ATLAS
WIRELINE
SERVICES

ACOUSTIC CEMENT BOND LOG

VDL/SIGNATURE/GAMMA RAY

FILE NO.

API NO.

5" = 100'

COMPANY NORTHWEST NATURAL GAS
OREGON NATURAL GAS DEVELOPMENT CO.

WELL IW 32C-10

FIELD MIST

COUNTY COLUMBIA STATE OR.

LOCATION:
1500.05' N & 251.6' W
FROM E/4 CORNER OF:

SEC 10 TWP 6N RGE 5W

OTHER SERVICES
VERTILOG

PERMANENT DATUM GL ELEV. 790.25
LOGGING MEASURED FROM KB 11.4 FT. ABOVE P.D.
DRILLING MEASURED FROM KB

ELEVATIONS
KB 801.65'
DF
GL 790.25'

FINAL PRINT

DATE	12-19-0	
RUN	1	
SERVICE ORDER	65510	
DEPTH-DRILLER	2100'	
DEPTH-LOGGER	2102'	
BOTTOM LOGGED INTERVAL	2096	
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	2 HRS	
EQUIP. NO. / LOC.	6399 BAK.	
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 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
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CASING RECORD

SIZE	WGT	FROM	TO
13 5/8"	?	SURF.	531'
8 5/8"	32K55	SURF.	2100'

REMARKS RUN (1)

EQUIPMENT DATA

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

CURVE DELAYS

CURVE	DELAY	UNITS
GR	11,0	FT,IN
CCL	21,0	FT,IN
CCL1	12,3	FT,IN
SRT	1,0	FT,IN
PRT	1,0	FT,IN
LRT	0,0	FT,IN
MICS	0,0	FT,IN
LCBL	0,0	FT,IN
FCBL	1,0	FT,IN
CBL	1,0	FT,IN

PARAMETERS

*** NONE ***

DISPLAY SCALE CHANGES

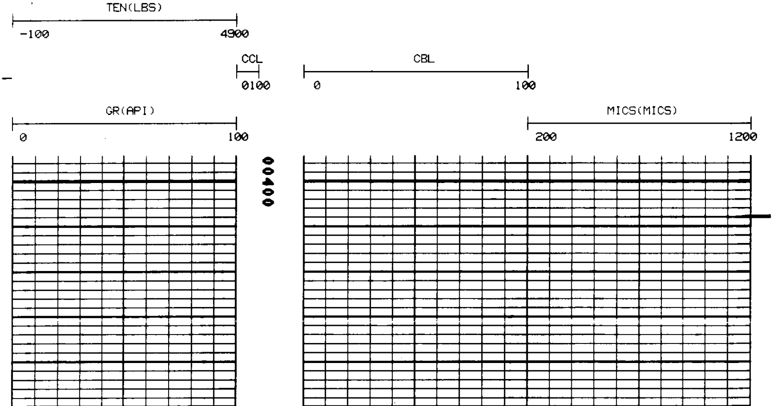
*** NONE ***

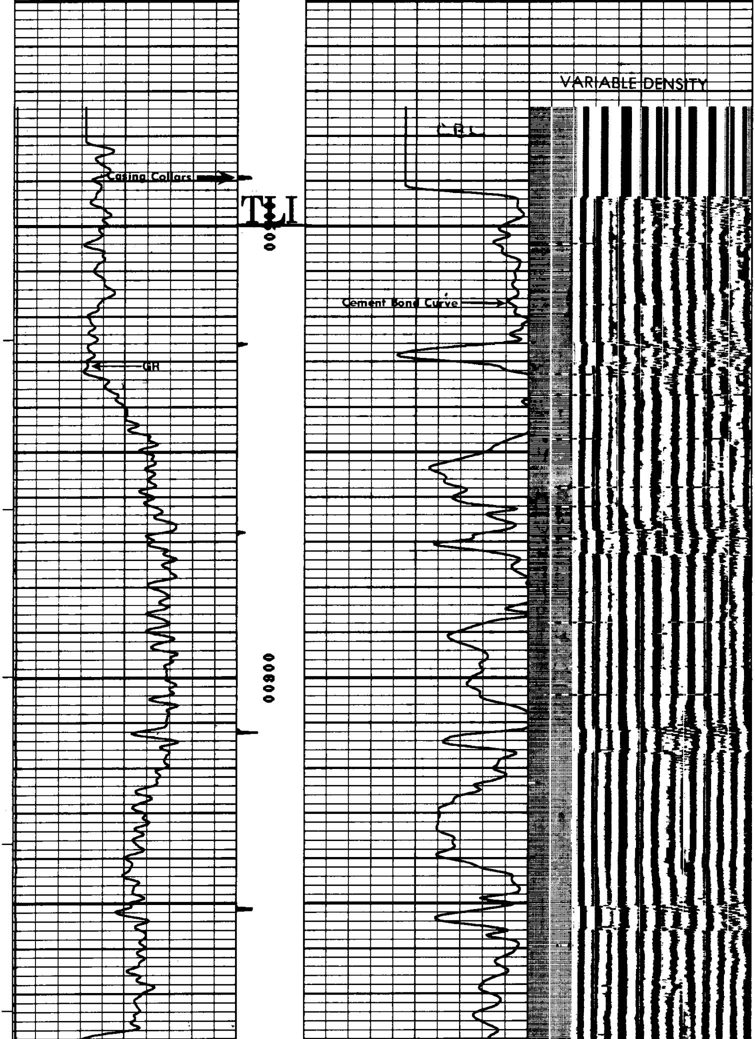
COMPANY: OREGON NATURAL GAS DEVELOPMENT CO. RUN: 1

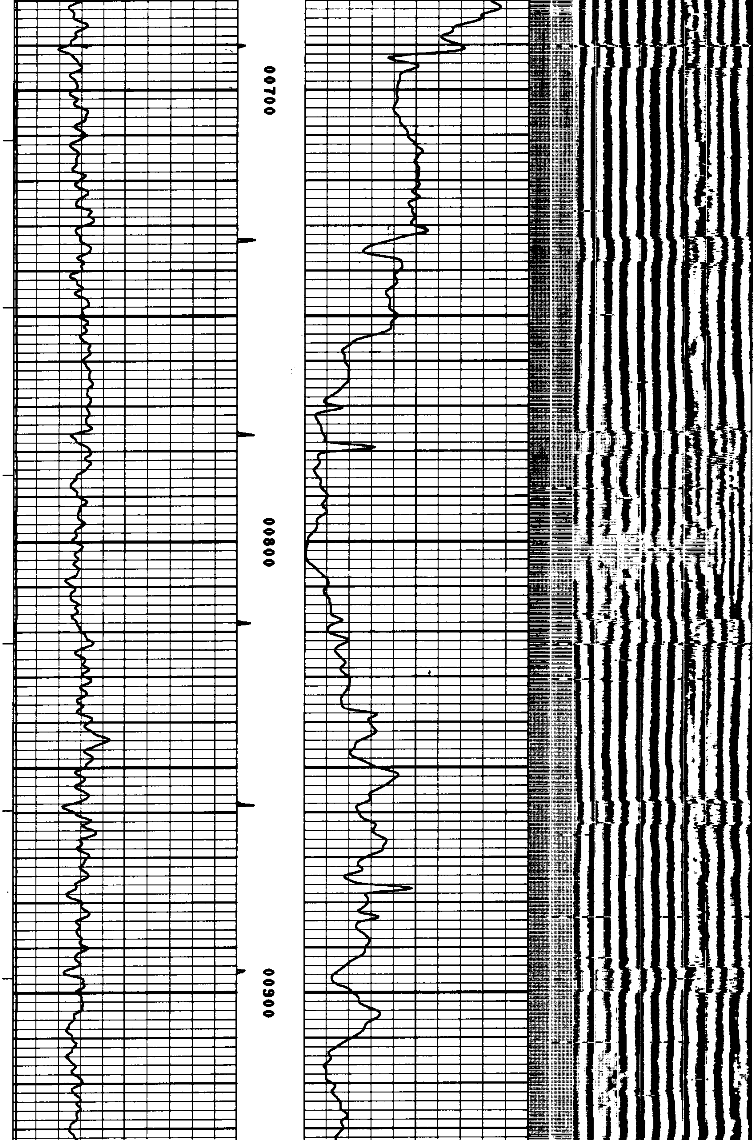
WELL NAME: IW 32C-10 TRIP: 1

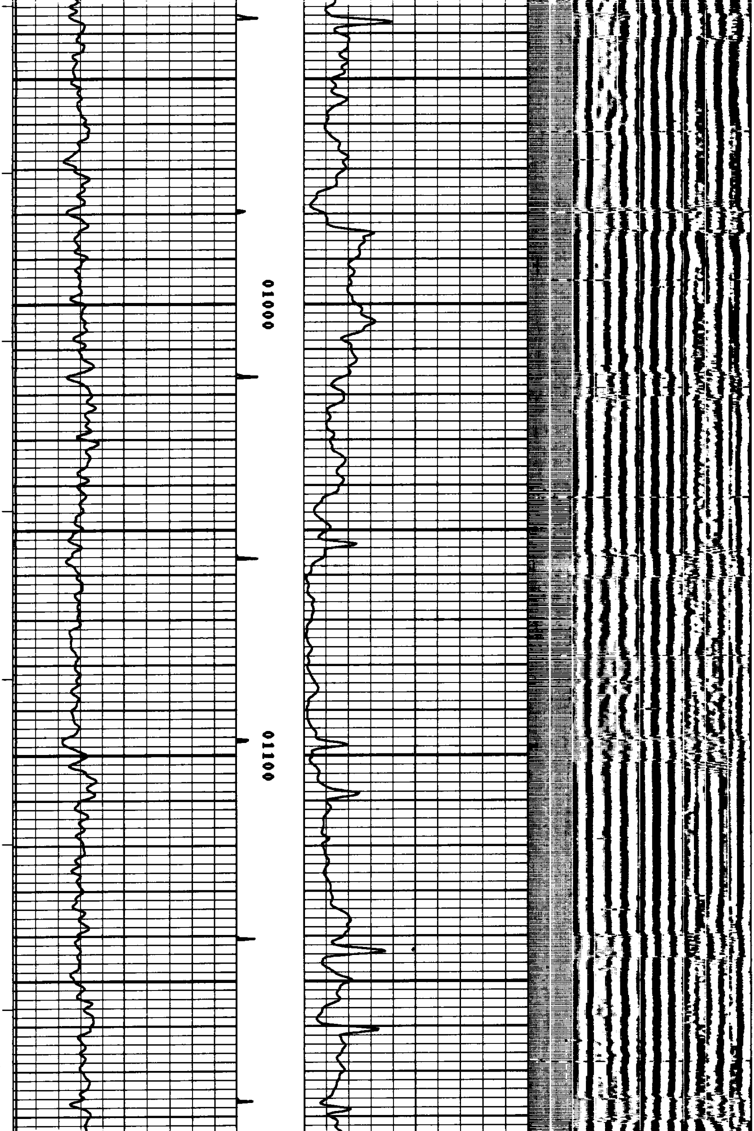
SERVICE: KC322A FILE: 5 DATE: 12/18/90 TIME: 18:42:12

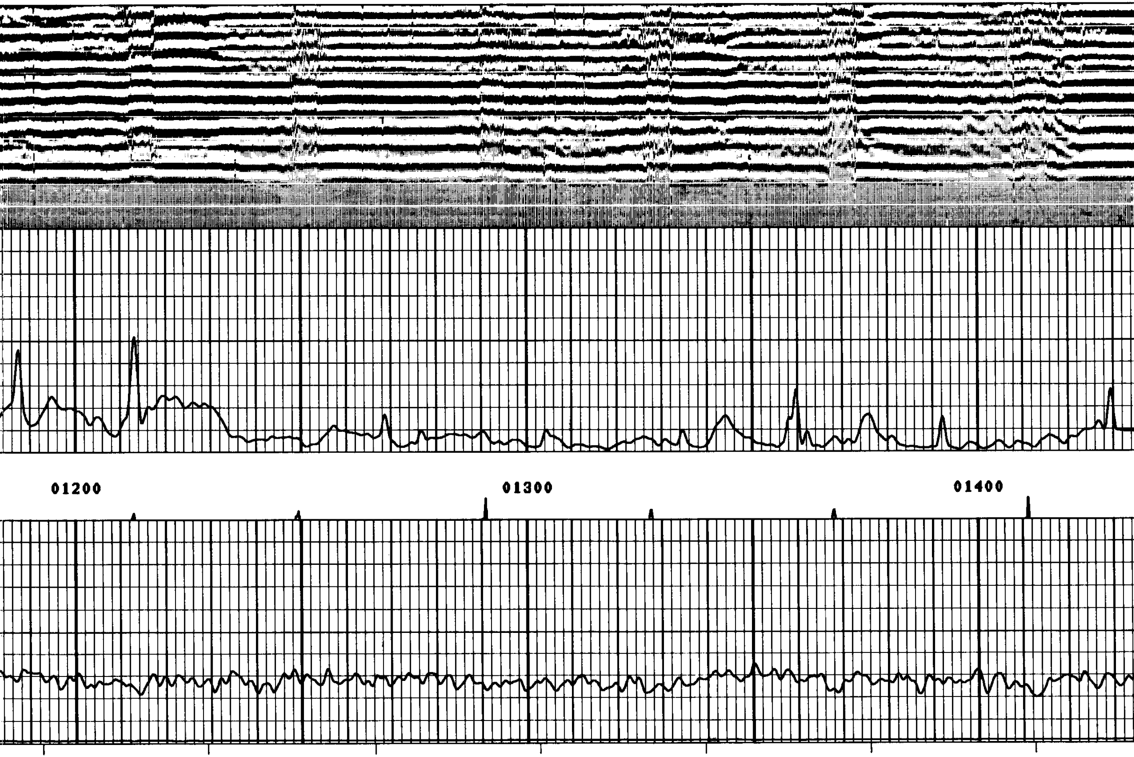
REVISION: FSYSCB REV G001 VER 1 MODE: RECORD

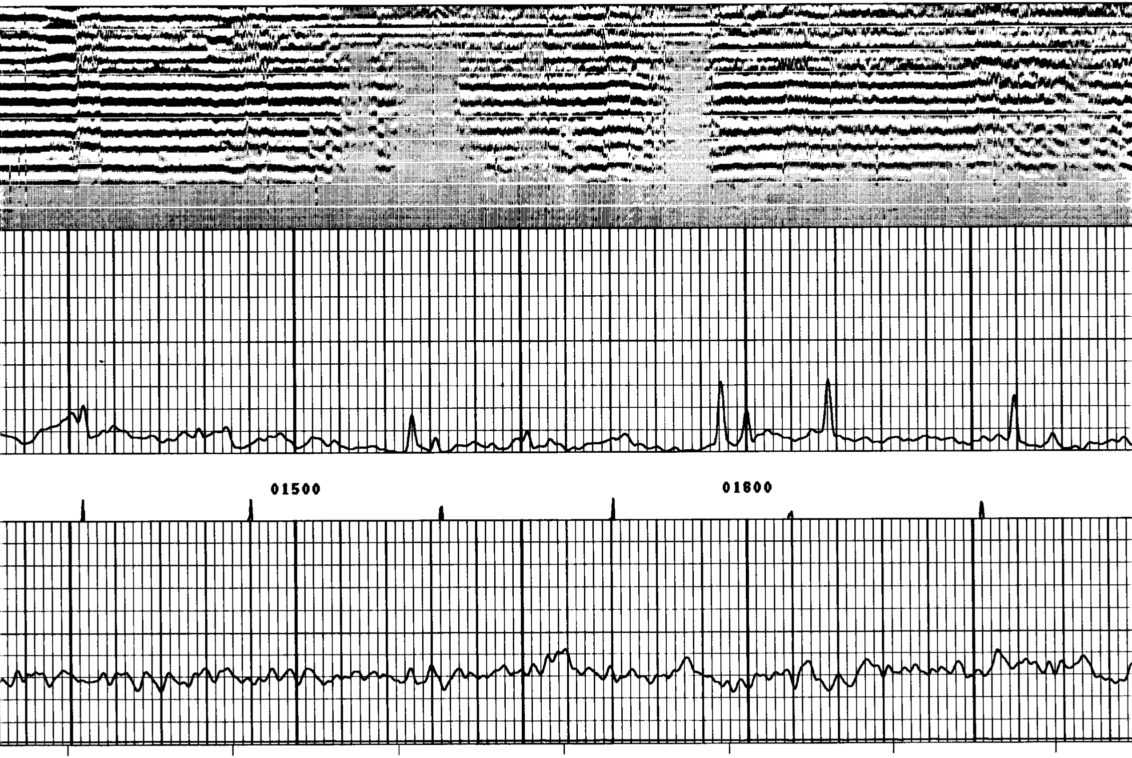


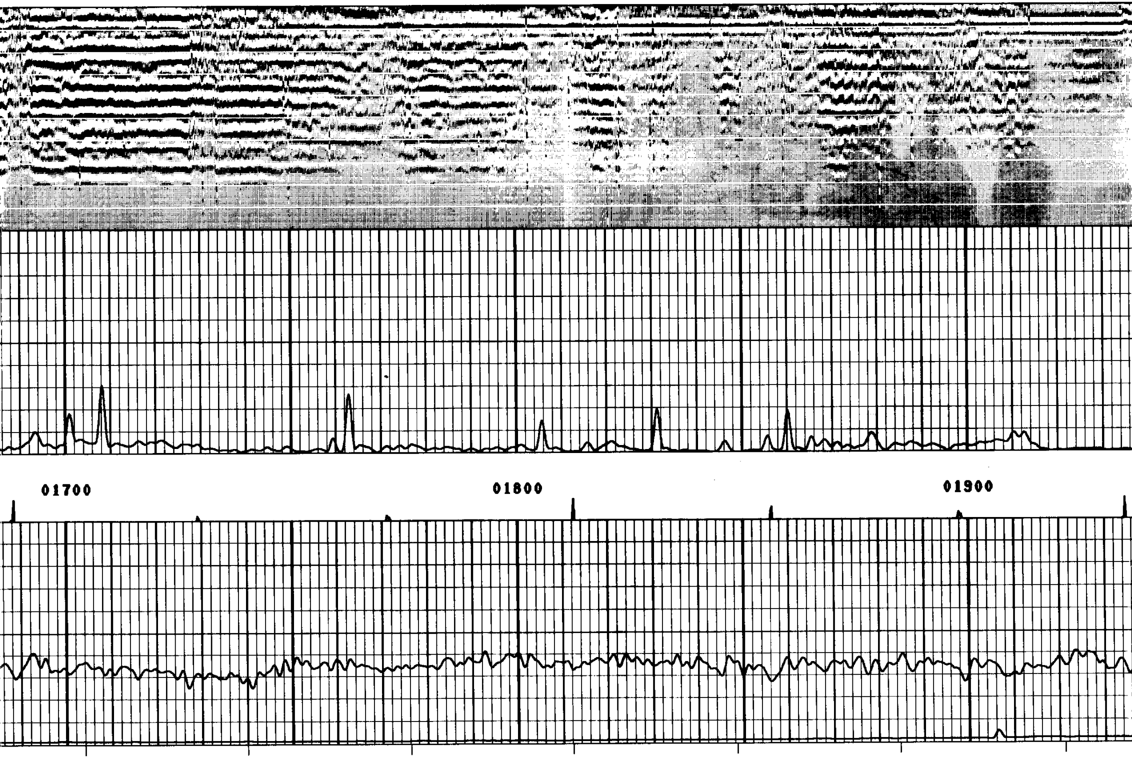


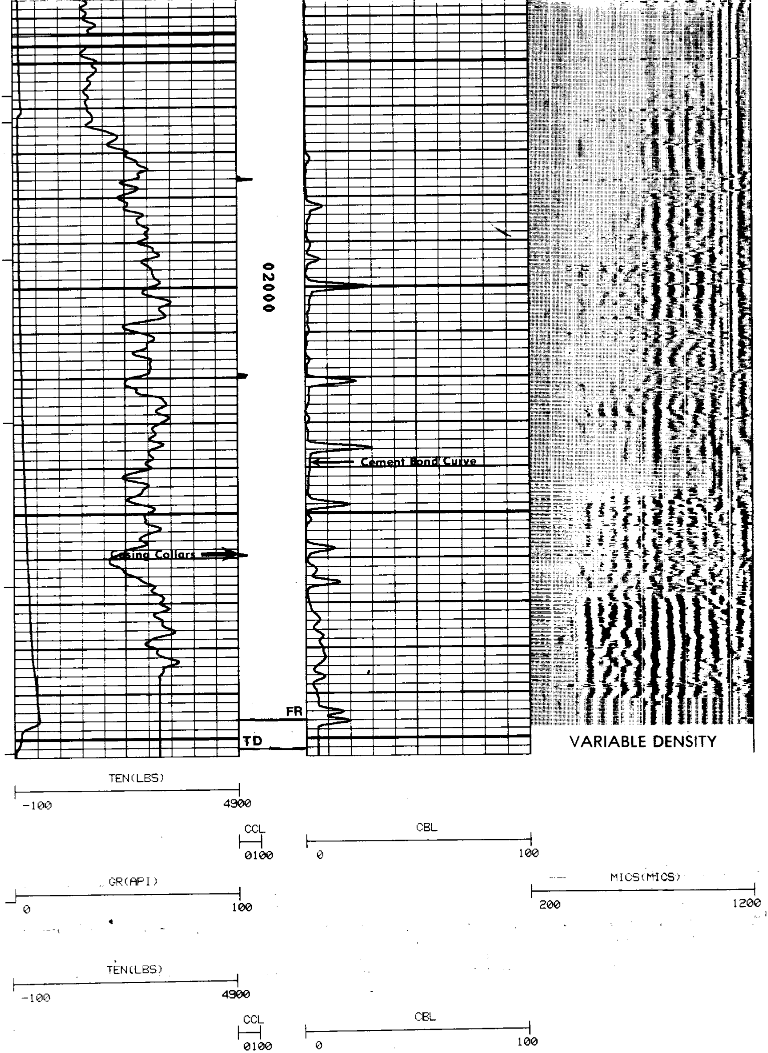


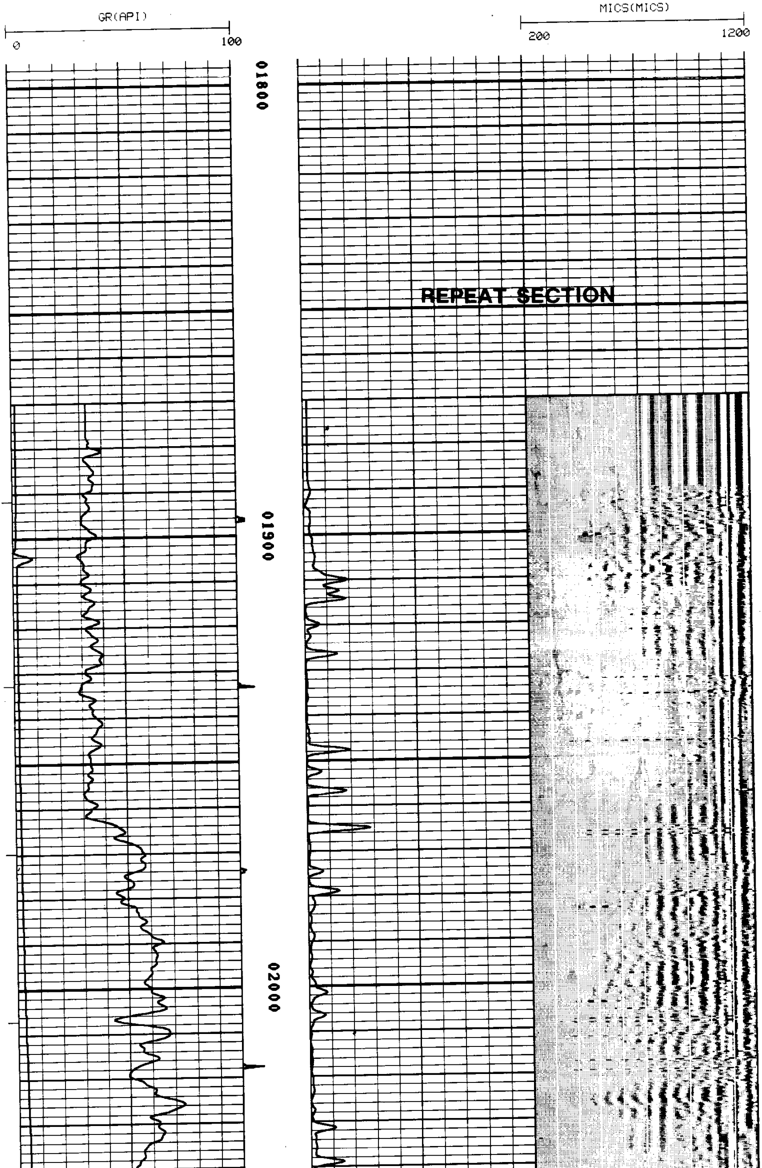


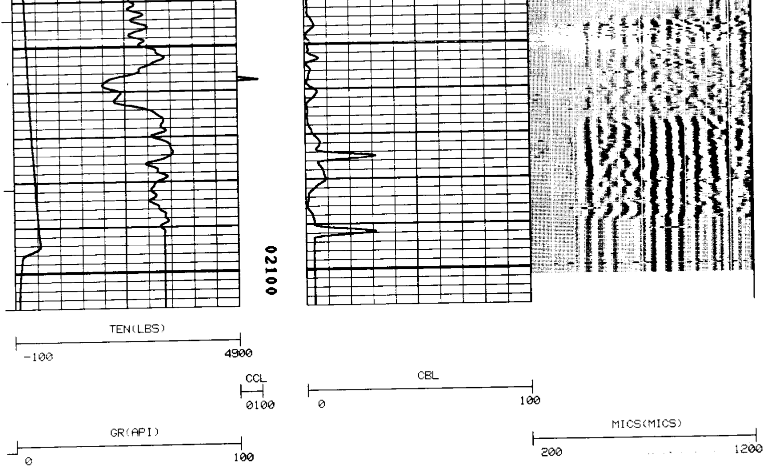












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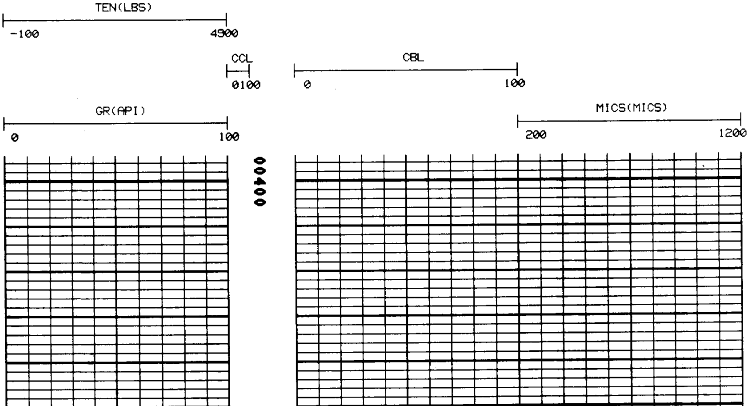
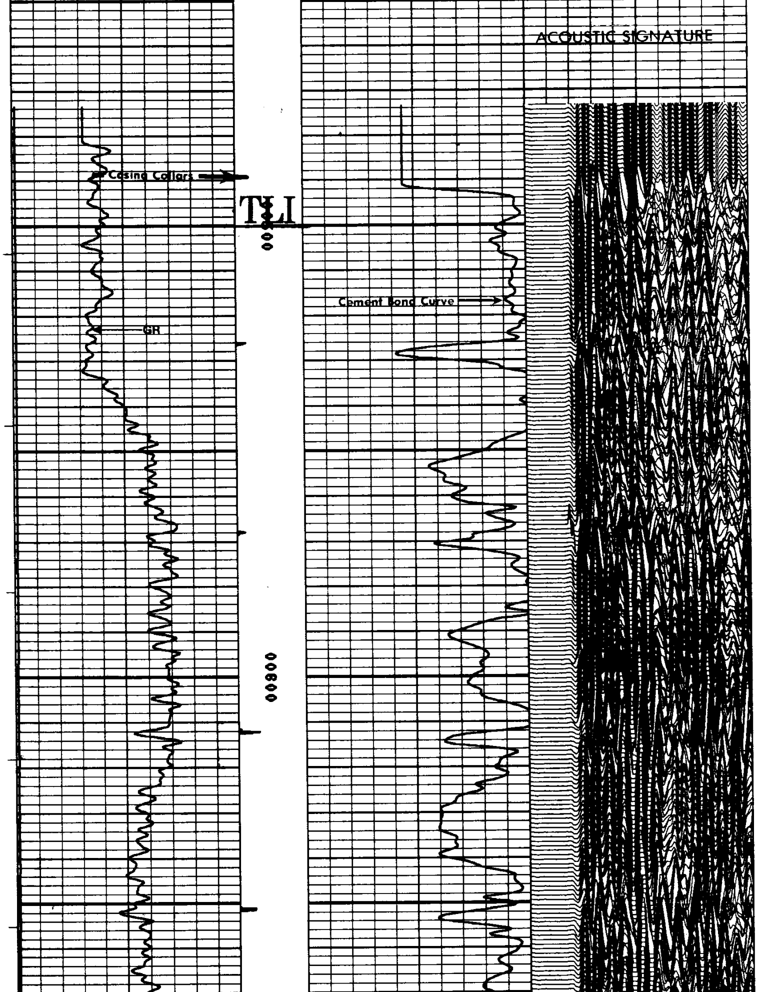
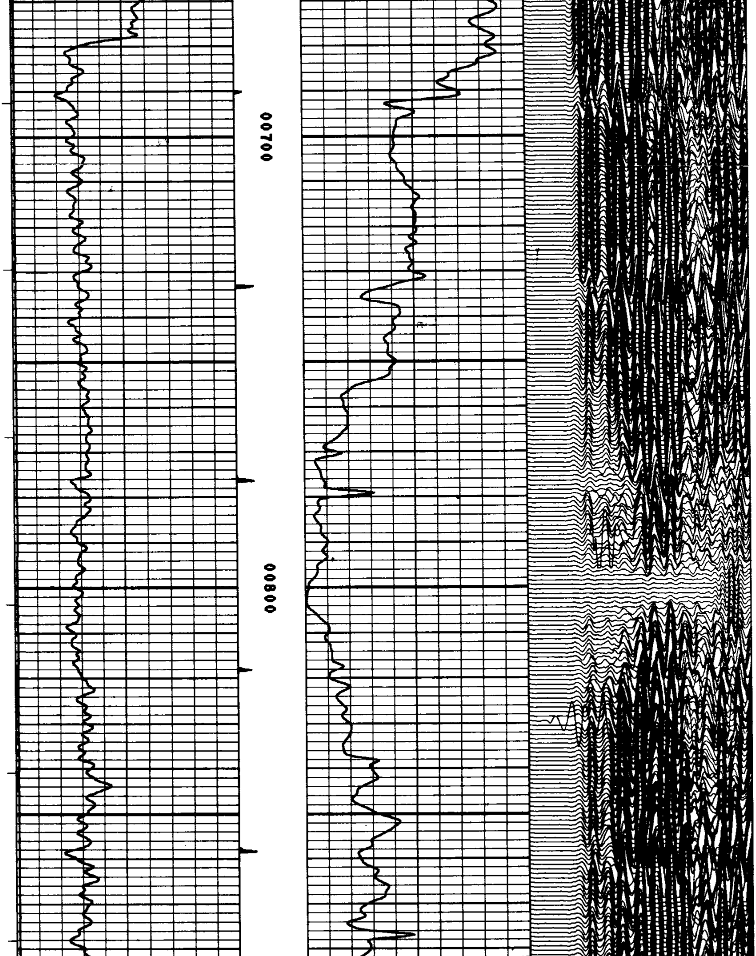
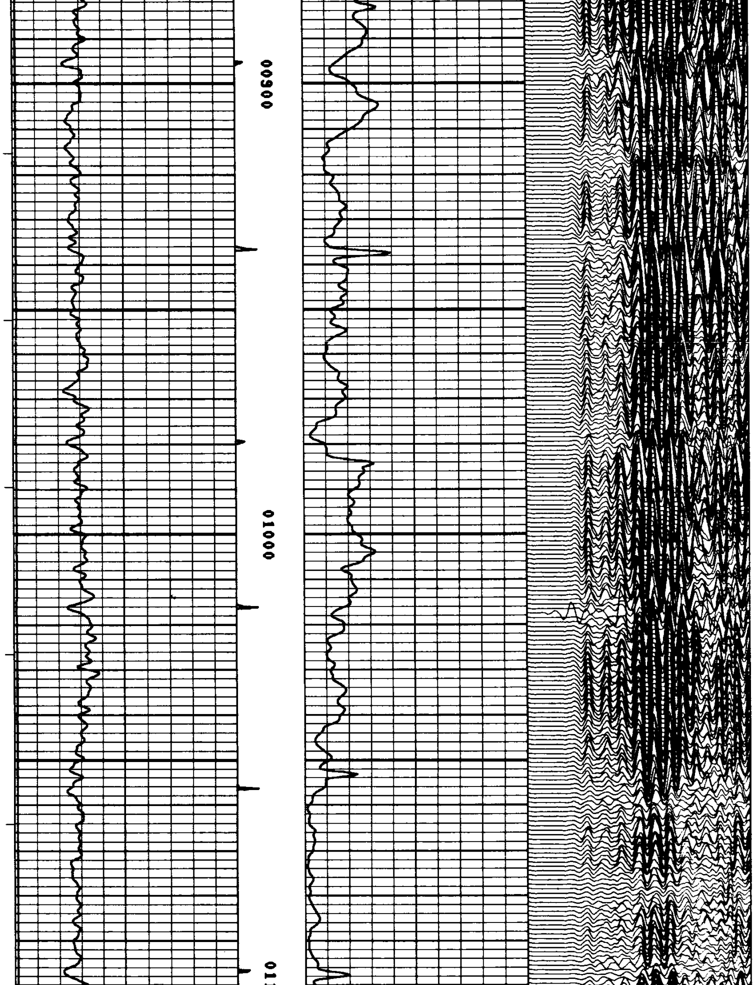
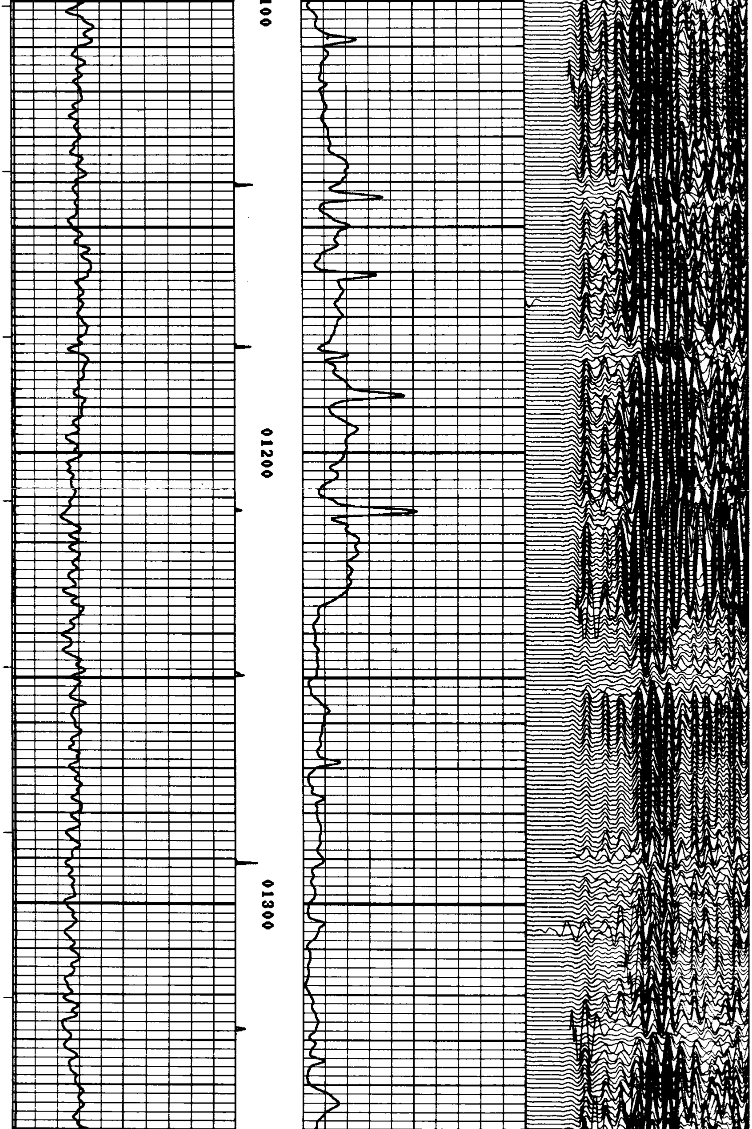
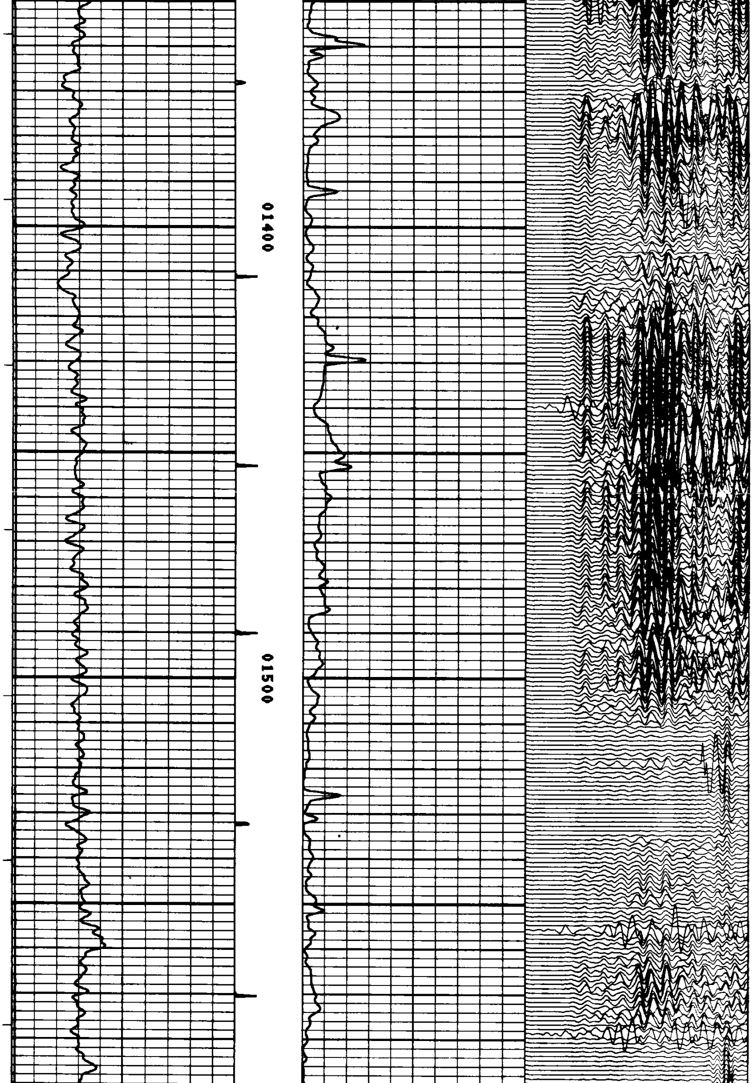


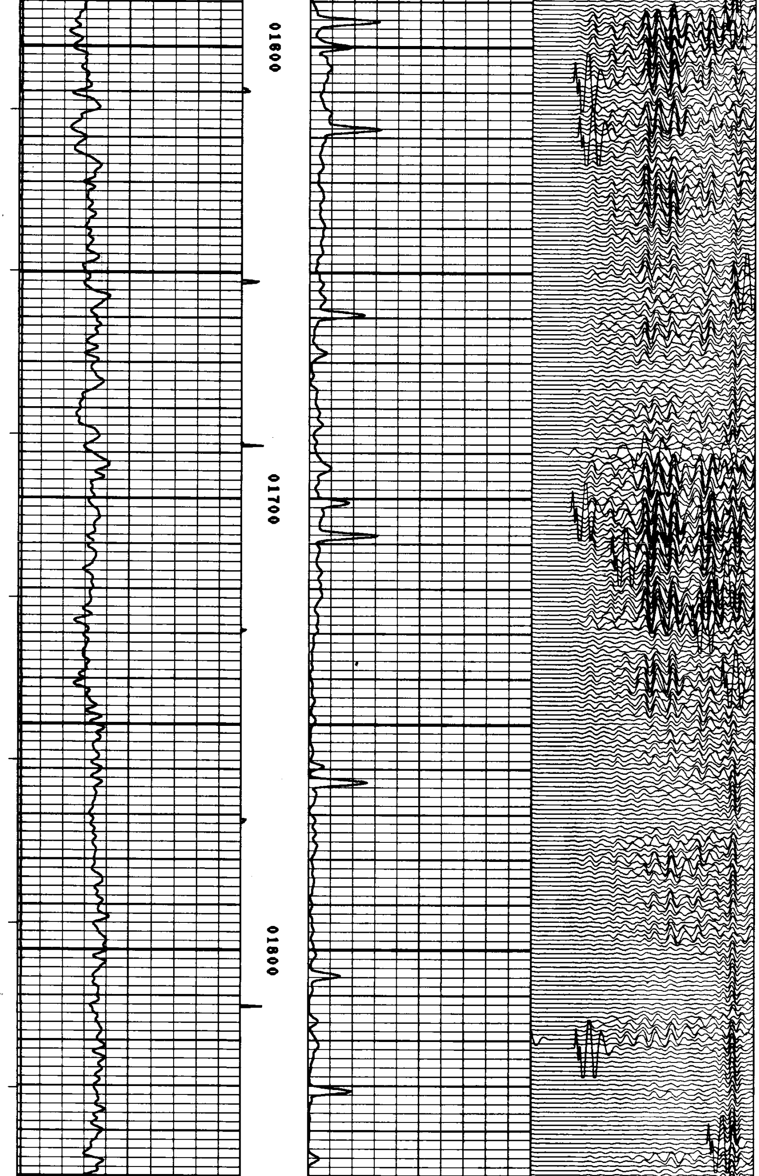


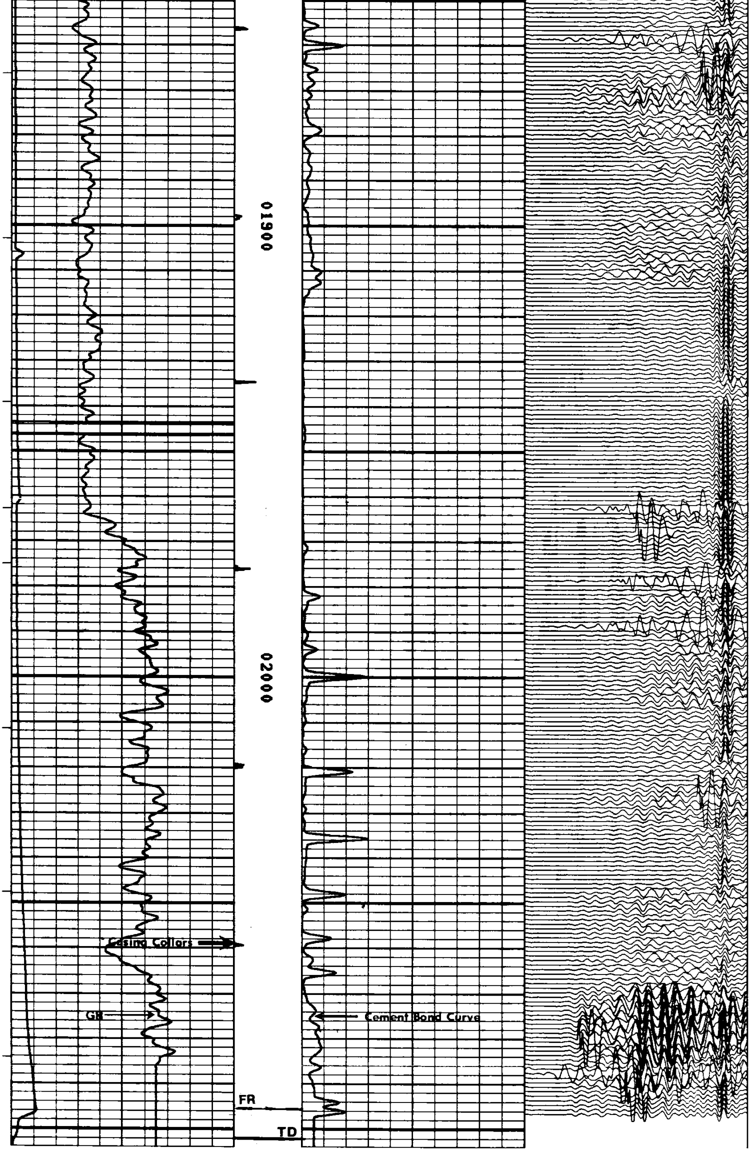












ACOUSTIC SIGNATURE

TEN(LBS)
-100 4900

CCL
0100

CBL
0 100

GR(API)
0 100

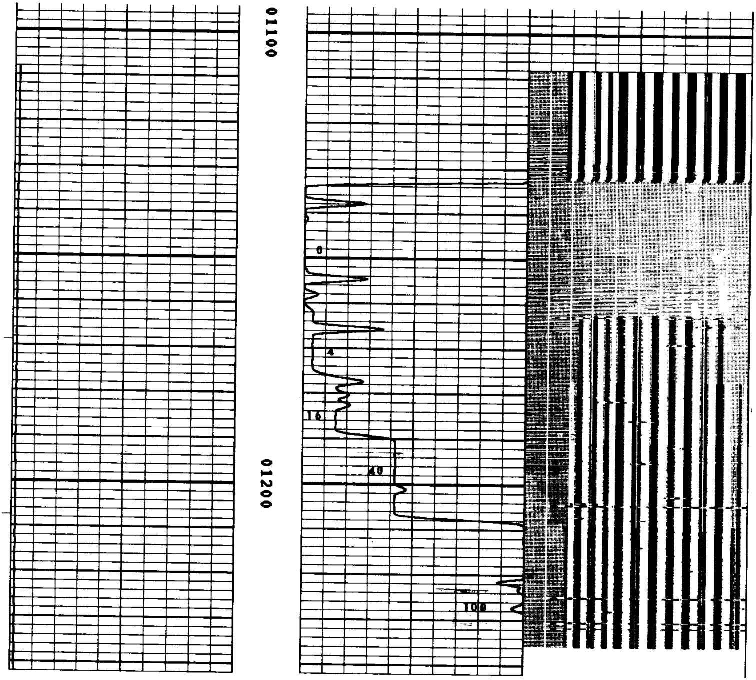
MICS(MICS)
200 1200

CURVE DELAYS

CBL
0 100

TEN(LBS)
-100 4900

MICS(MICS)
200 1200



CBL
0 100

TEN(LBS)
-100 4900

MICS(MICS)
200 1200