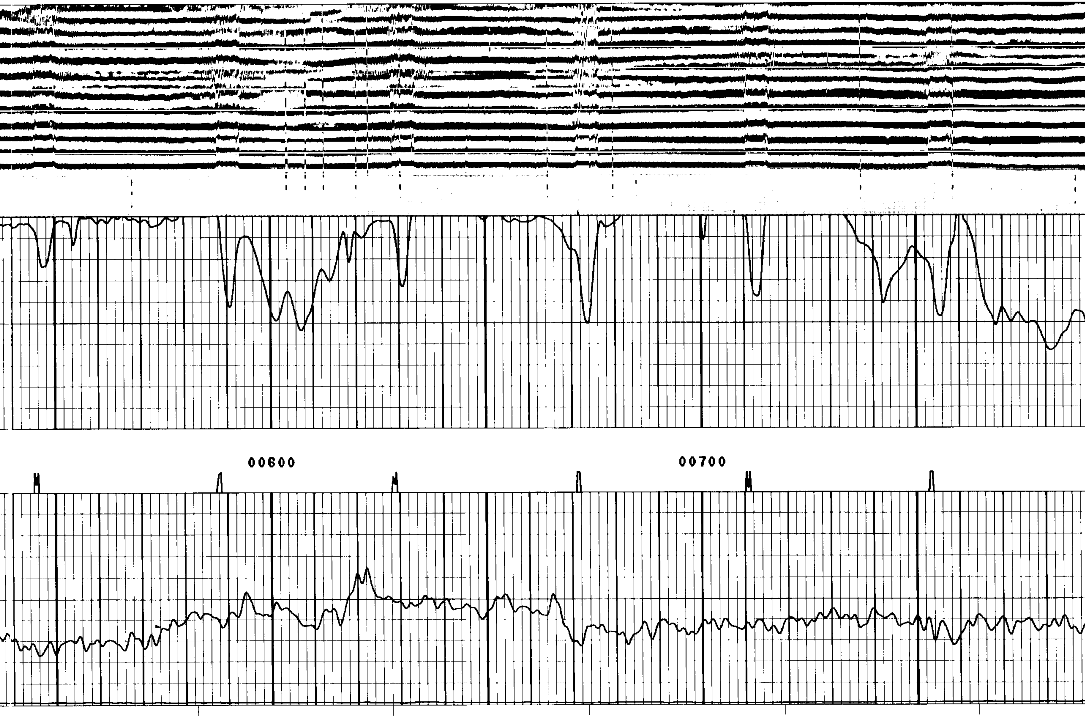
RUN: 1

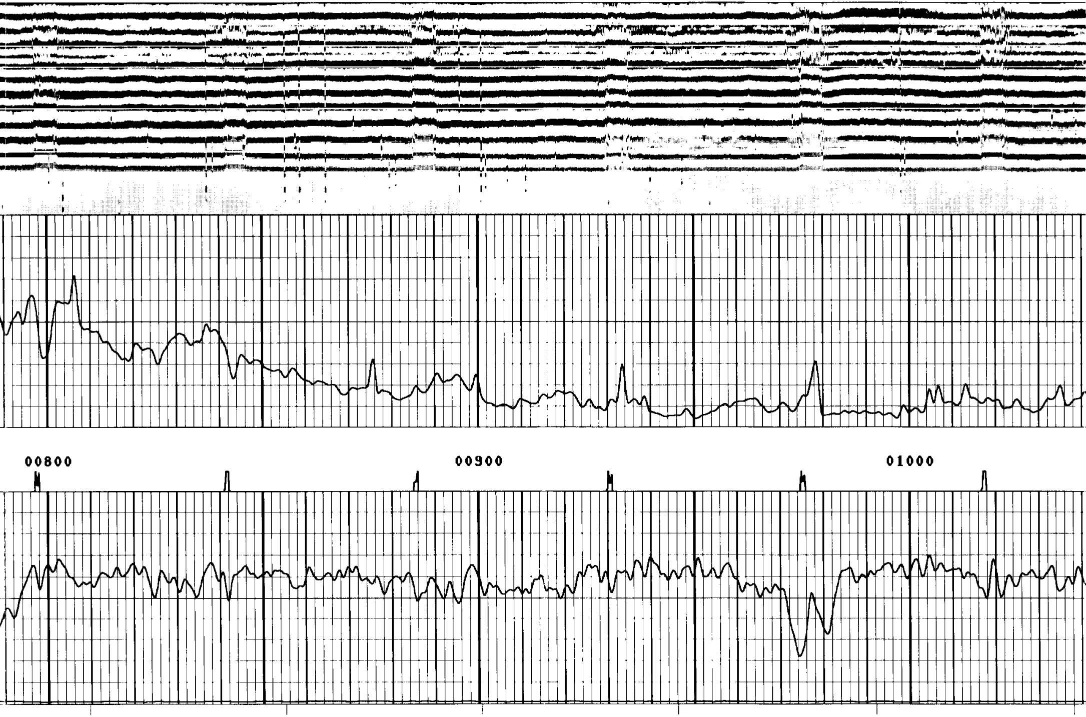
TRIP: 1

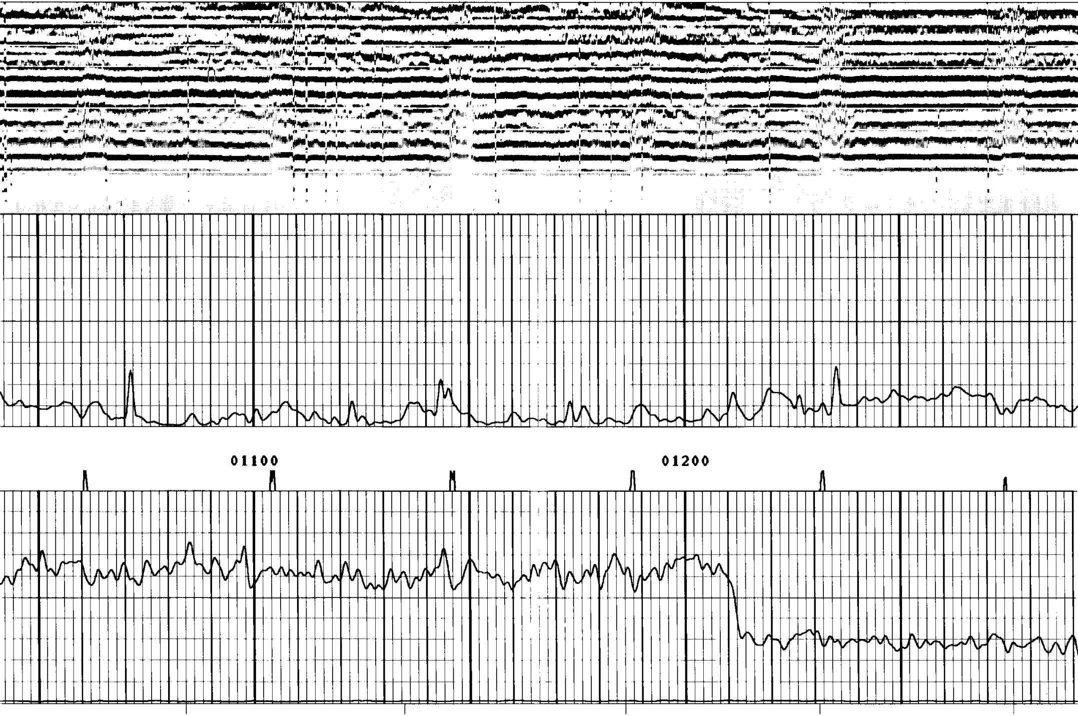
TIME: 08:55:34

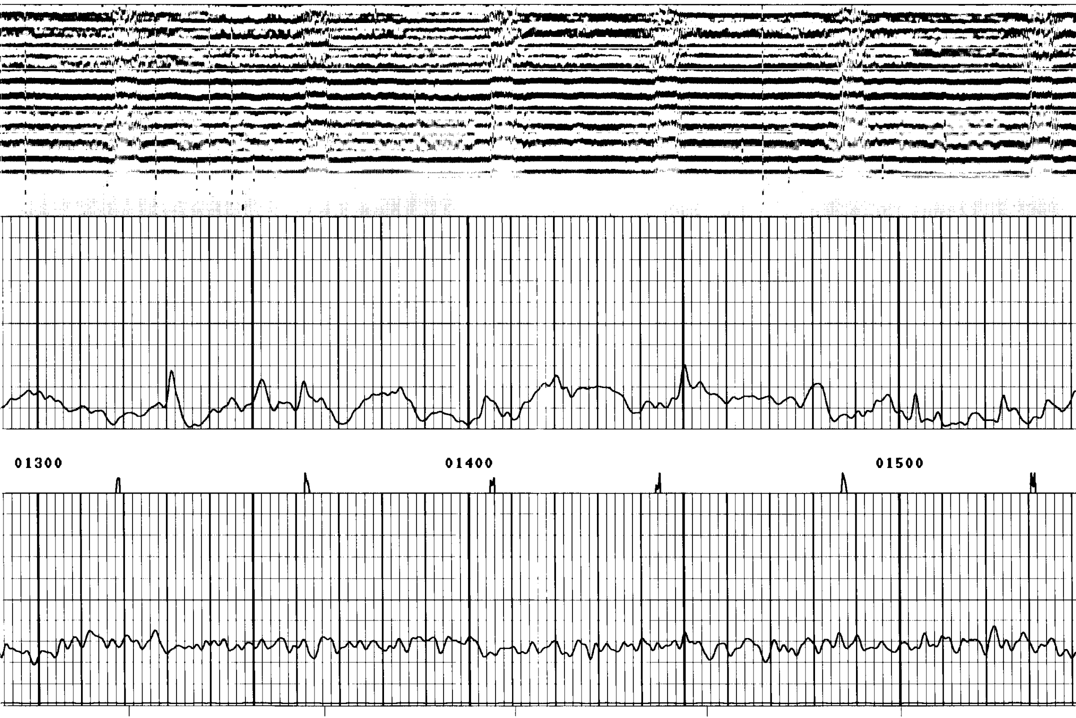
MODE: RECORD

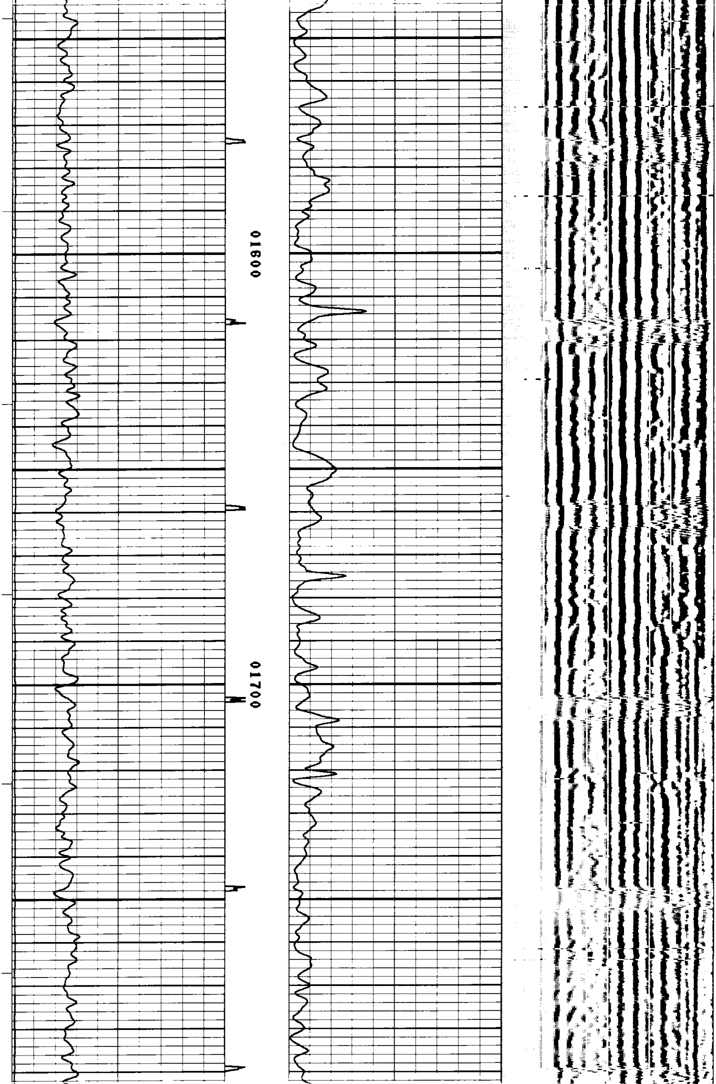


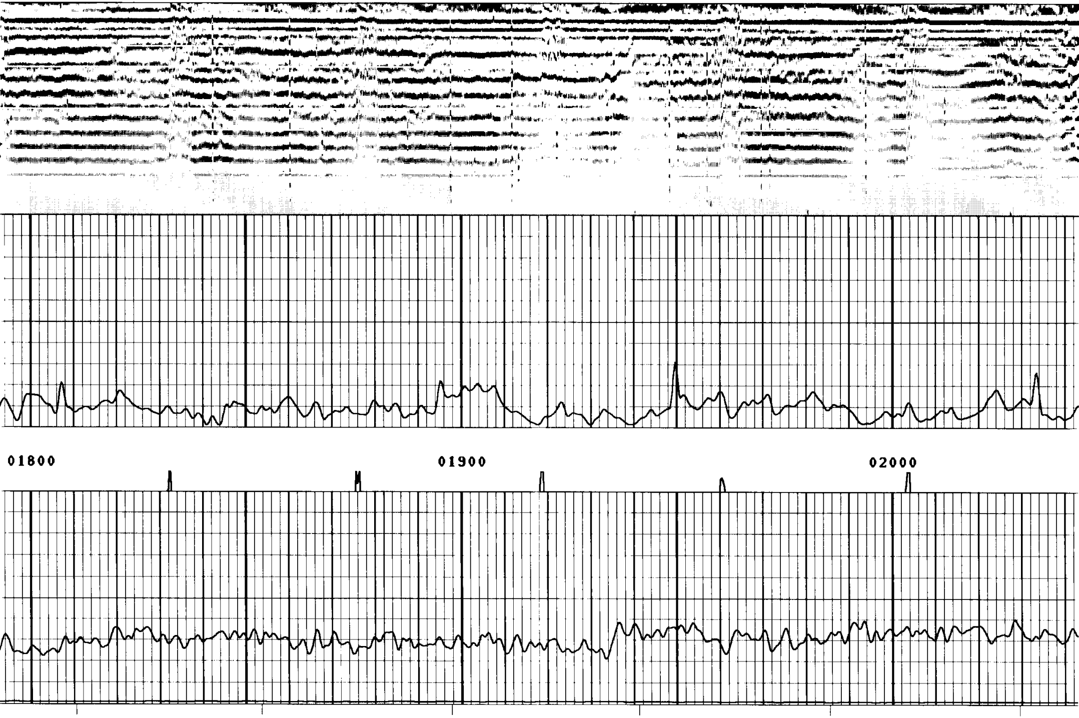


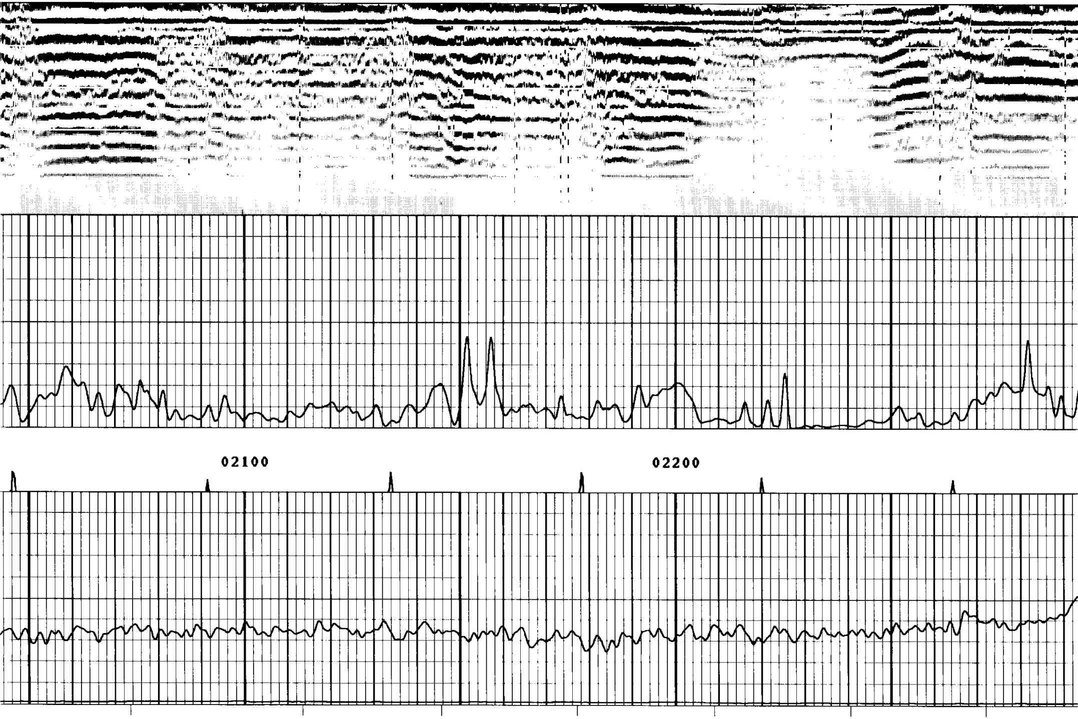


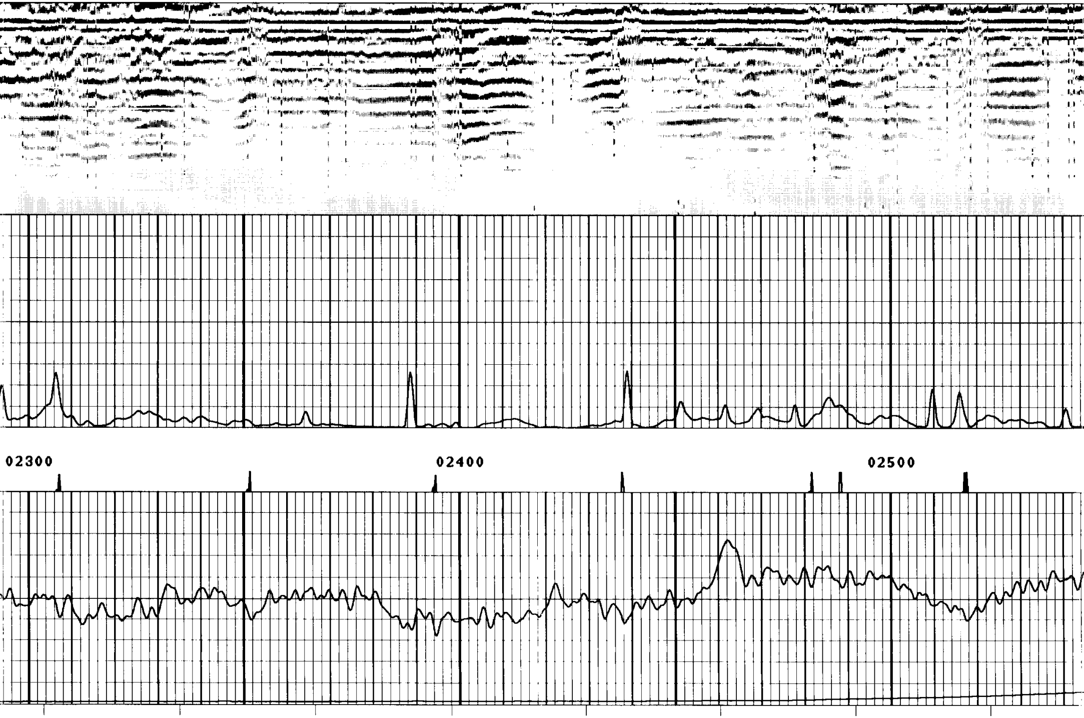


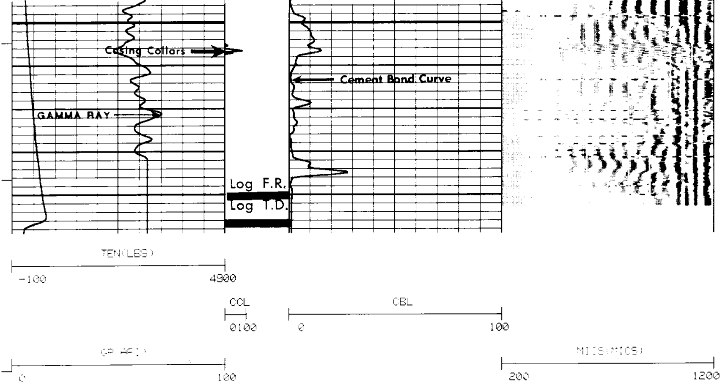












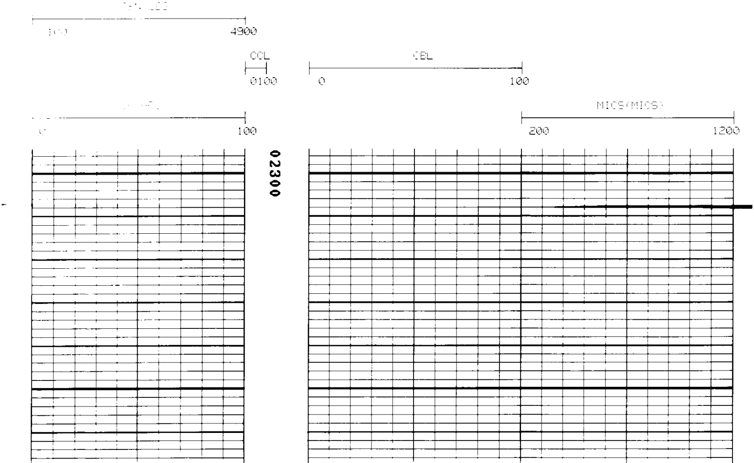
COMPANY : OREGON NATURAL GAS DEVELOPMENT RUN: 1

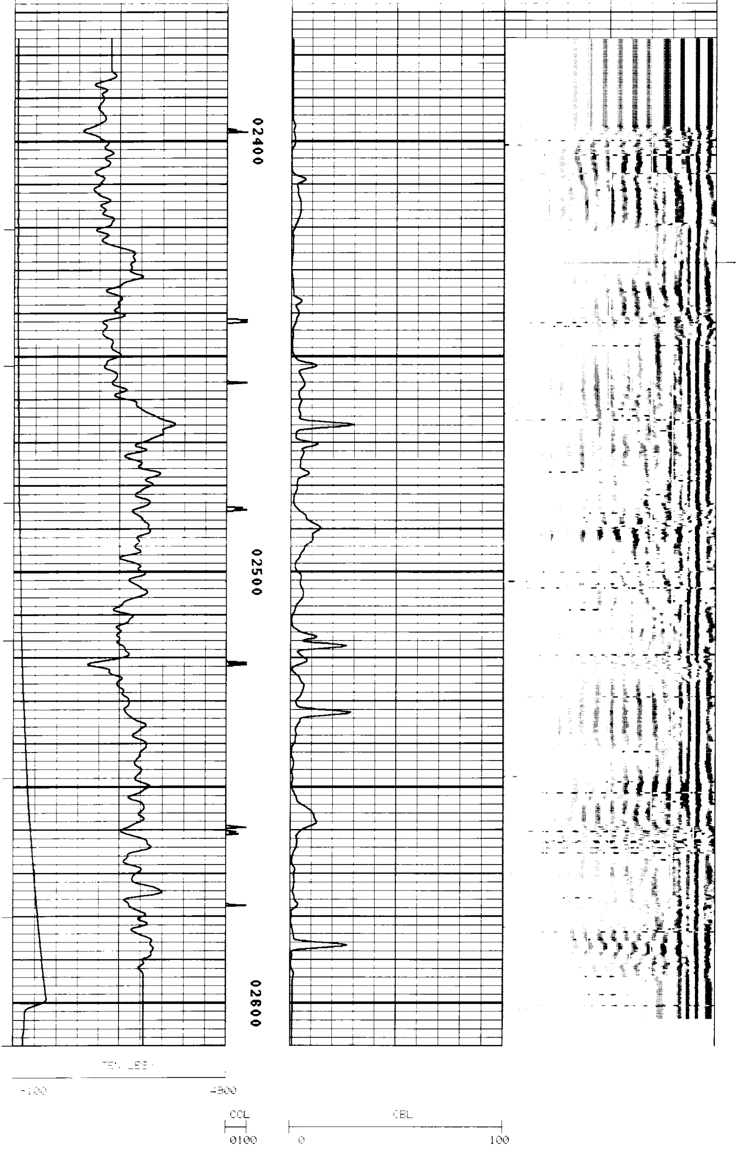
WELL NAME: [illegible] TRIP: 1

DEPTH: [illegible] FILE: 6 DATE: 12/03/90 TIME: 03:31:03

[illegible] MODE: REPEAT

REPEAT SECTION





[illegible] NATURAL GAS DEVELOPMENT

WELL NAME: [illegible]

DEPTH: [illegible] FILE: 3 DATE: 12/02/90

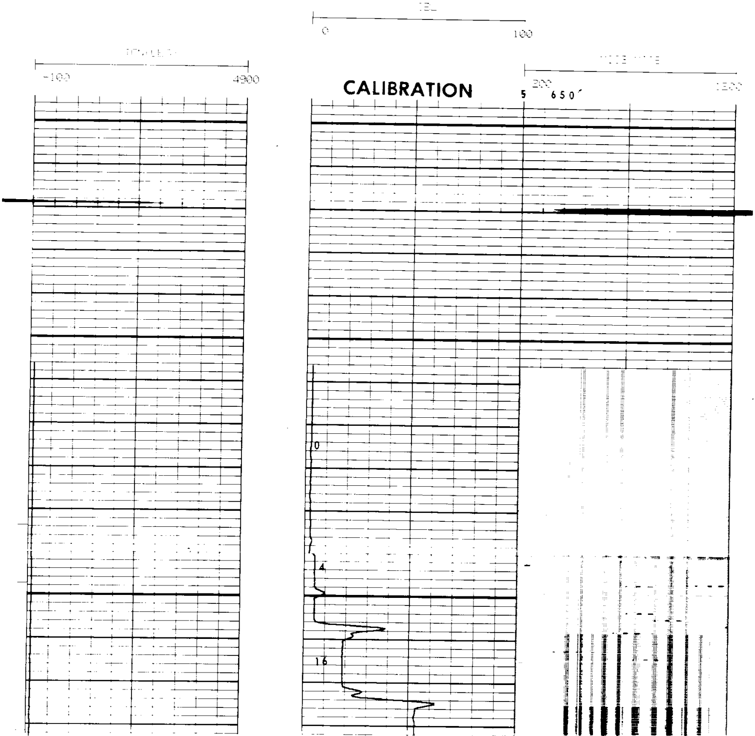
[illegible] G001 VER 1

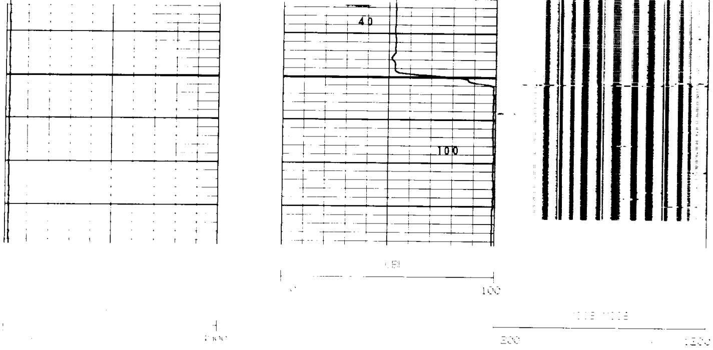
RUN: 1

TRIP: 1

TIME: 07:54:51

MODE: [illegible]





[illegible]: [illegible] NATURAL GAS DEVELOPMENT

WELL NAME: [illegible]

SERVICE: [illegible]

FILE: [illegible]

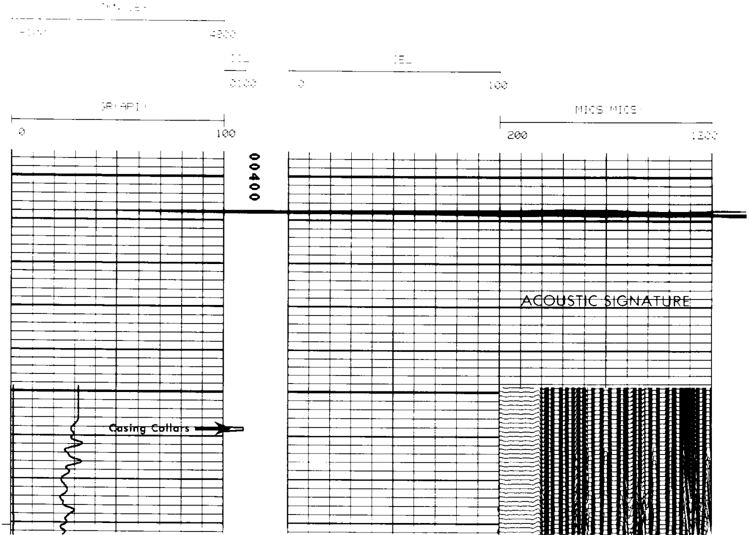
DATE: 12 02 90

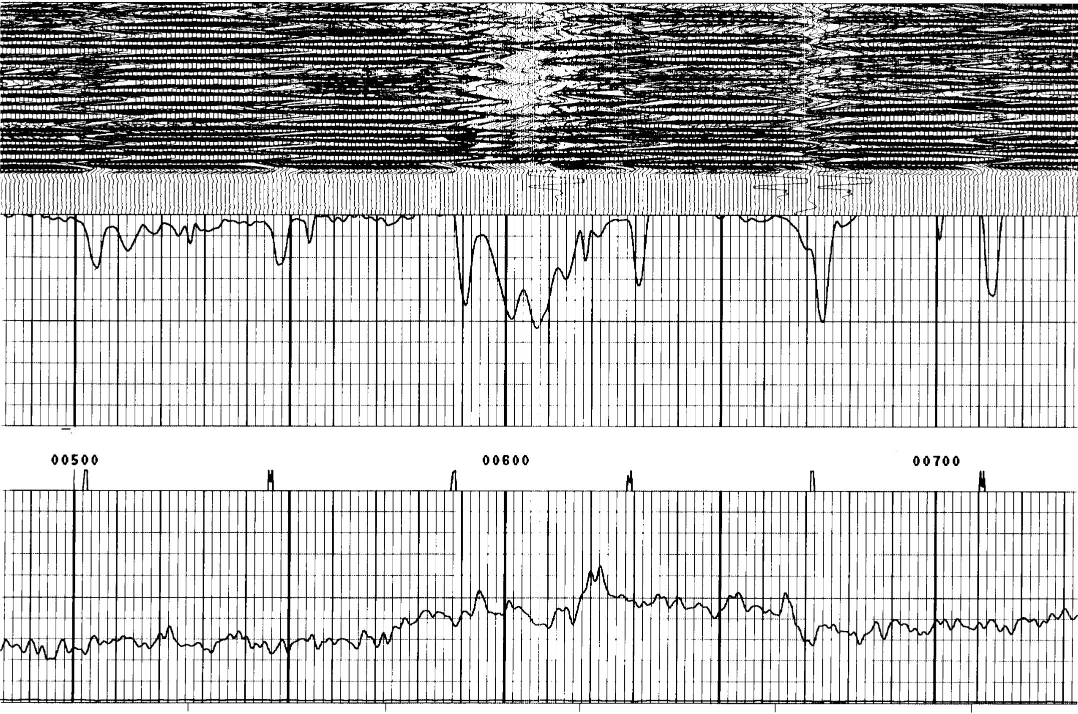
RUN: 1

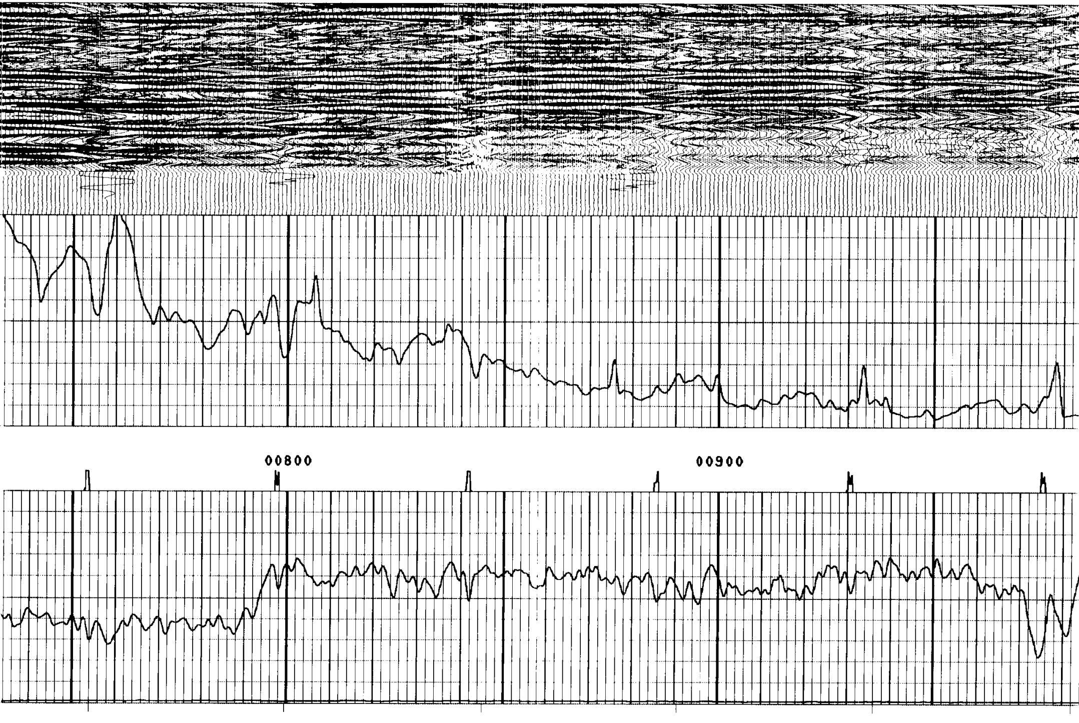
TRIP: 1

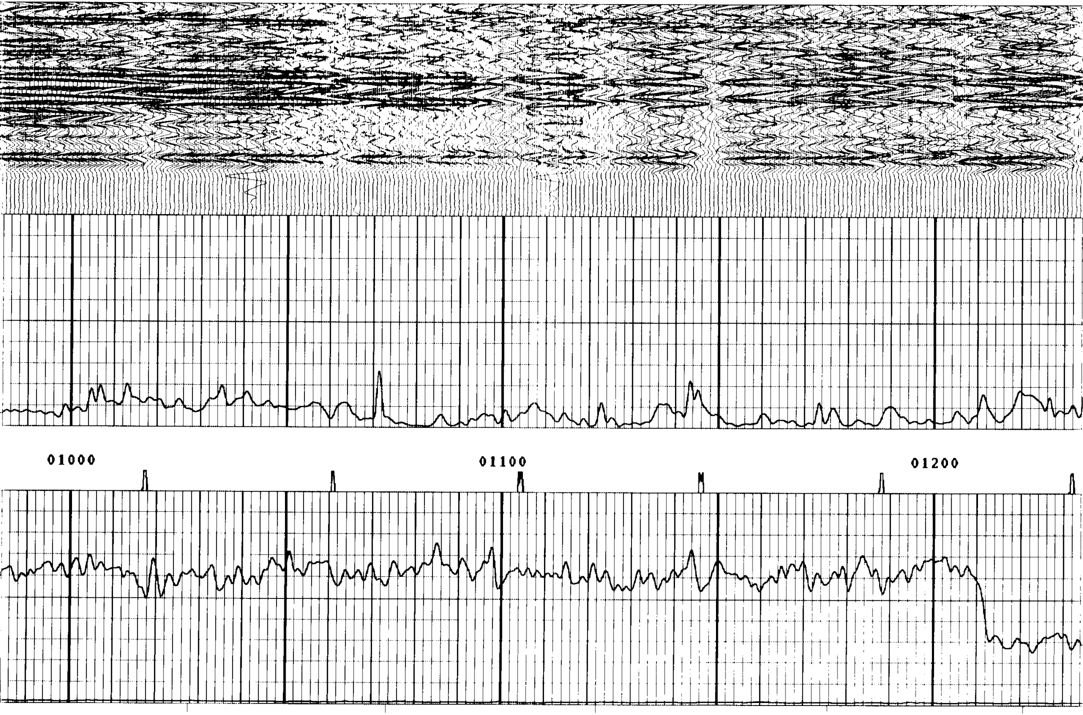
TIME: 03:55:34

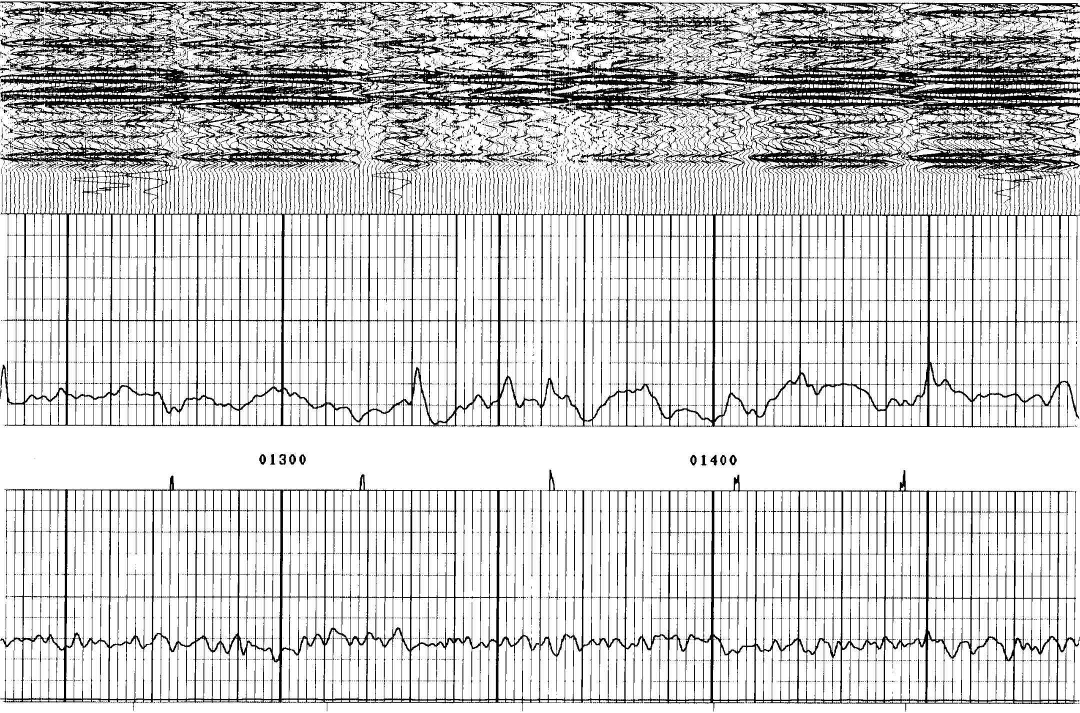
MODE: RECORD

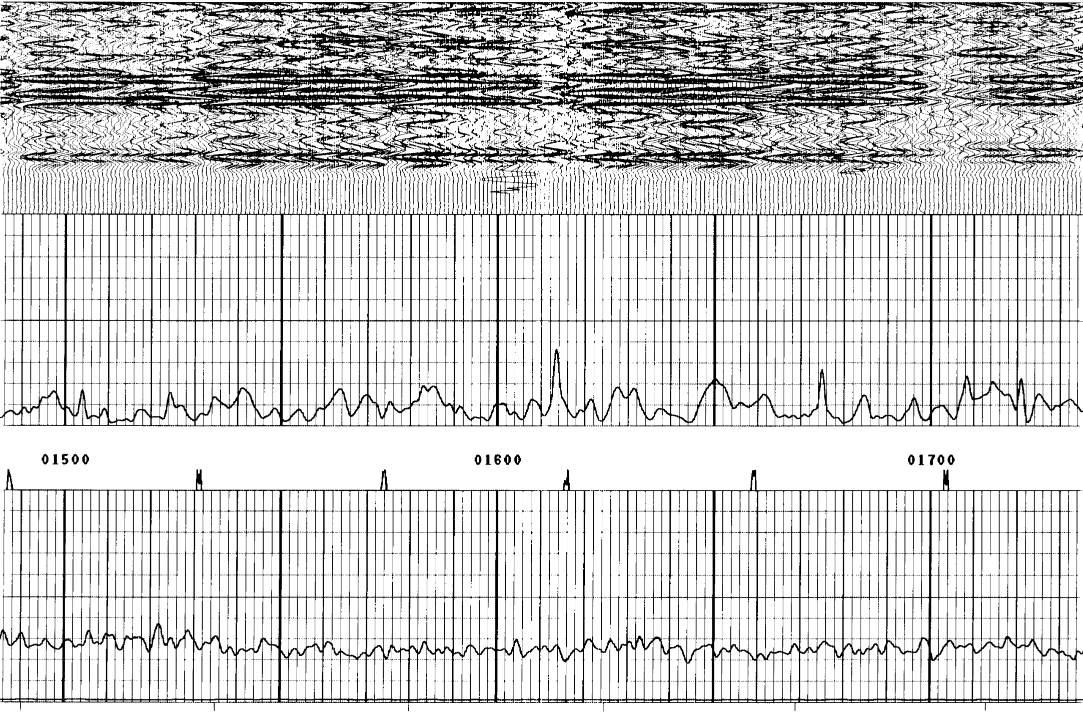


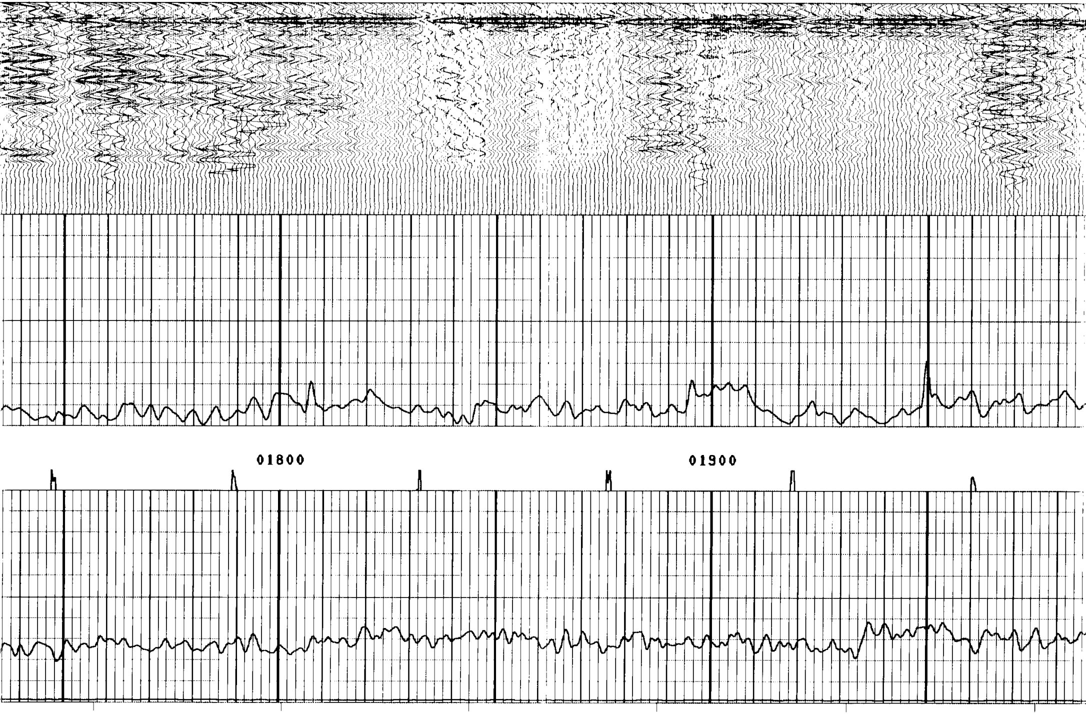


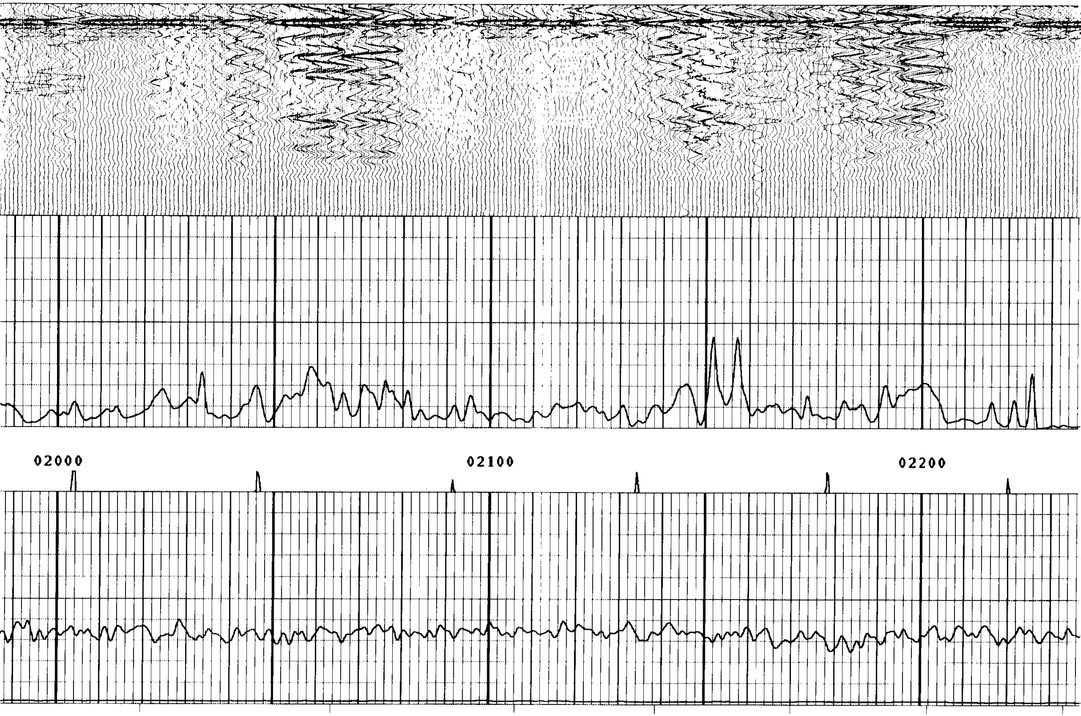


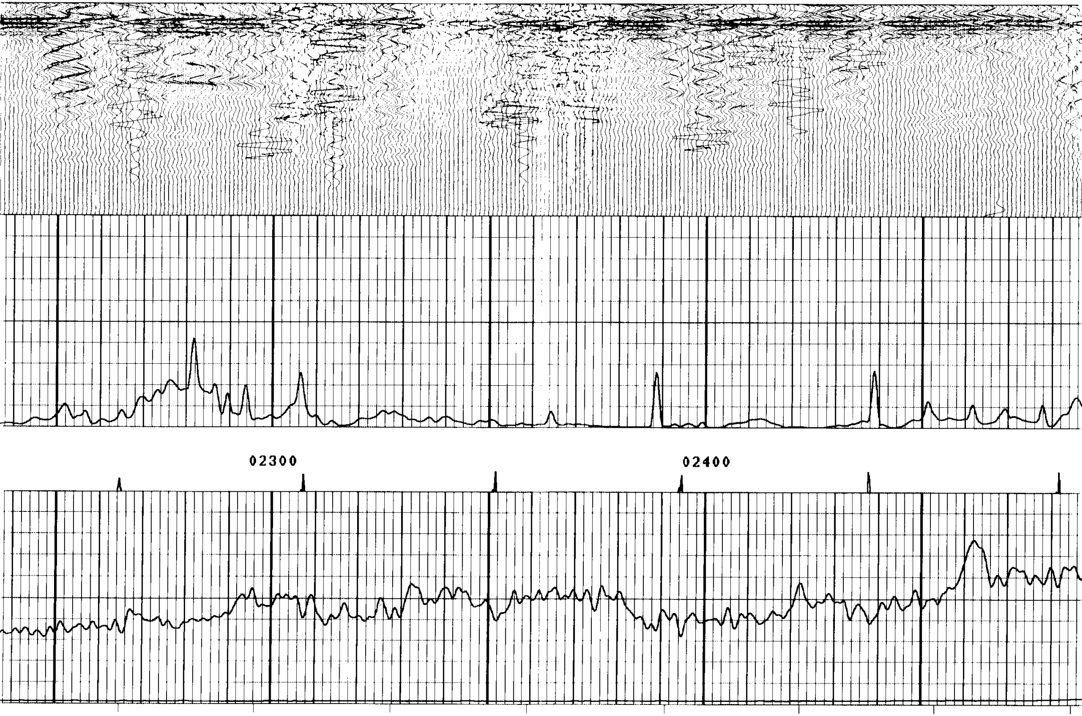


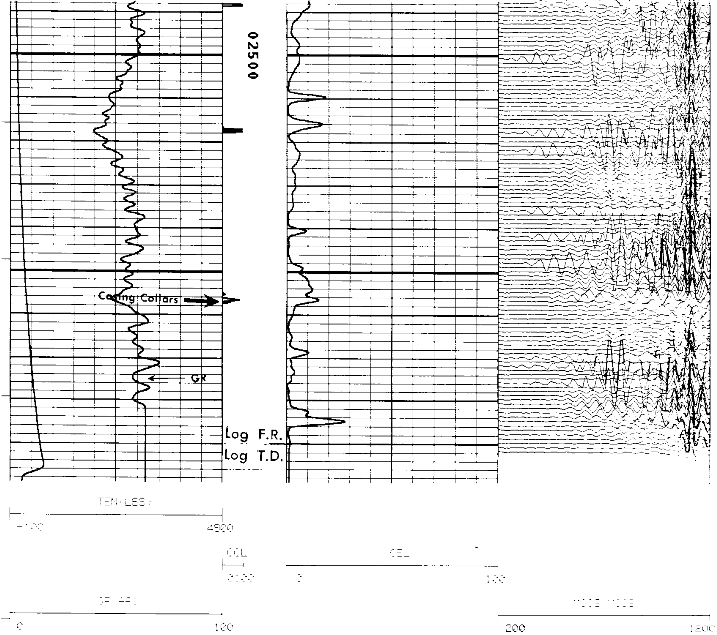












CURVE DELAYS