ORM 925307 (Rev. 2/81)

Dresser Atlas

DRESSER

Acoustic Cement Bond Log

VDL

Neutron

FILE NO.

API NO.

5" = 100'

COMPANY OREGON NATURAL GAS CORPORATION

WELL IW 32 D-10

FIELD MIST

COUNTY COLUMBIA STATE OREGON

LOCATION: 2181.12' S. & 1744.83 W. OF THE N.E. CORNER OF:

SEC 10 TWP 6N RGE 5W

Other Services NONE

Permanent Datum GL Elev. 803.3'

Log Measured from KB , 13.5 Ft. Above Permanent Datum

Drilling Measured from KB

Elev. KB 816.8'

DF

GL 803.3'

Date	1-21-87	CSG. RECORD	Surface	Protection	Production	Liner
Run No.	ONE	Size				
Service Order No.	22824	Wt./Ft.				
Depth — Driller	2600'	Grade				
Depth — Logger	2604'	Type Joint				
Bottom Logged Int.	2598'	Top				
Top Logged Interval	400'	Bottom				
Ft. Measured	2198'	PRIMARY CEMENTING DATA				
Type Fluid in Csg.	-	Type Cement			NA	
Fluid Level	-	Vol. of Cement				
Max. Temp. Deg. F.	-	Additive				
Tool Series No.	1417	% Additive				
Tool Diam.	3.38"	Retarder				
Standoff Size	VARIABLE	% Retarder				
Logging Speed	75'/MIN	Slurry Wt.				
R/A Log Type	N-TN	Water Loss				
T.C.	CLS	Drlg. Mud Type				
Sens. Setting	CLS	Drlg. Mud Wt.				

API Units/Div.	40	PRIMARY CEMENTING PROCEDURE	HR.	DATE	
Truck or Unit No.	6406	Started Pumping			Preceding Fluid
Location	SAC.	Plug on Bottom			Vol. Bbls.
Opr. Rig Time	2 HRS.	Pres. Released			Returns: Full Partial None
Recorded by	M. HINDS	Started Bond Log			Pipe Rot. During Pumping: Yes No
Witnessed by	MR. THOMAS	Finished Bond Log			Pipe Rot. After Plugdown: Yes No

Confidential

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.

CASING RECORD

SIZE	WGT	FROM	TO
8 5/8"	--	SURF	TD

REMARKS RUN (1)

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	CBL	72526	1417	CENT.
1	1	NEU	74444	2404	CENT.
1	1	GR			
1	1	CCL	----	2318	CENT.

COMPANY: OREGON NATURAL GAS CORP.

WELL NAME: IM 32-10

SERVICE: KC332M FILE: 5 DATE: 01/12/87

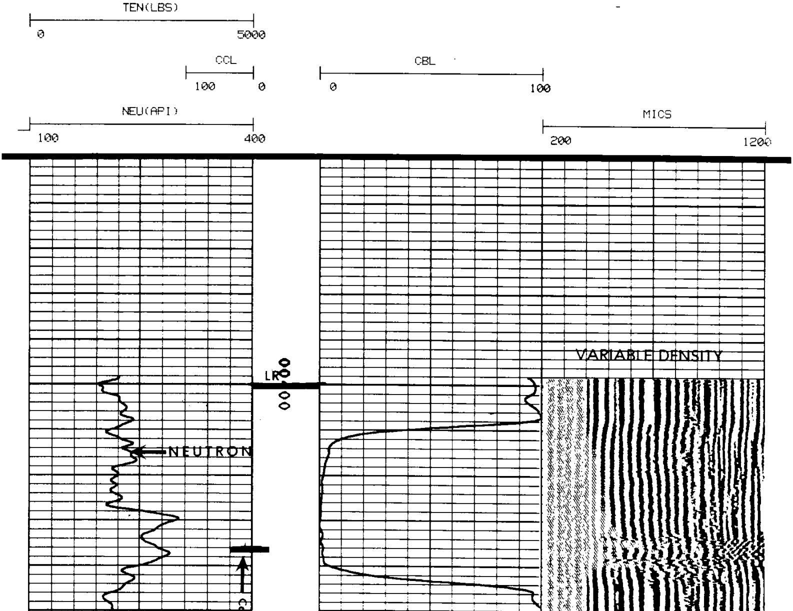
REVISION: FSYSAL REV D007 VER 7

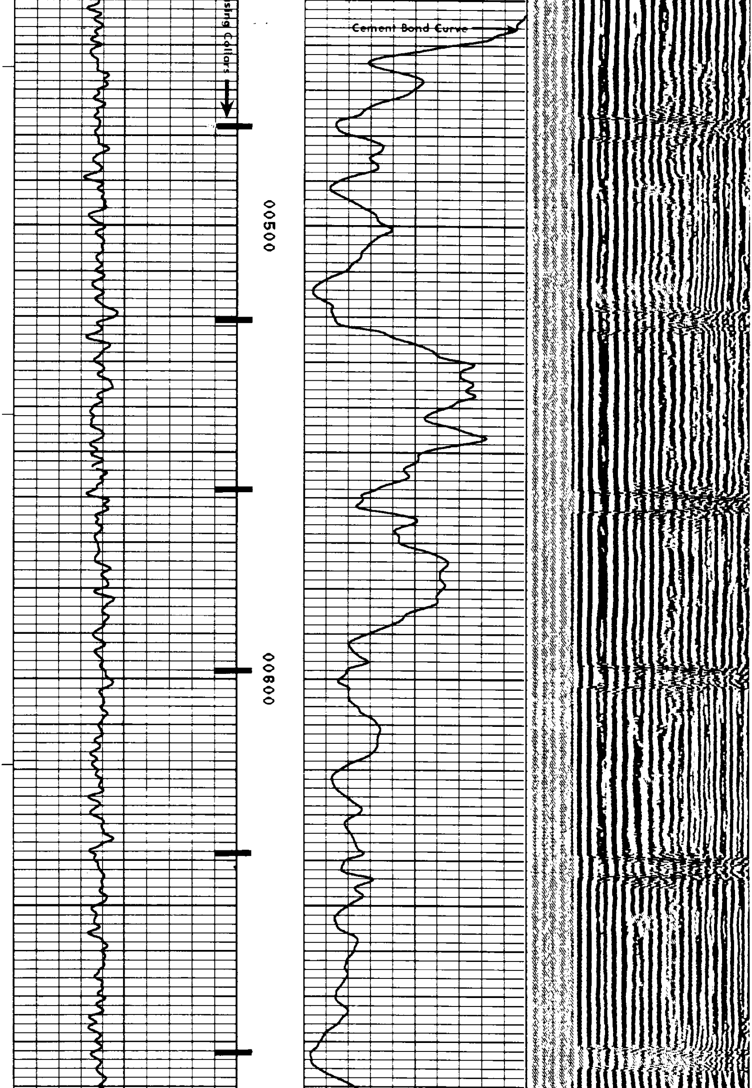
RUN: 1

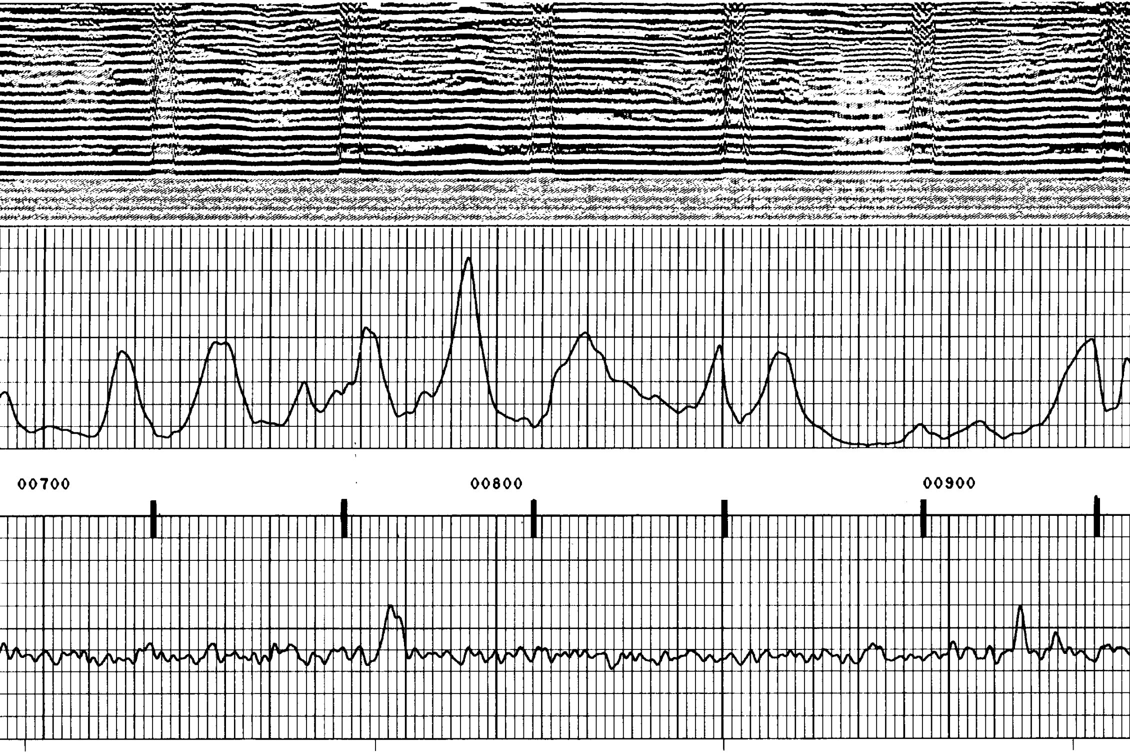
TRIP: 1

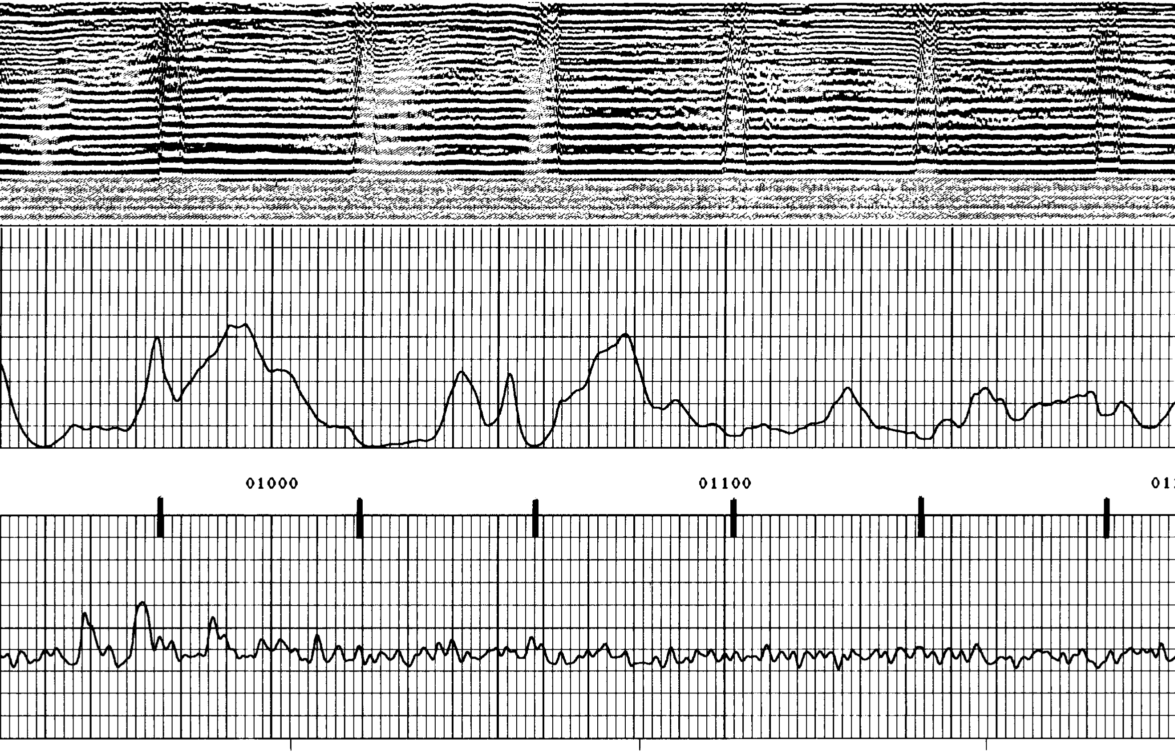
TIME: 12:13:16

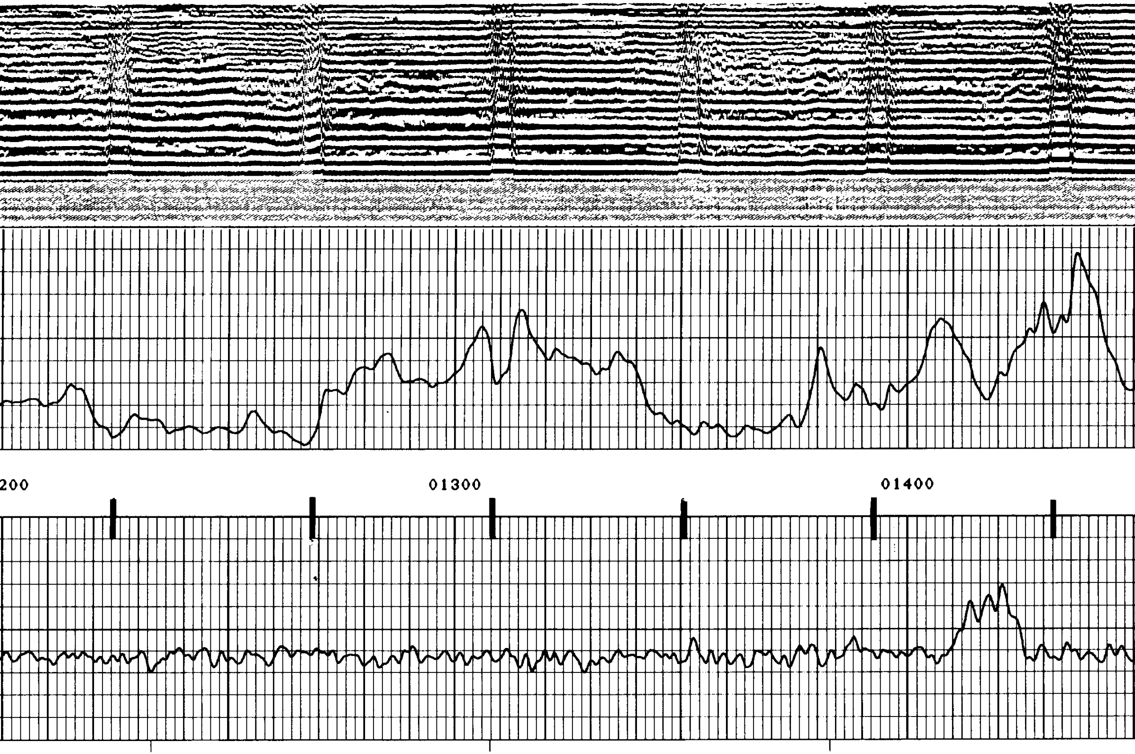
MODE: RECORD

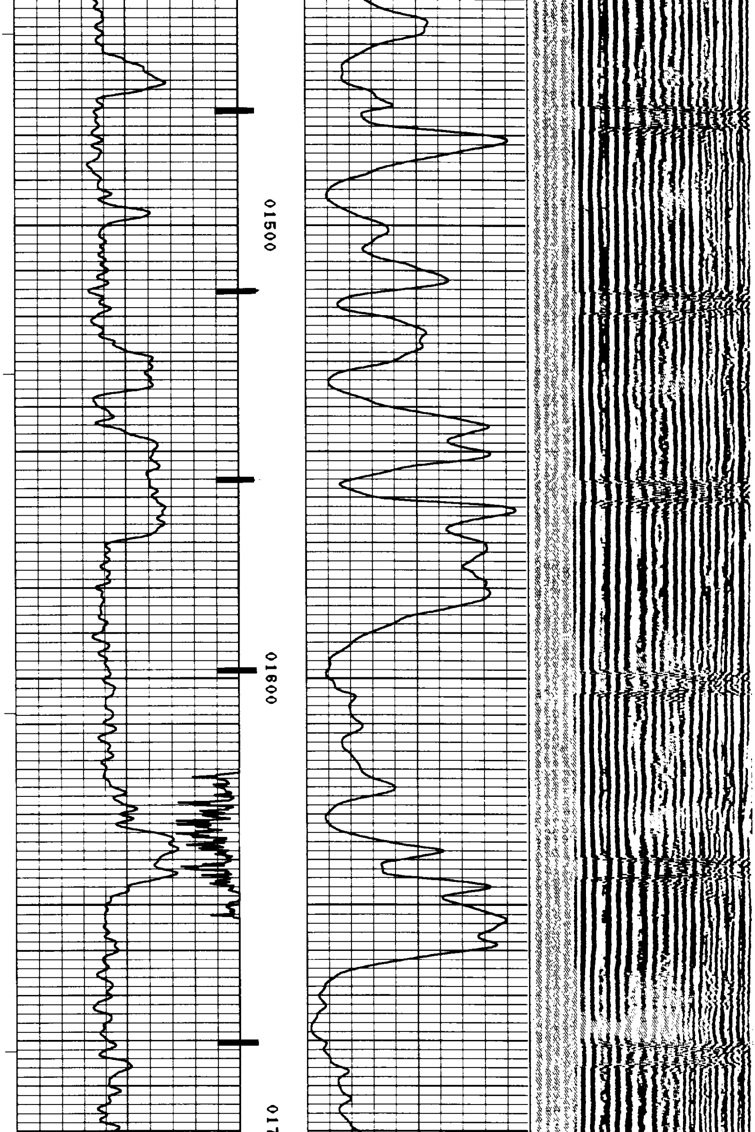


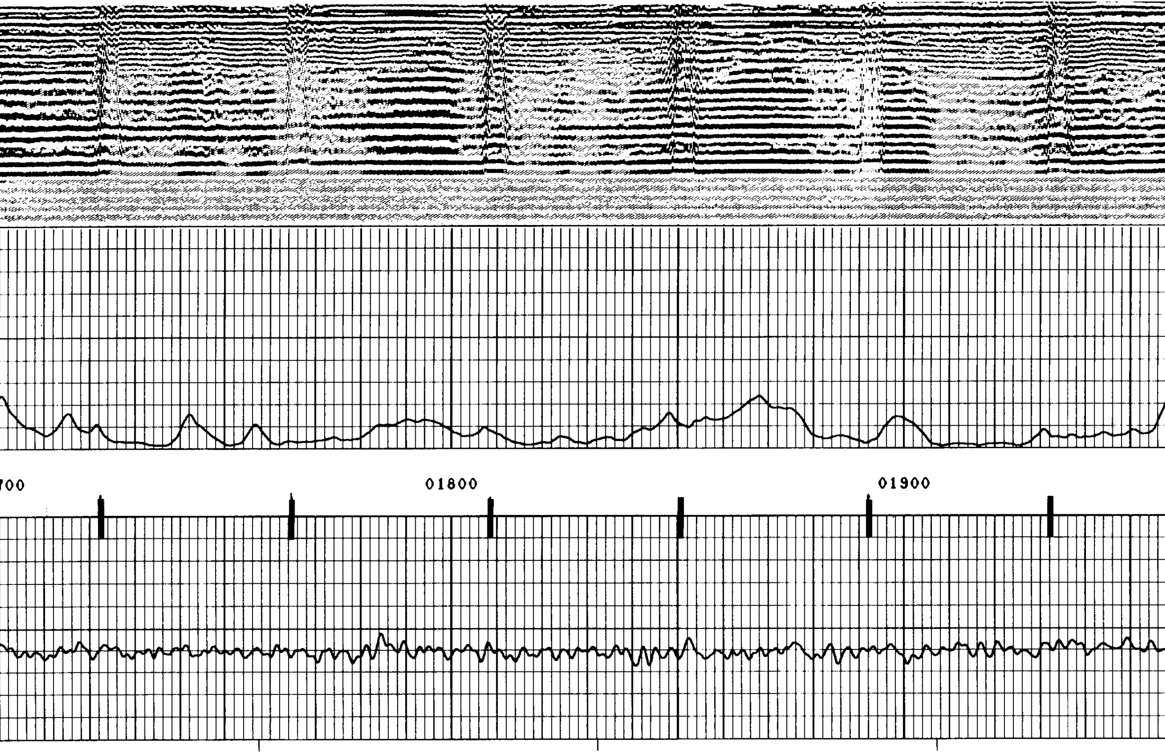


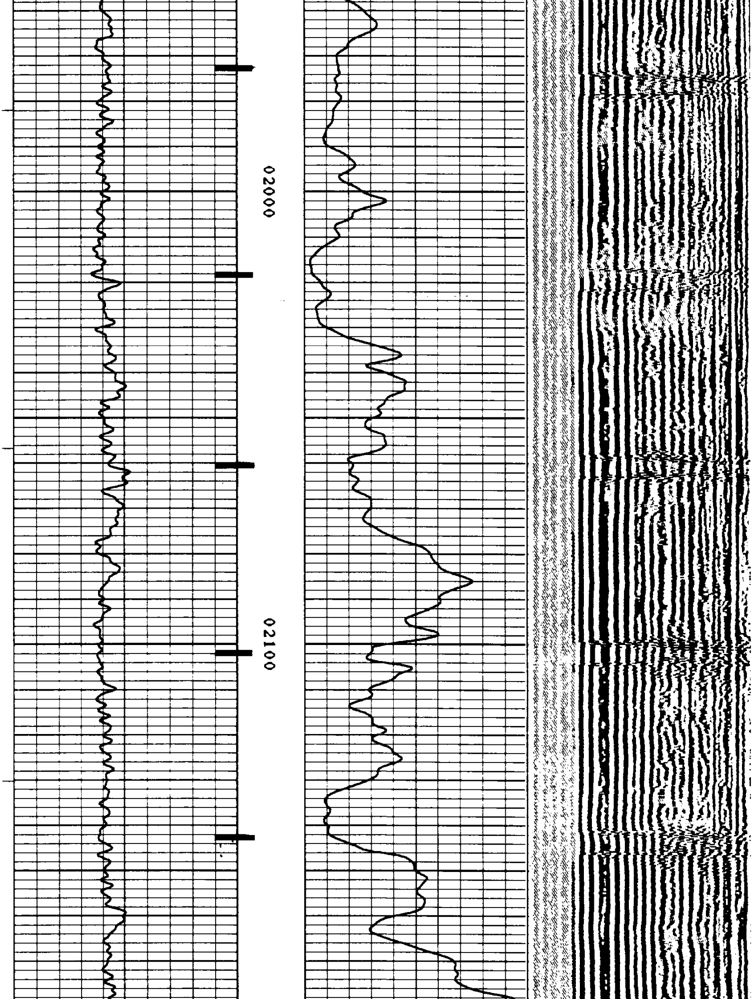


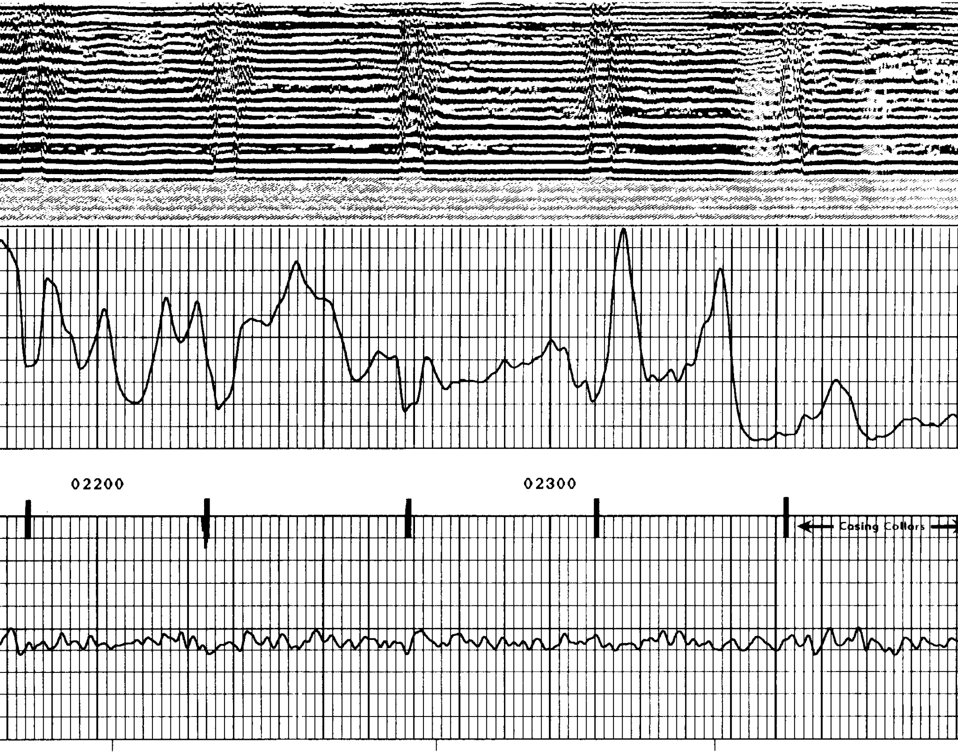


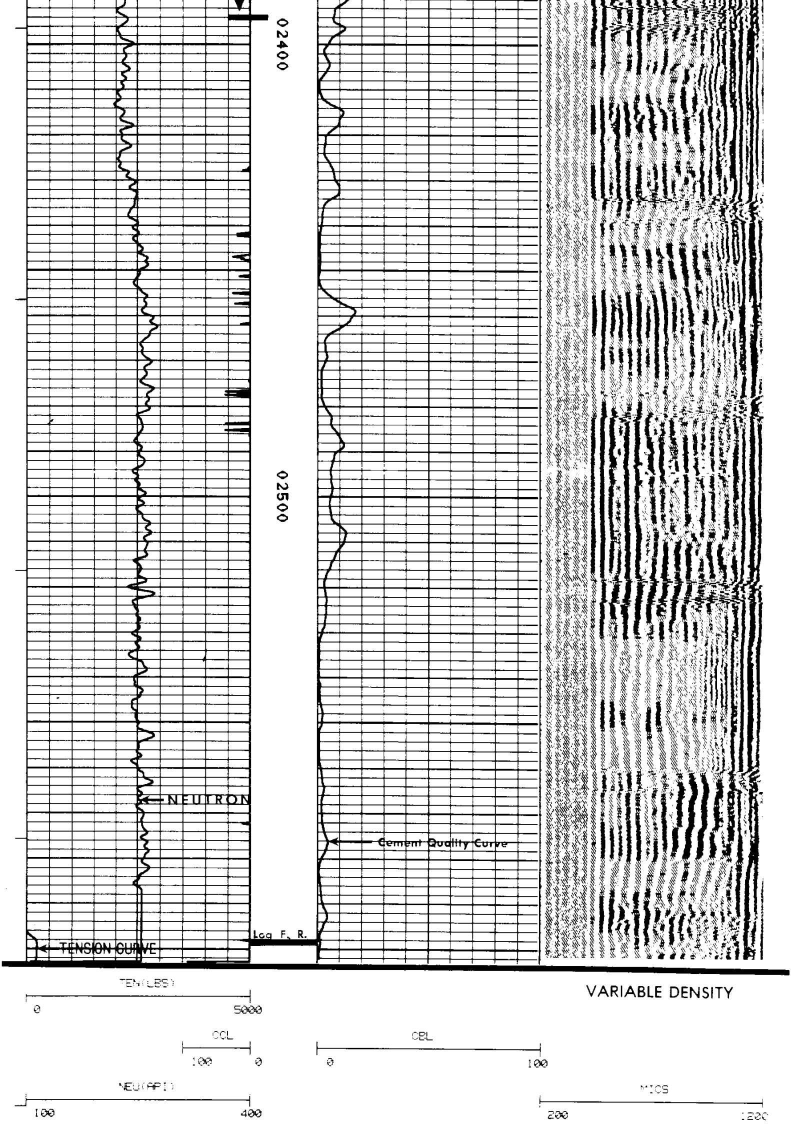




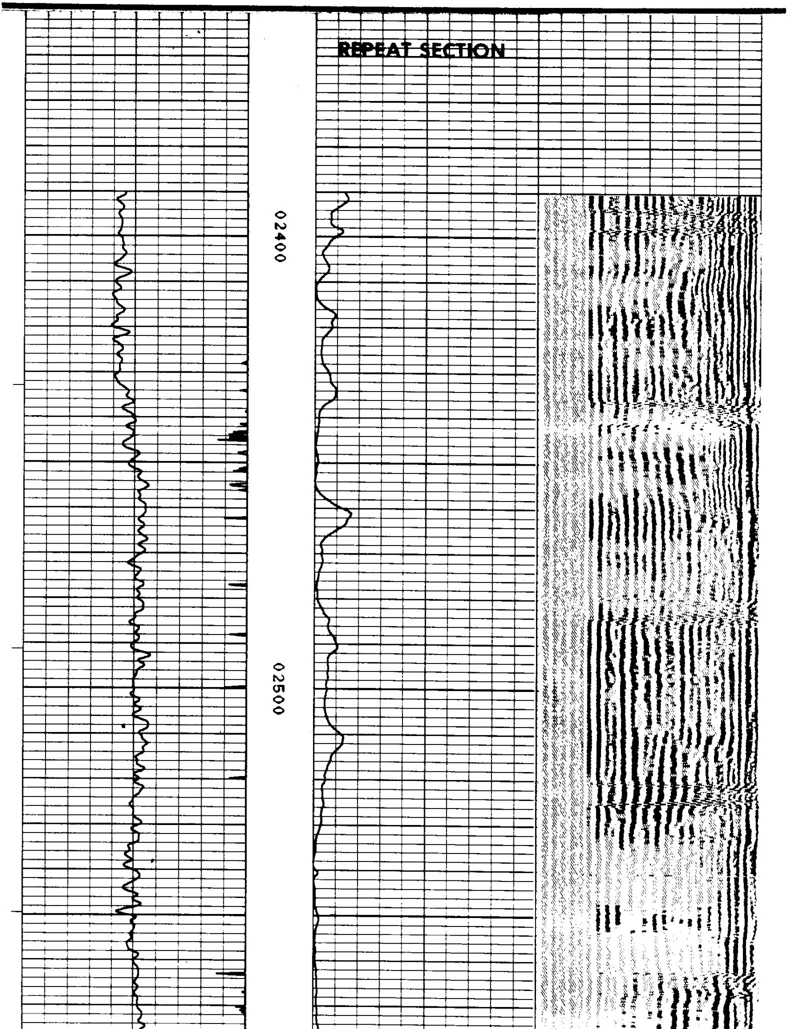


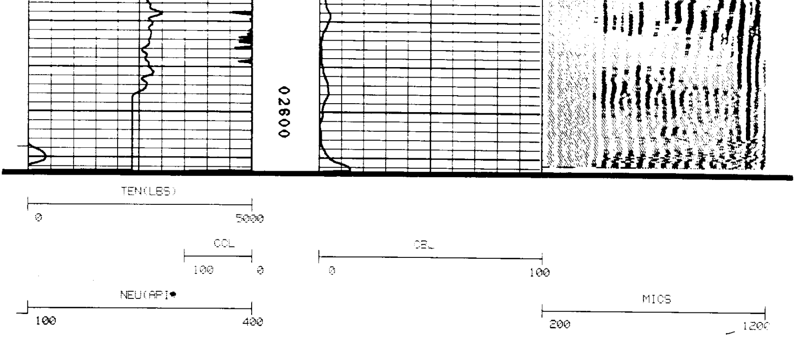


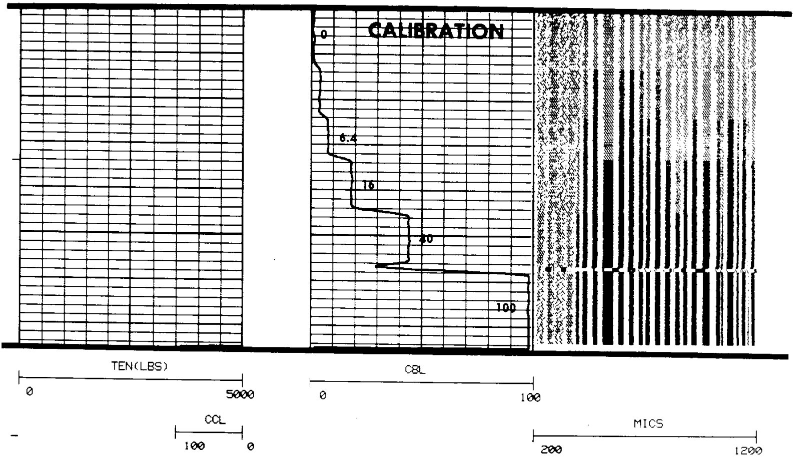




REPEAT SECTION







Dresser Atlas DRESSER