ATLAS WIRELINE SERVICES

ACOUSTIC CEMENT BOND LOG

VDL NEUTRON

FILE NO.

API NO.

5" = 100'

COMPANY OREGON NATURAL GAS CORP
WELL IW 23B-3
FIELD MIST
COUNTY COLUMBIA STATE OR.

LOCATION:
615' S & 1591' E OF THE
W 1/4 CORNER OF
SEC 3 TWP 6N RGE 5W

OTHER SERVICES
VRT

PERMANENT DATUM GL ELEV. 1073.1
LOGGING MEASURED FROM KB 11.4' FT. ABOVE P.D.
DRILLING MEASURED FROM KB

ELEVATIONS
KB 1084.5"
DF -
GL 1073.1'

DATE	6/29/88	
RUN	1	
SERVICE ORDER	158842	
DEPTH-DRILLER	2615'	
DEPTH-LOGGER	2608'	
BOTTOM LOGGED INTERVAL	2601'	
TOP LOGGED INTERVAL	550'	
TYPE FLUID IN HOLE	GEL/DRISPAC	
SALINITY PPM CL.	-	
DENSITY LB/GAL.	9.5	
LEVEL	FULL	
MAX. REC. TEMP. DEG. F	108 F	
OPR. RIG TIME	2 HRS	
EQUIP. NO. / LOC.	HL 6406 | SAC	
RECORDED BY	B. WELCH	
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 WIRELINE SERVICES

CASING RECORD

SIZE	WGT	FROM	TO
13 3/8"		SURF	571'
8 5/8"	32	SURF	2615'

REMARKS RUN (1)

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	VRT	55001	2907	CENT
1	1	CBL	72822	1417	CENT
1	1	NEU	74448	2404	CENT
1	1	CCL		2318	CENT

CURVE DELAYS

CURVE	DELAY	UNITS
NEU	19,6	FT,IN
CCL	15,0	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 RUN: 1

WELL NAME: IW 23B-3 TRIP: 1

SERVICE: KC342M FILE: 3 DATE: 06/29/88 TIME: 18:08:47

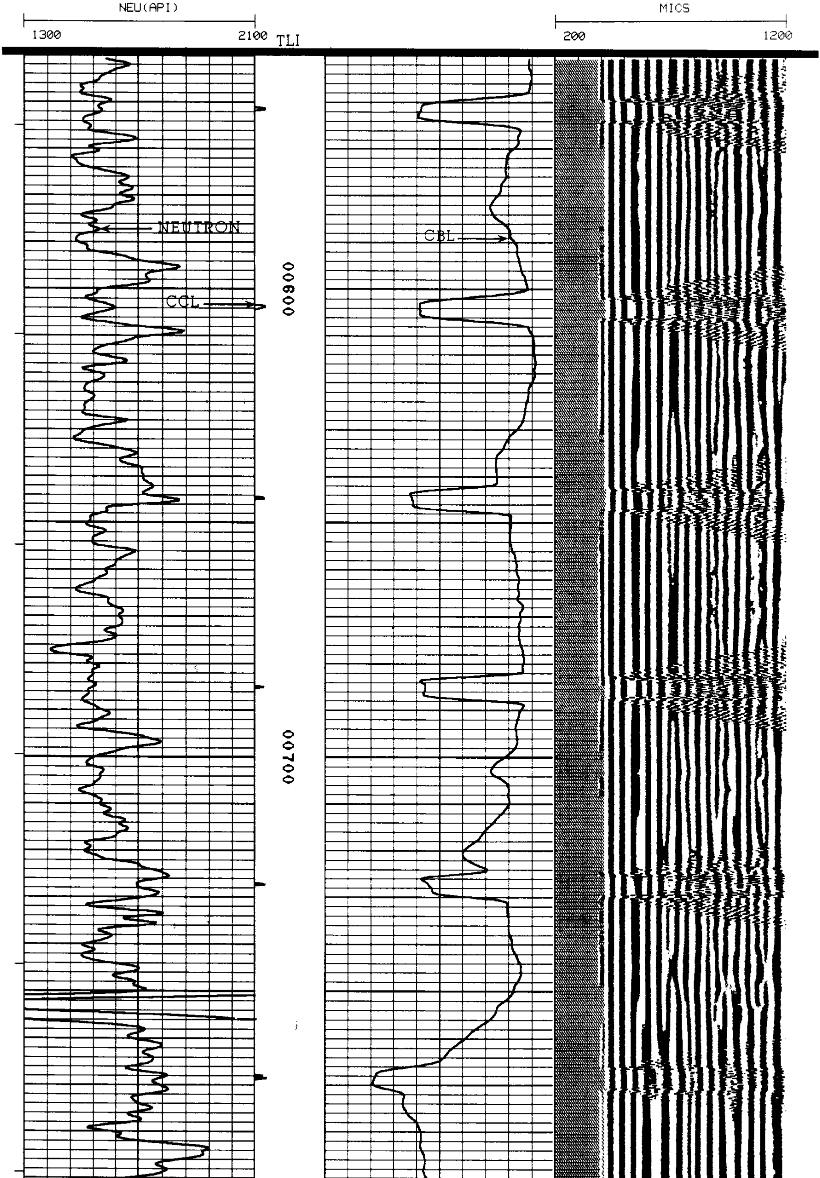
REVISION: FSYSAL REV D007 VER 7 MODE: RECORD

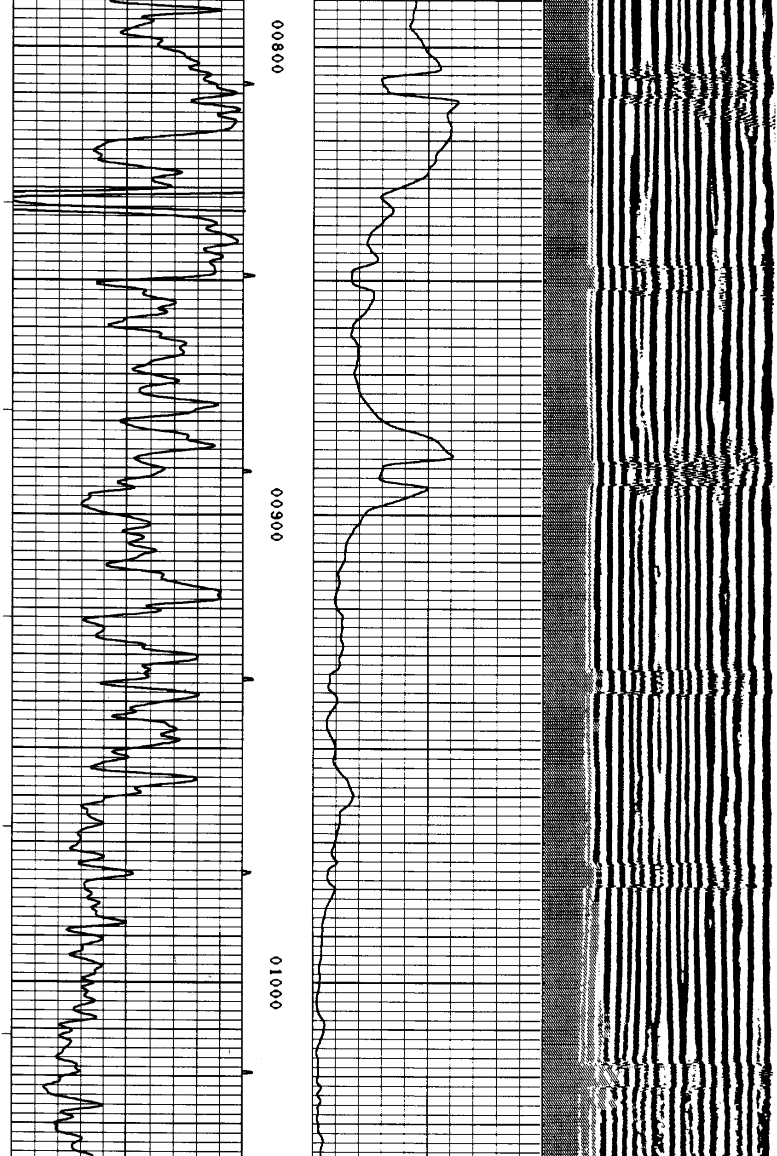
TEN(LBS)

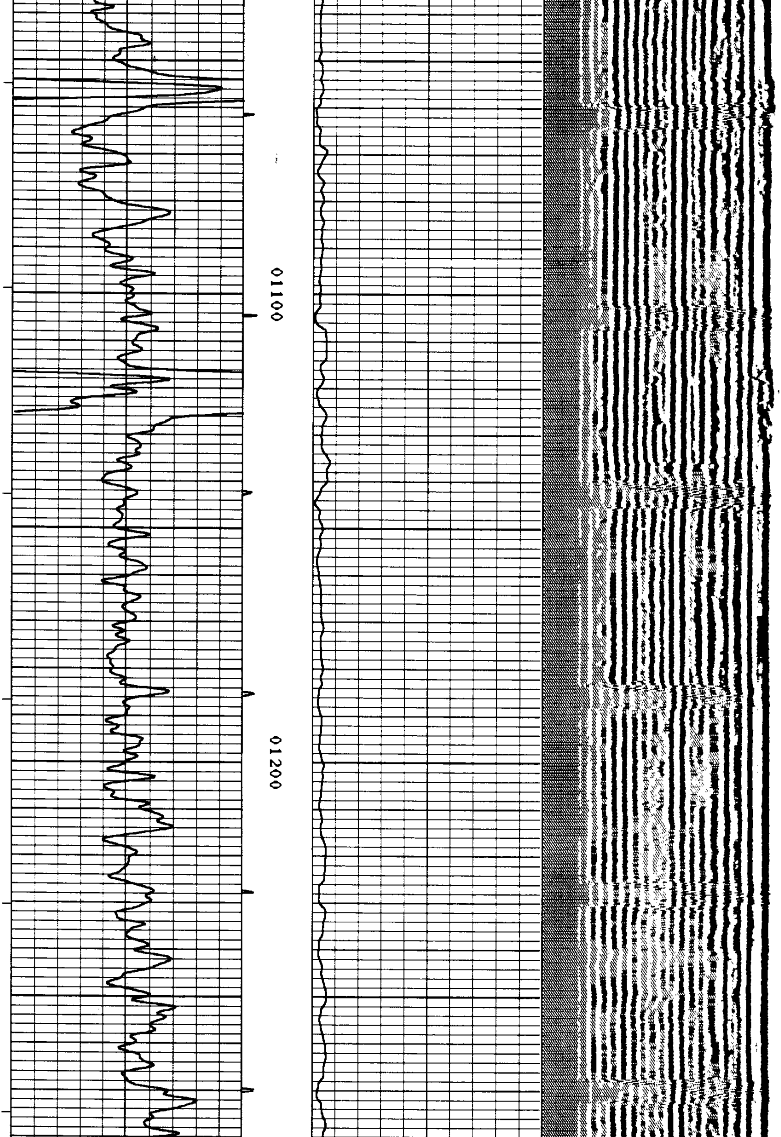
0 5000

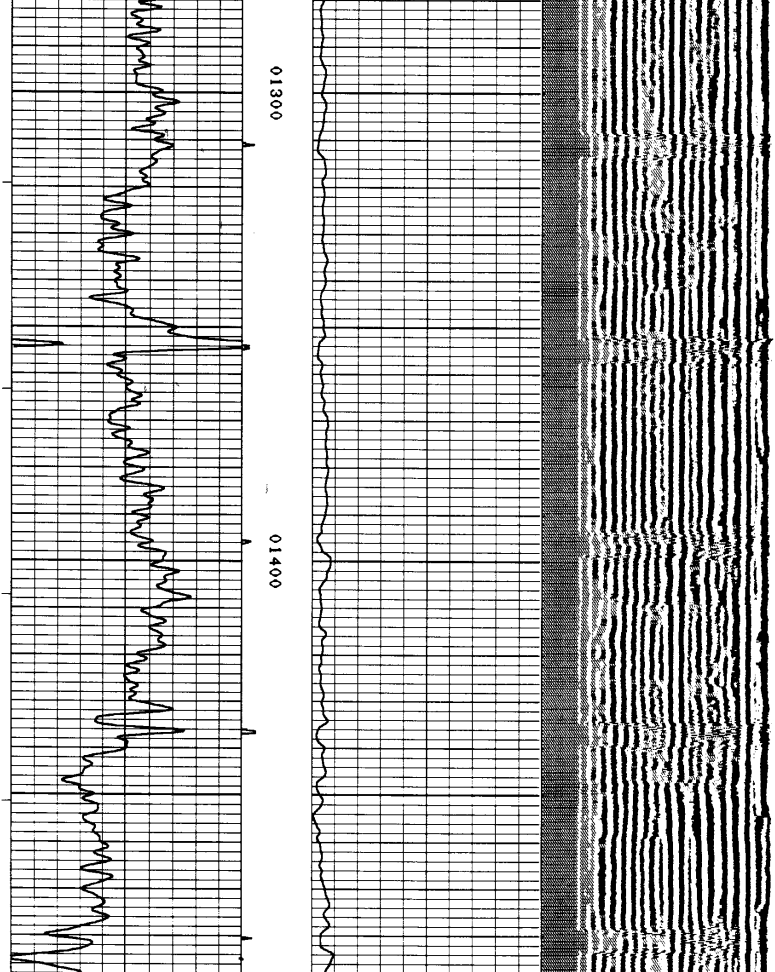
CCL CBL(%)

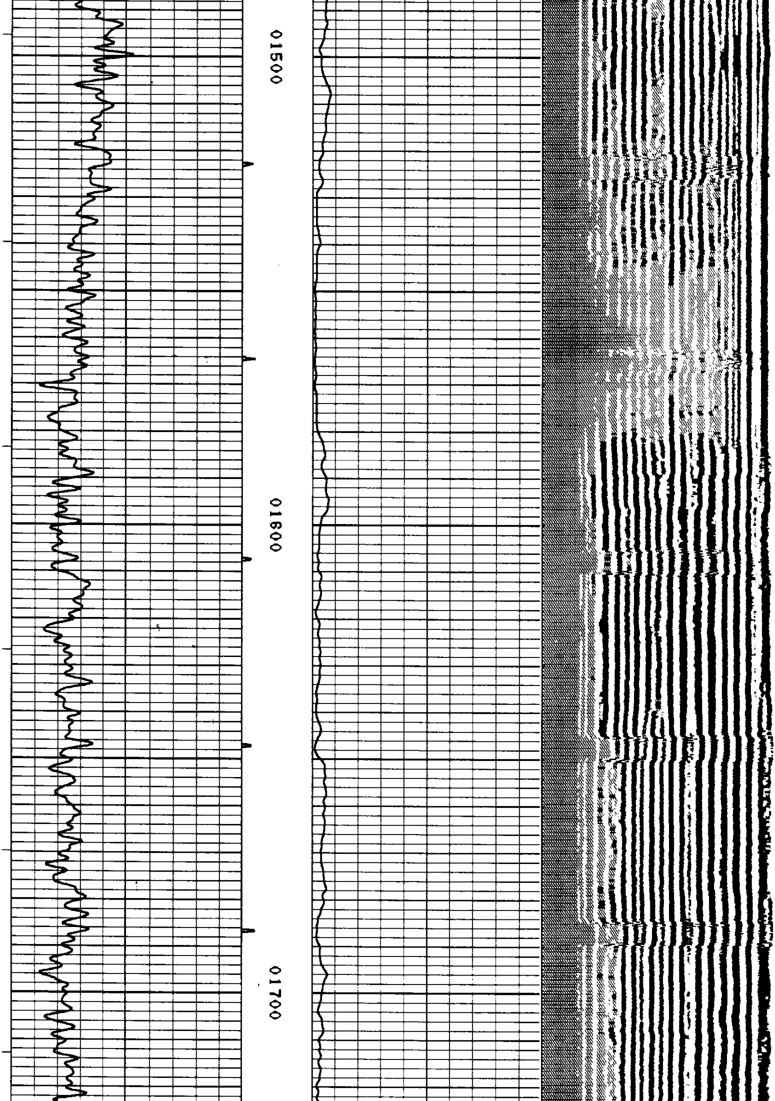
0100 0 100

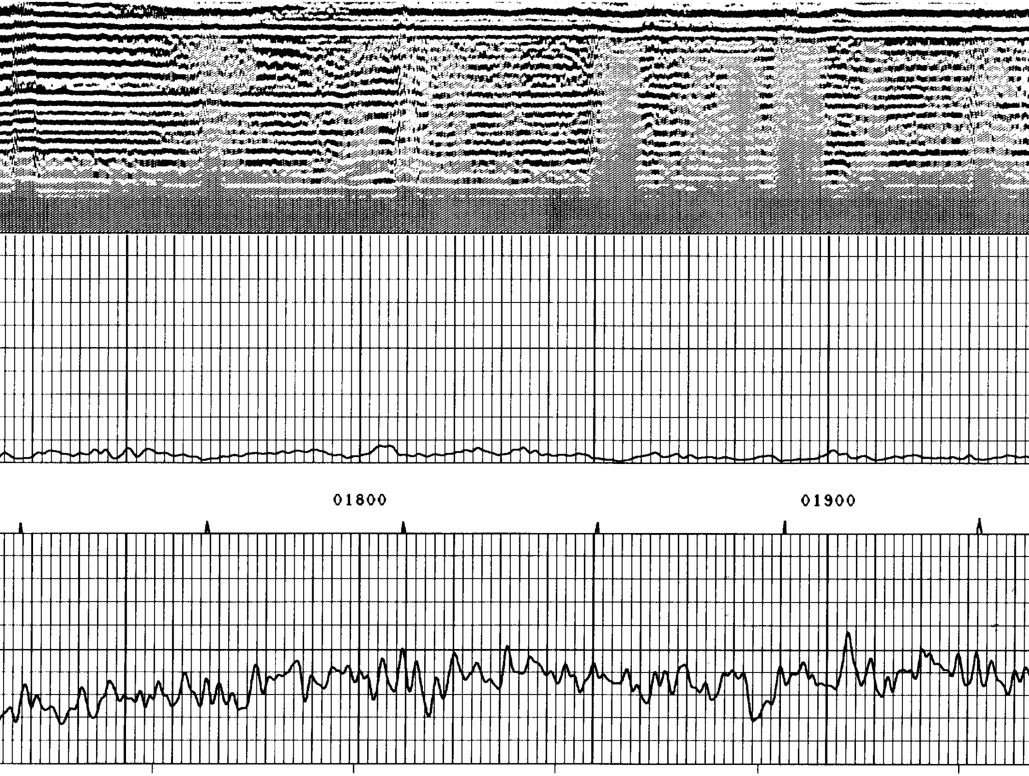


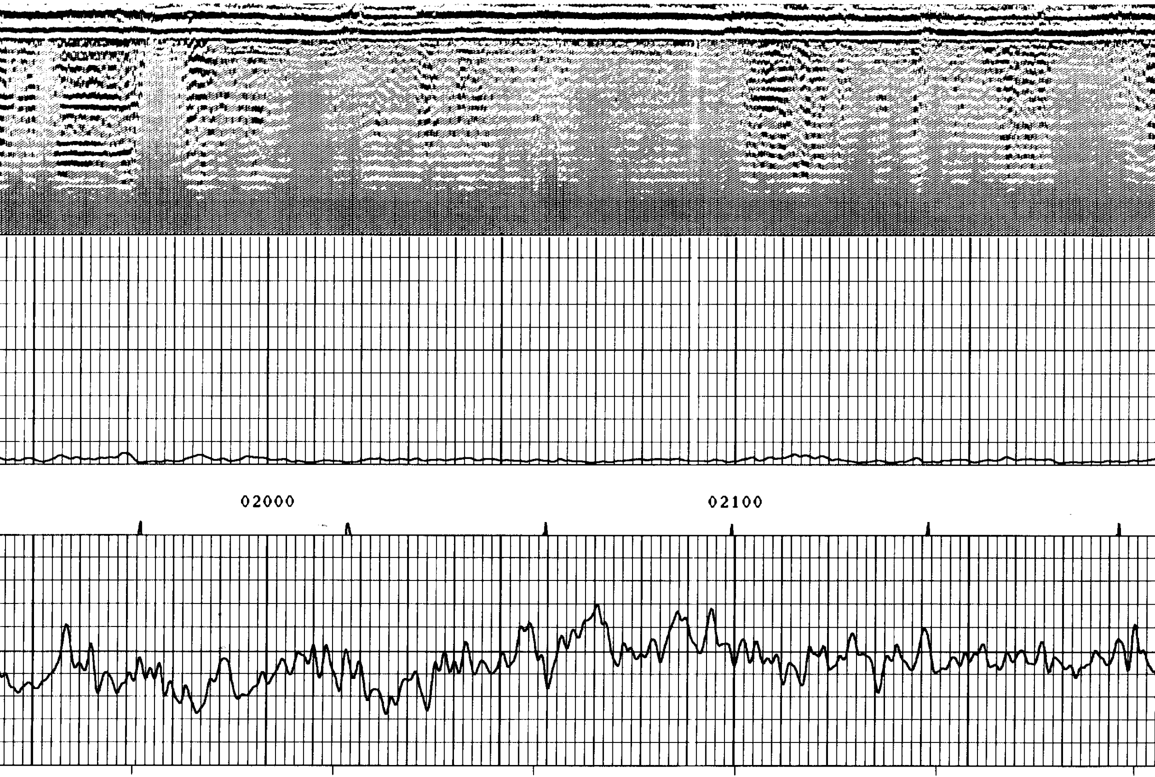


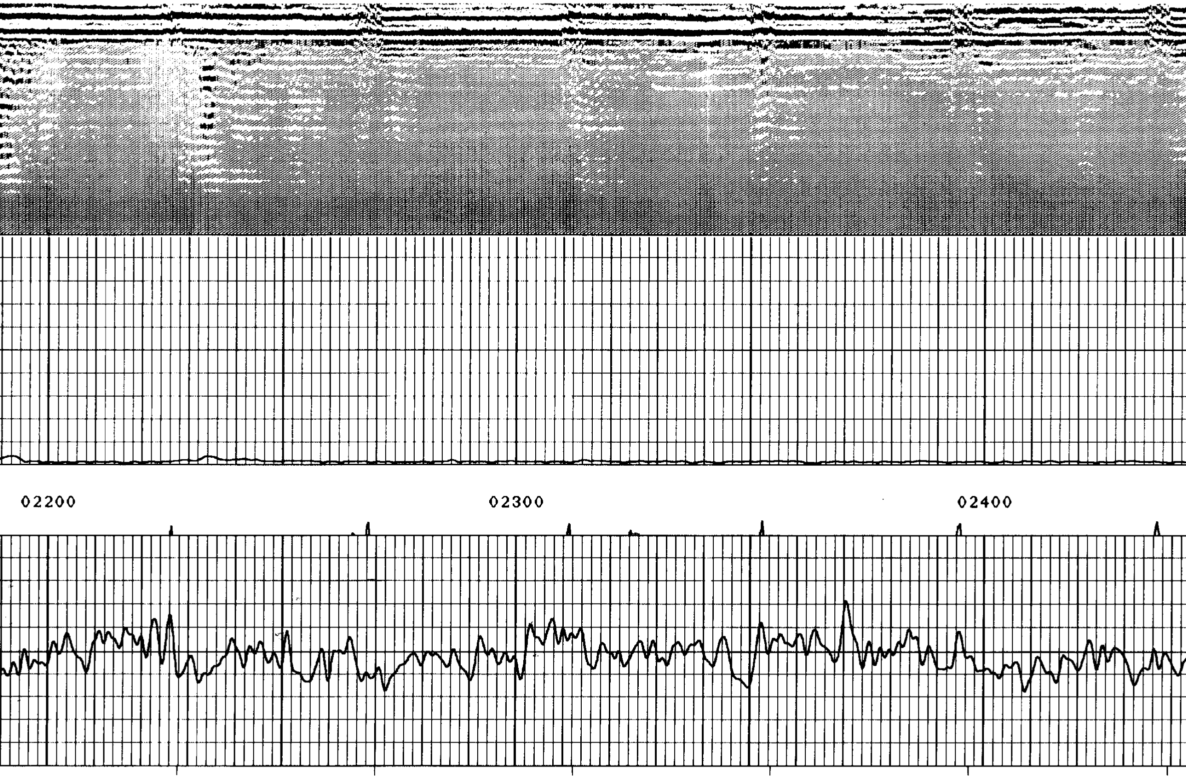


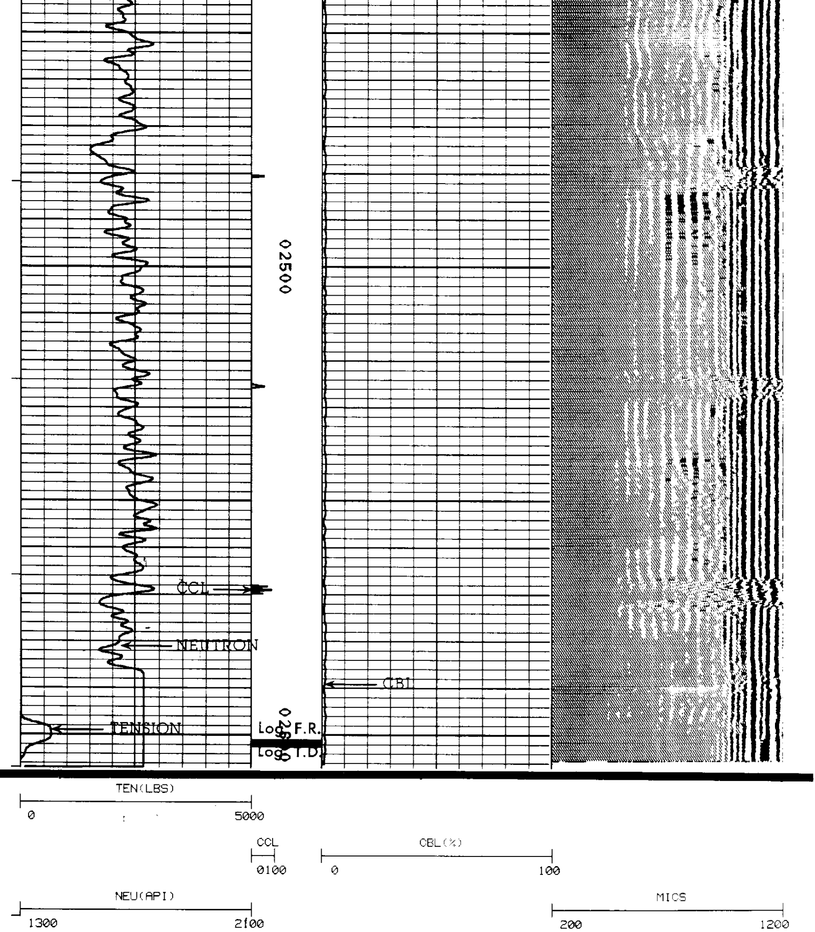












CURVE DELAYS

CURVE	DELAY	UNITS

```
NEU     19,6  FT,IN
CCL     15,0  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 23B-3

TRIP: 1

SERVICE: KC342M

FILE: 2

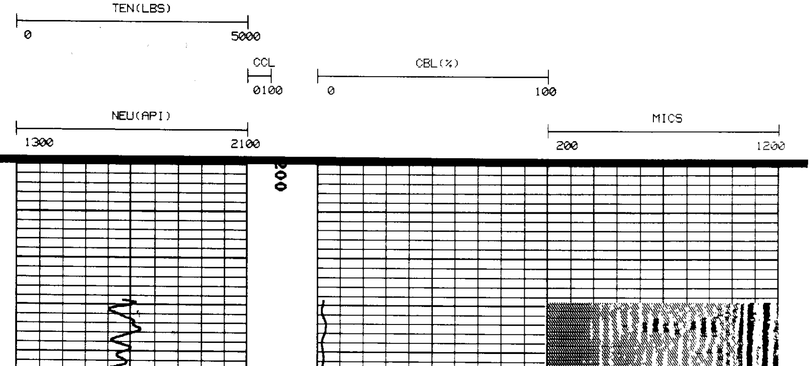
DATE: 06/29/88

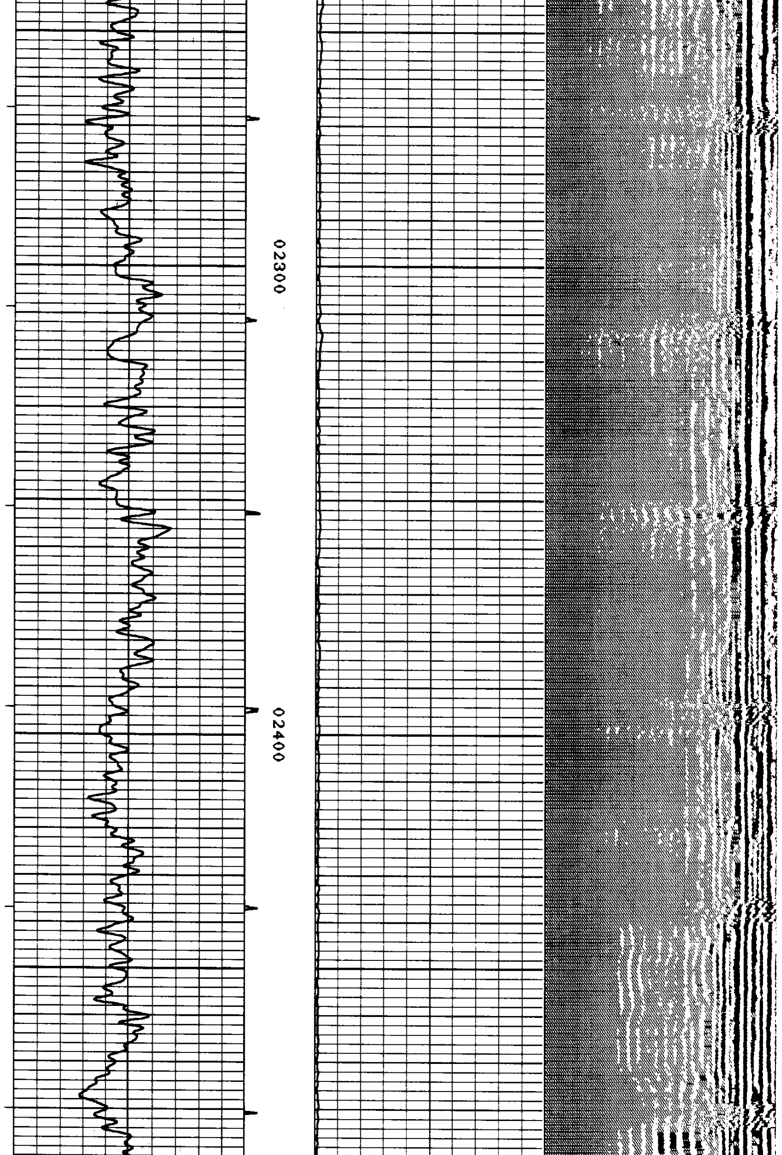
TIME: 17:50:45

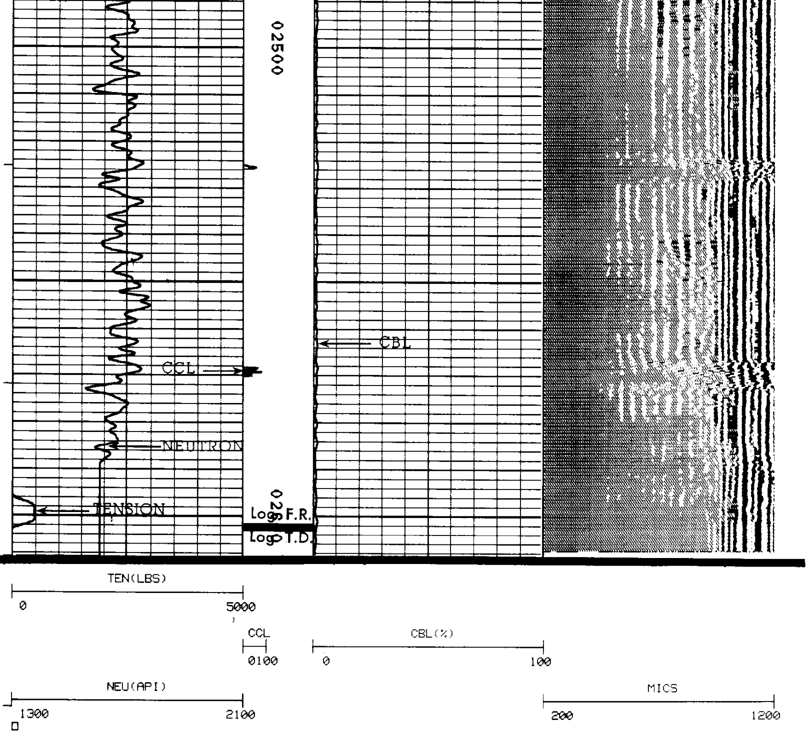
REVISION: FSYSAL REV D007 VER 7

REPEAT SECTION

MODE: RECORD







CURVE DELAYS

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

PARAMETERS

*** NONE ***

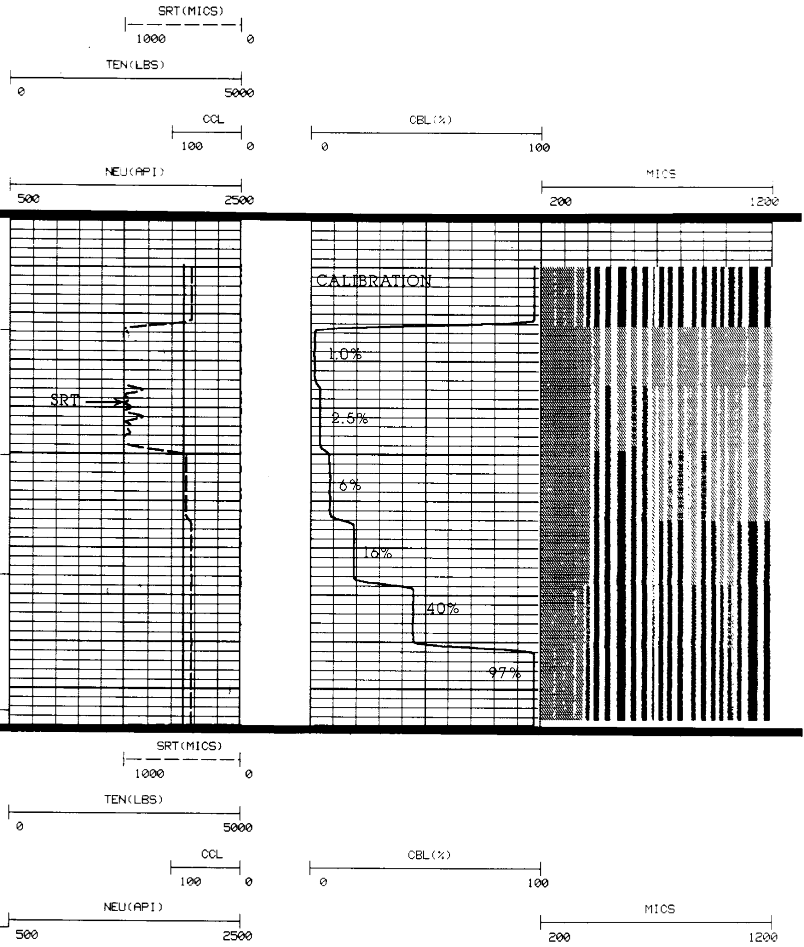
DISPLAY SCALE CHANGES

*** NONE ***

COMPANY: OREGON NATURAL GAS CORP
RUN: 1

WELL NAME: IW 23B-3
TRIP: 1

SERVICE: KC342M
FILE: 1
DATE: 06/29/88
TIME: 17:31:46

REVISION: FSYSAL REV D007 VER 7
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