FORM 925307 (Rev. 2/81)

Western Atlas International
A Litton Dresser Company
Atlas Wireline Services

Acoustic Cement Bond Log
VDL
Neutron

FILE NO.

API NO.

5" = 100'

COMPANY OREGON NATURAL GAS CORPORATION
WELL IW 42~~B~~6 10
FIELD MIST
COUNTY COLUMBIA STATE OREGON

LOCATION: 451' W. & 221' N. FROM E/4 CORNER OF:
SEC 10 TWP 6N RGE 5W

Other Services
VERT

Permanent Datum GL Elev. 804.38'
Log Measured from KB, 11.4 Ft. Above Permanent Datum
Drilling Measured from KB

Elev.
KB 815.78'
DF
GL 804.38'

Date	7–27–88	CSG. RECORD	Surface	Protection	Production	Liner
Run No.	ONE	Size				
Service Order No.	159027	Wt./Ft.				
Depth — Driller	2065'	Grade				
Depth — Logger	2064'	Type Joint				
Bottom Logged Int.	2054'	Top				
Top Logged Interval	500'	Bottom				
Ft. Measured	1554'	PRIMARY CEMENTING DATA				
Type Fluid in Csg.	GEL/DRIS	Type Cement				
Fluid Level	FULL	Vol. of Cement				
Max. Temp. Deg. F.	-	Additive				
Tool Series No.	1417	% Additive				
Tool Diam.	3.38"	Retarder				
Standoff Size	VARIABLE	% Retarder				
Logging Speed	50'/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.	70/DIV	PRIMARY CEMENTING PROCEDURE	HR.	DATE	
Truck or Unit No.	6406	Started Pumping			Preceding Fluid
Location	SAC.	Plug on Bottom			Vol. Bbls.
Opr. Rig Time	1.5 HRS.	Pres. Released			Returns: Full Partial None
Recorded by	B. WELCH	Started Bond Log			Pipe Rot. During Pumping: Yes No
Witnessed by		Finished Bond Log			Pipe Rot. After Plugdown: Yes No

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

CASING RECORD

SIZE	WGT	FROM	TO
13 3/8"		SURF	532'
8 5/13"	32	SURF	2065'

REMARKS RUN (1)

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	CBL	72822	1417	CENT
1	1	NEU	74448	2404	CENT
1	1	CCL			

CURVE DELAYS

CURVE	DELAY	UNITS
NEU	19,6	FT,IN
CCL	15,6	FT,IN
SRT	0	FT,IN
MICS	0	FT,IN
CBL	0	FT,IN

PARAMETERS

*** NONE ***

DISPLAY SCALE CHANGES

*** NONE ***

COMPANY: OREGON NATURAL GAS CORP

WELL NAME: IW 42C-10

SERVICE: KC342M FILE: 3 DATE: 07/27/88

REVISION: FSYSAL REV D007 VER 7

RUN: 1

TRIP: 1

TIME: 02:33:24

MODE: RECORD

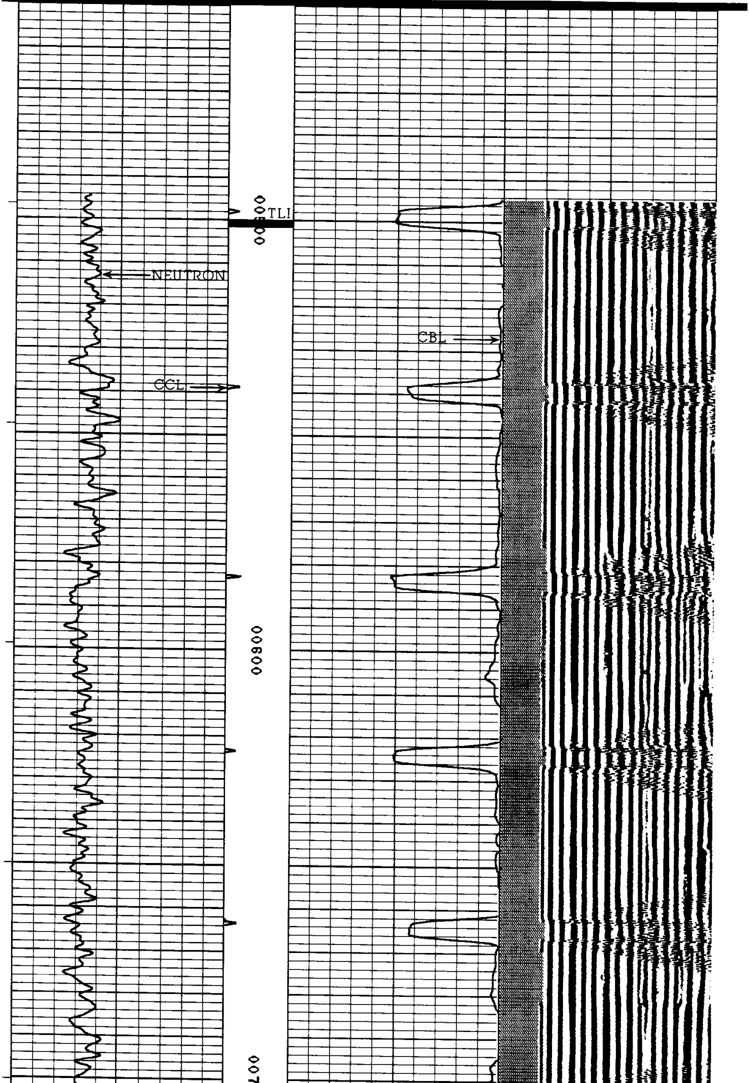
TEN(LBS) 0 5000

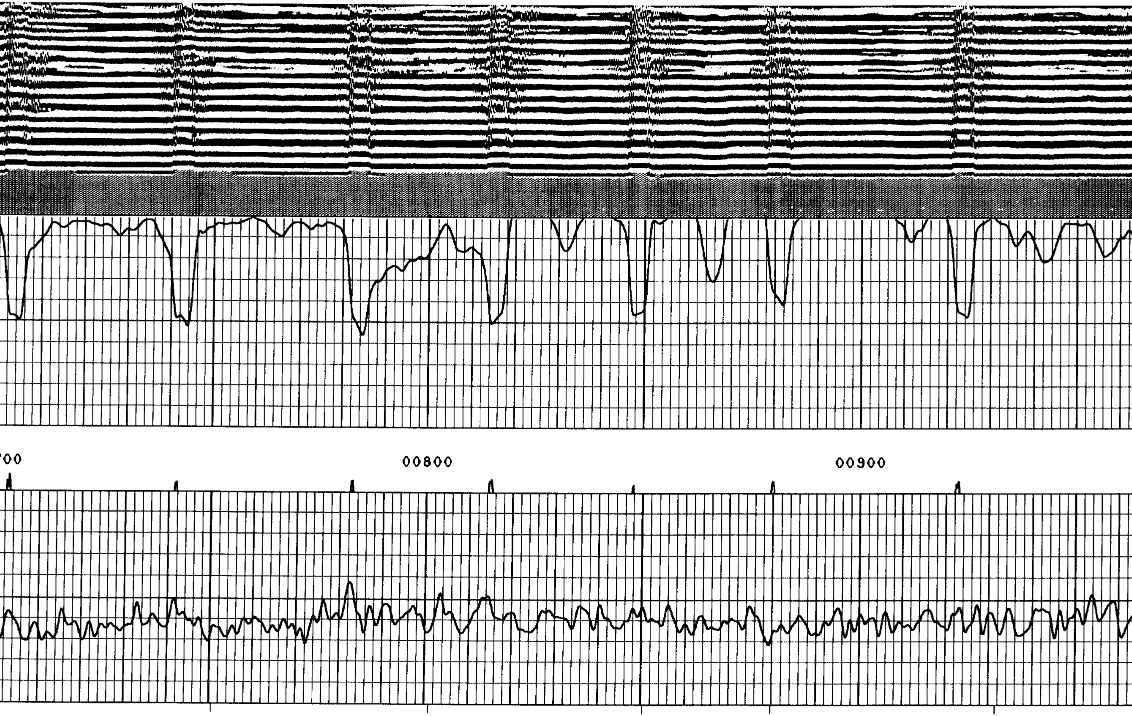
CCL 0100

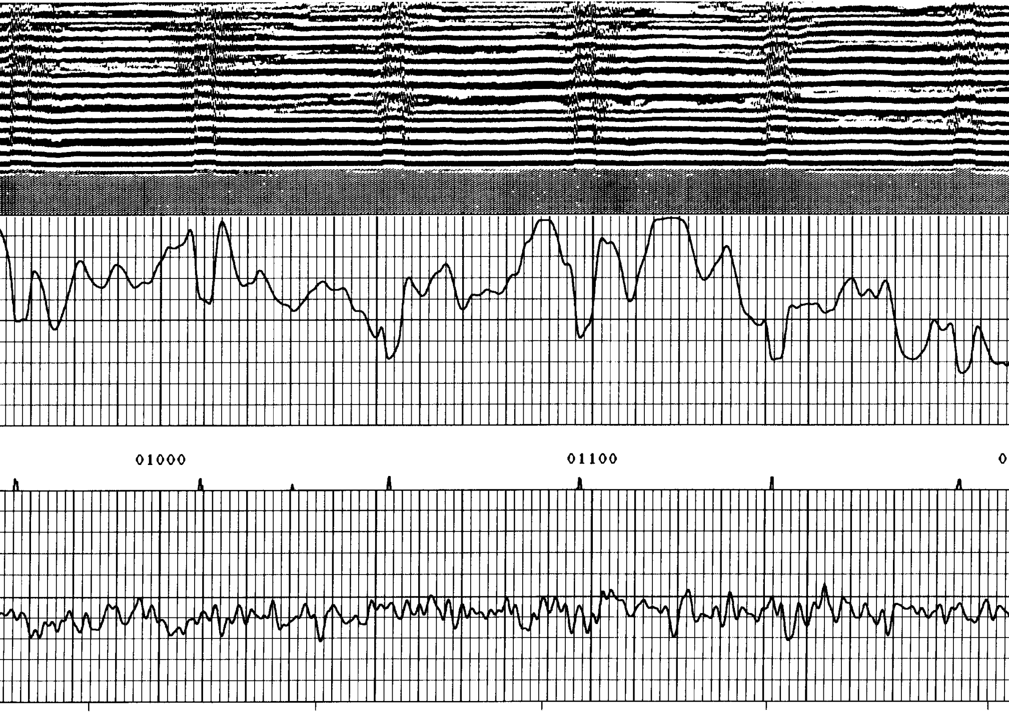
CBL(%) 0 100

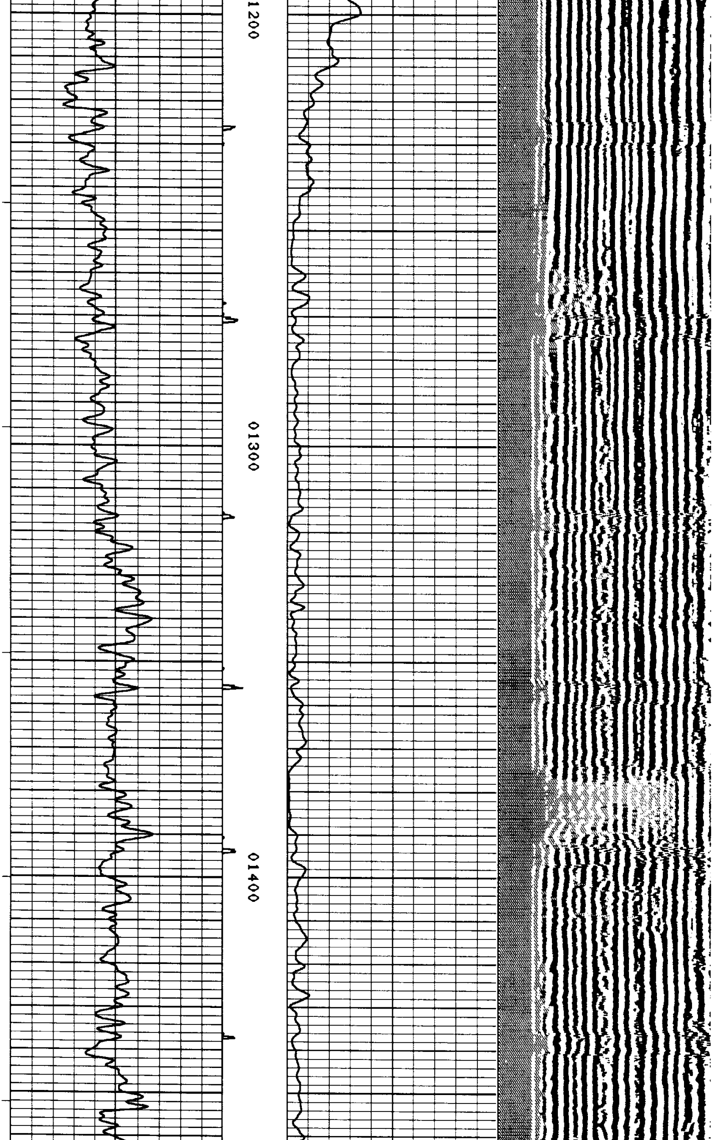
NEU(API) 900 1600

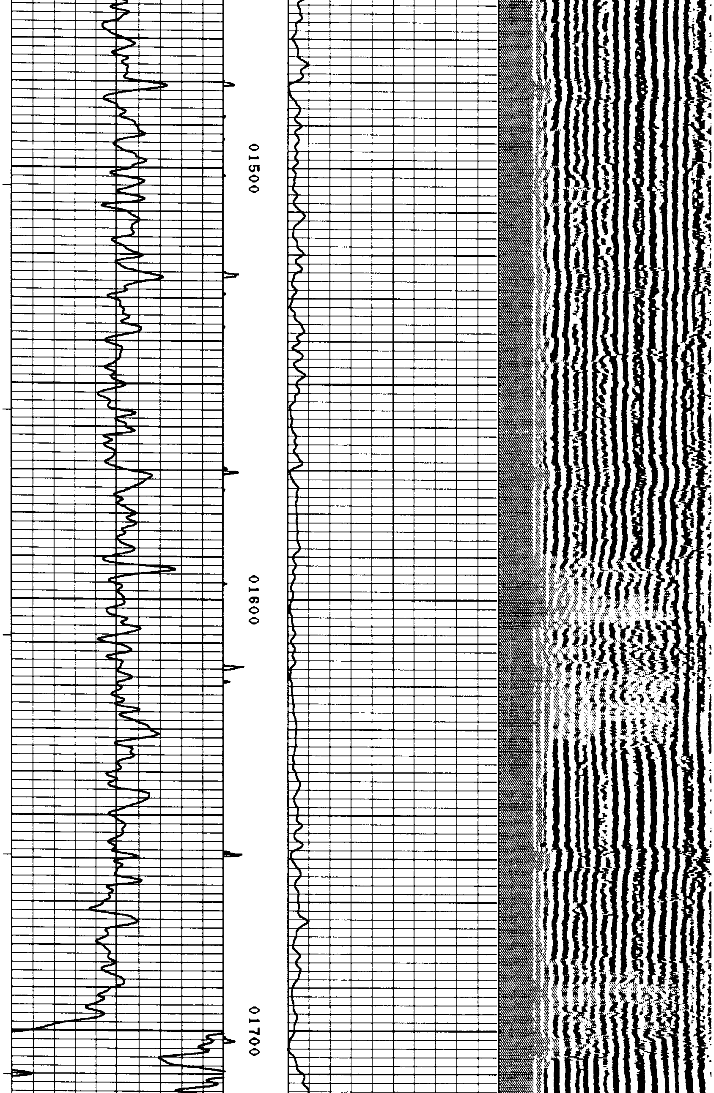
MICS 200 1200

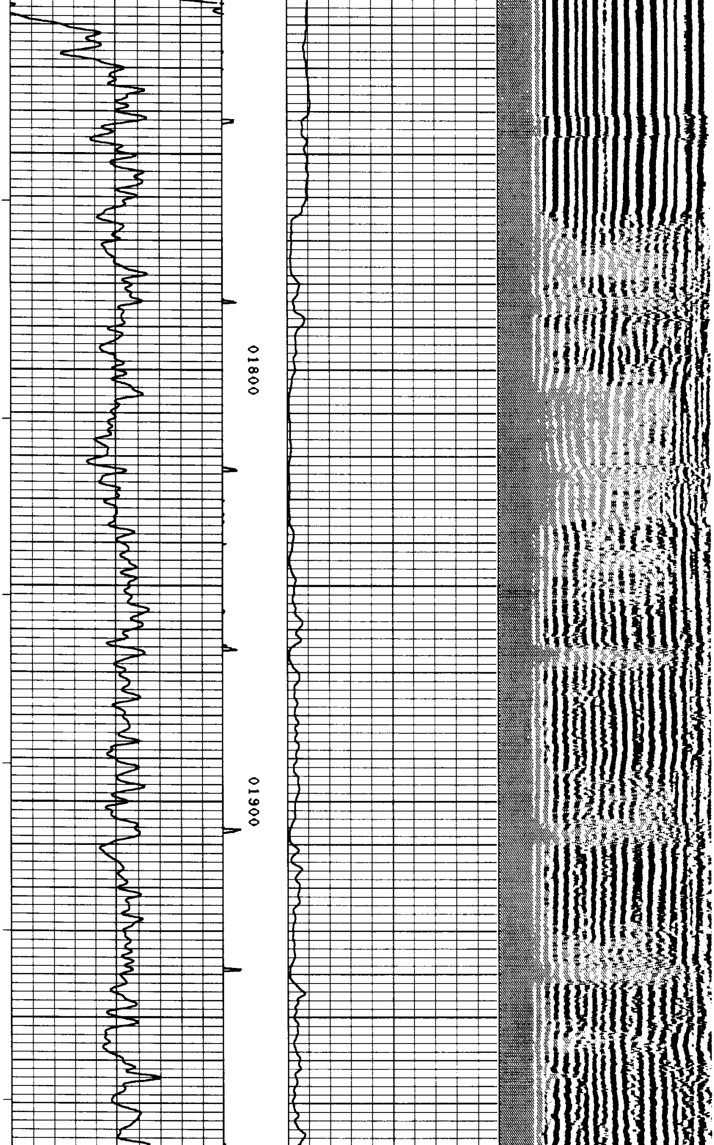


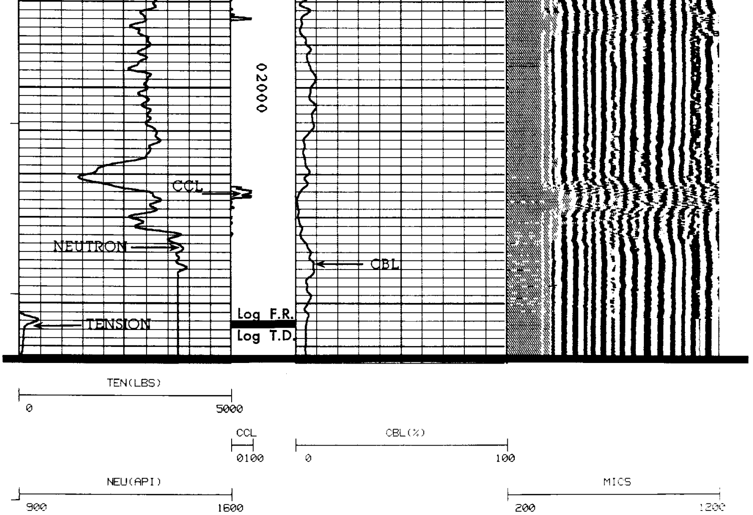












PARAMETERS

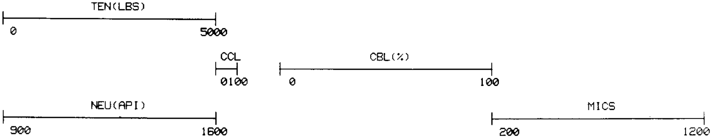
*** NONE ***
DISPLAY SCALE CHANGES

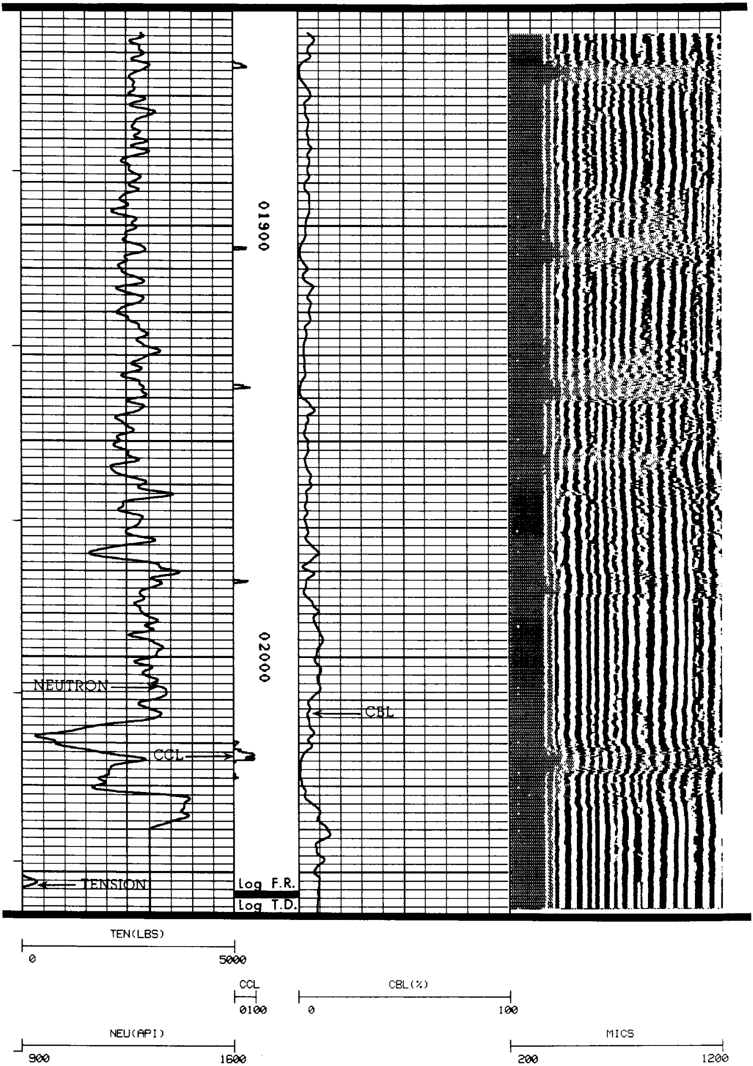
*** NONE ***

COMPANY: OREGON NATURAL GAS CORP
RUN: 1
WELL NAME: IW 42C-10
TRIP: 1
SERVICE: KC342M
FILE: 2
DATE: 07/27/88
TIME: 02:16:24
REVISION: FSYSAL REV D007 VER 7

REPEAT SECTION

MODE: RECORD





CURVE DELAYS

CURVE	DELAY	UNITS

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NEU     19,6  FT,IN
CCL     15,6  FT,IN
SRT        0  FT,IN
MICS       0  FT,IN
CBL        0  FT,IN
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PARAMETERS

*** NONE ***

DISPLAY SCALE CHANGES

*** NONE ***

COMPANY: OREGON NATURAL GAS CORP

RUN: 1

WELL NAME: IW 42C-10

TRIP: 1

SERVICE: KC342M

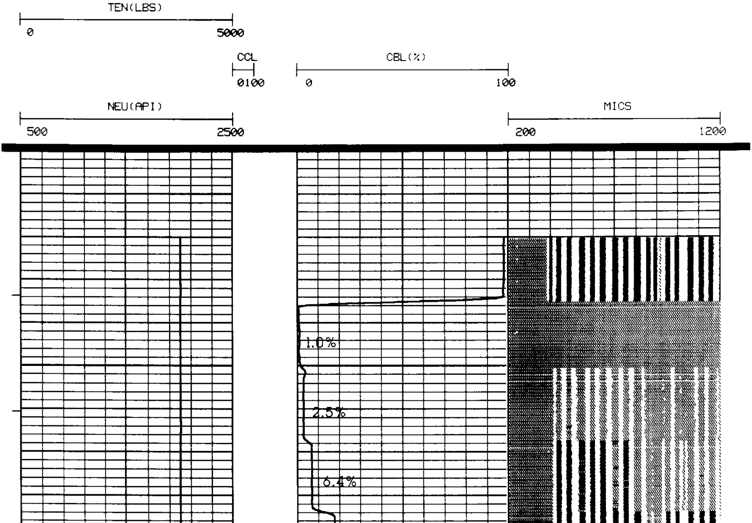
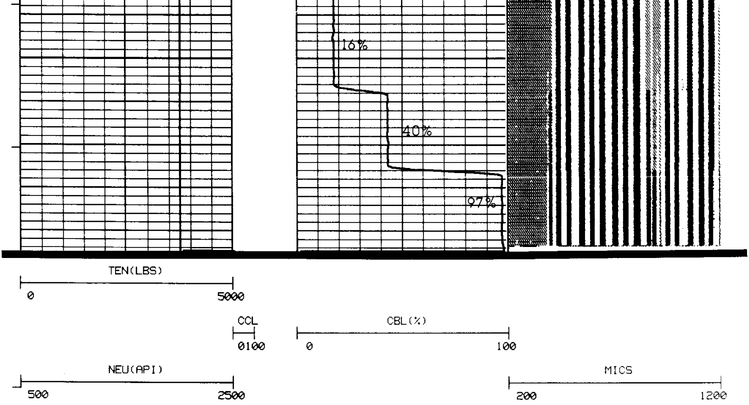
FILE: 1

DATE: 07/27/88

TIME: 02:05:05

REVISION: FSYSAL REV D007 VER 7

REPEAT SECTION

MODE: RECORD