ATLAS WIRELINE SERVICES

ACOUSTIC CEMENT BOND LOG

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
SEC3 TWP6N RGE5W

OTHER SERVICES

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	6/27/88		
RUN	1		
SERVICE ORDER	158840		
DEPTH-DRILLER	2615'		
DEPTH-LOGGER	2609'		
BOTTOM LOGGED INTERVAL	2602'		
TOP LOGGED INTERVAL	551'		
TYPE FLUID IN HOLE	GEL/DRISPAC		
SALINITY PPM CL.			
DENSITY LB/GAL.	9.5		
LEVEL	FULL		
MAX. REC. TEMP. DEG. F			
OPR. RIG TIME	3 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	CBL	728222	1417	CENT
1	1	NEU	74448	2404	CENT
1	1	CCL		2318	CENT

COMPANY: OREGON NATURAL GAS CORP

WELL NAME: IW 23B-3

SERVICE: KC342M

FILE: 4

DATE: 07/06/88

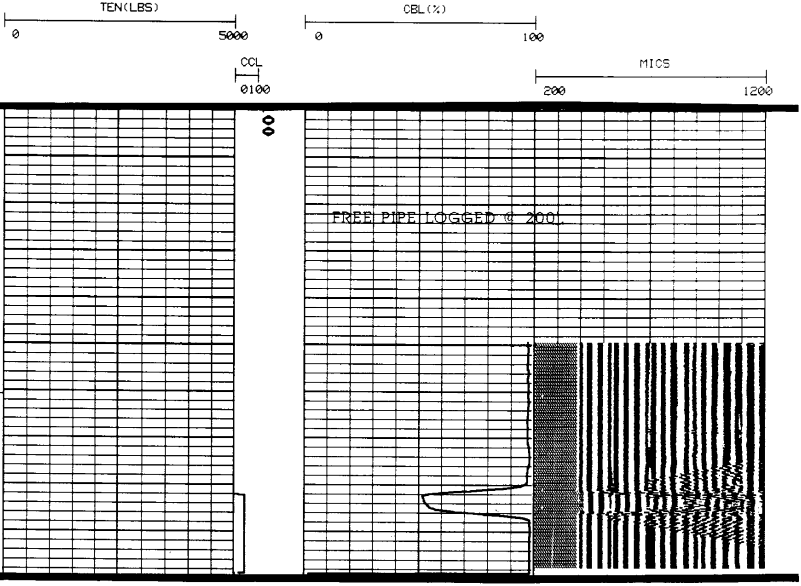
TIME: 14:17:35

REVISION: FSYSAL REV D007 VER 7

RUN: 1

TRIP: 1

MODE: RECORD



FREE PIPE LOGGED @ 200'.

TEN(LBS) 0 5000

CBL(%) 0 100

CCL 0100

MICS 200 1200

CURVE DELAYS

CURVE	DELAY	UNITS
NEU	19,6	FT,IN
CCL	15,3	FT,IN
SRT	0	FT,IN
MICS	0	FT,IN
CBL	0	FT,IN

PARAMETERS

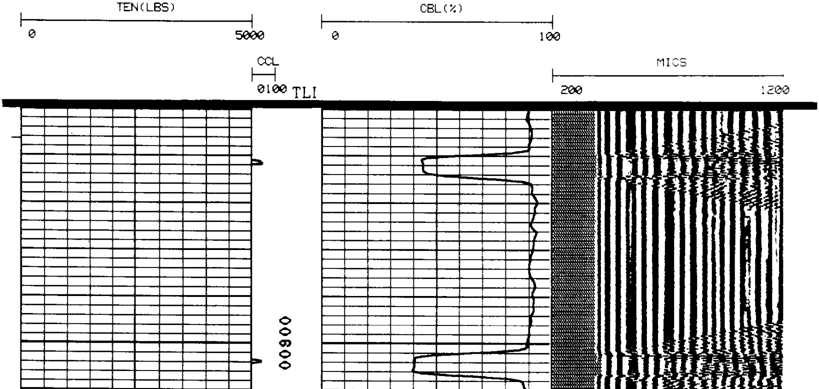
*** NONE ***

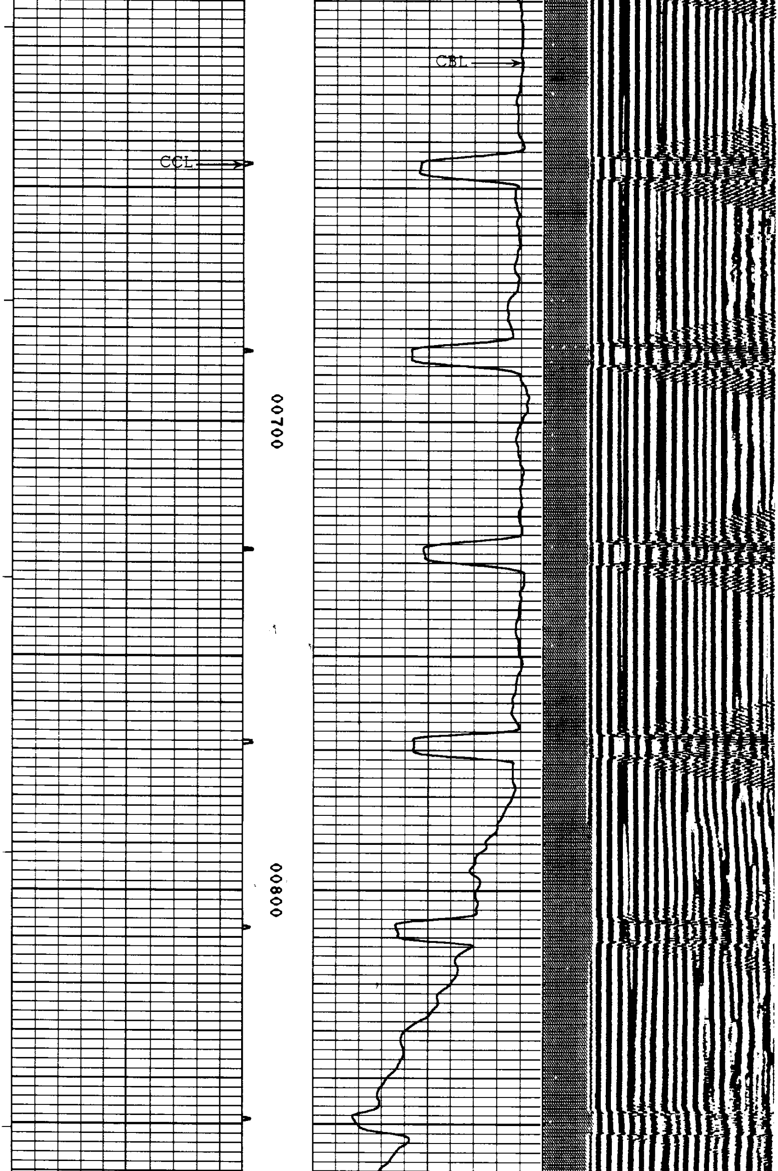
DISPLAY SCALE CHANGES

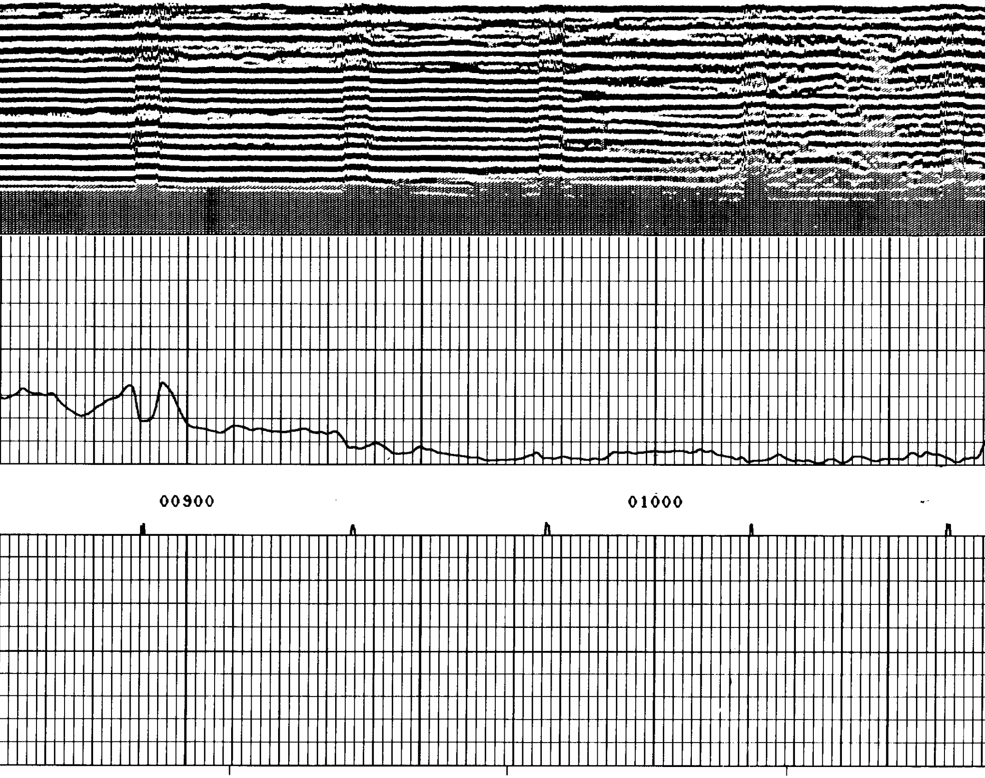
*** NONE ***

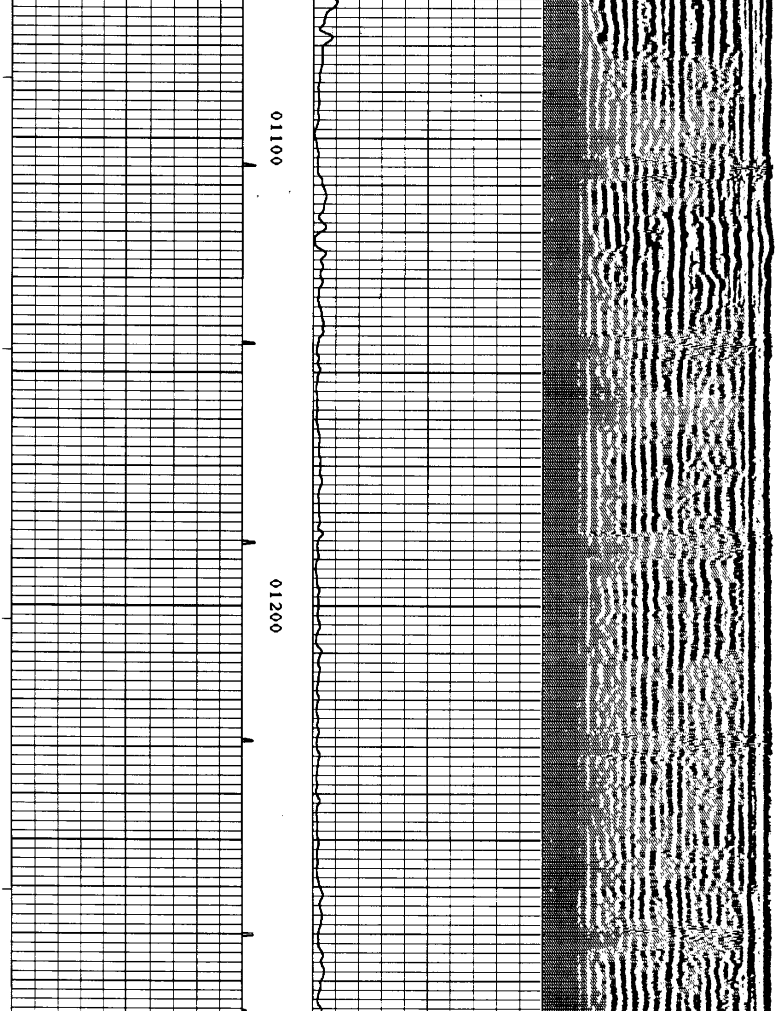
COMPANY: OREGON NATURAL GAS CORP
WELL NAME: IW 23B-3
SERVICE: KC342M FILE: 3 DATE: 07/06/88
REVISION: FSYSAL REV D007 VER 7

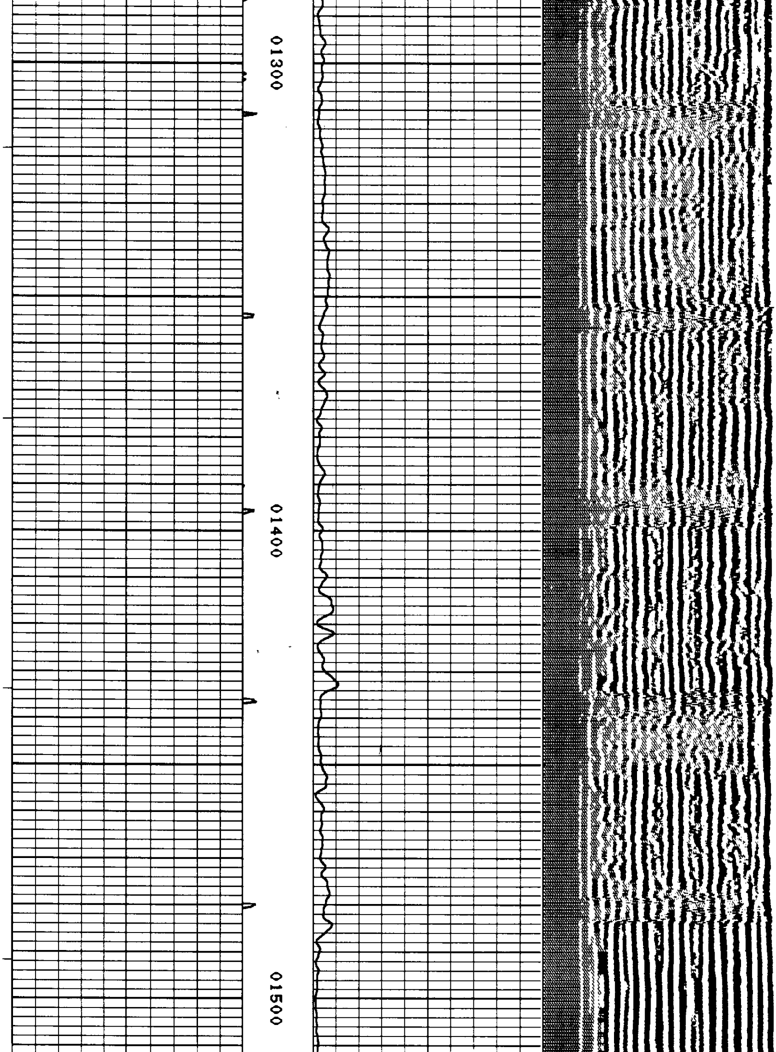
RUN: 1
TRIP: 1
TIME: 13:39:20
MODE: RECORD

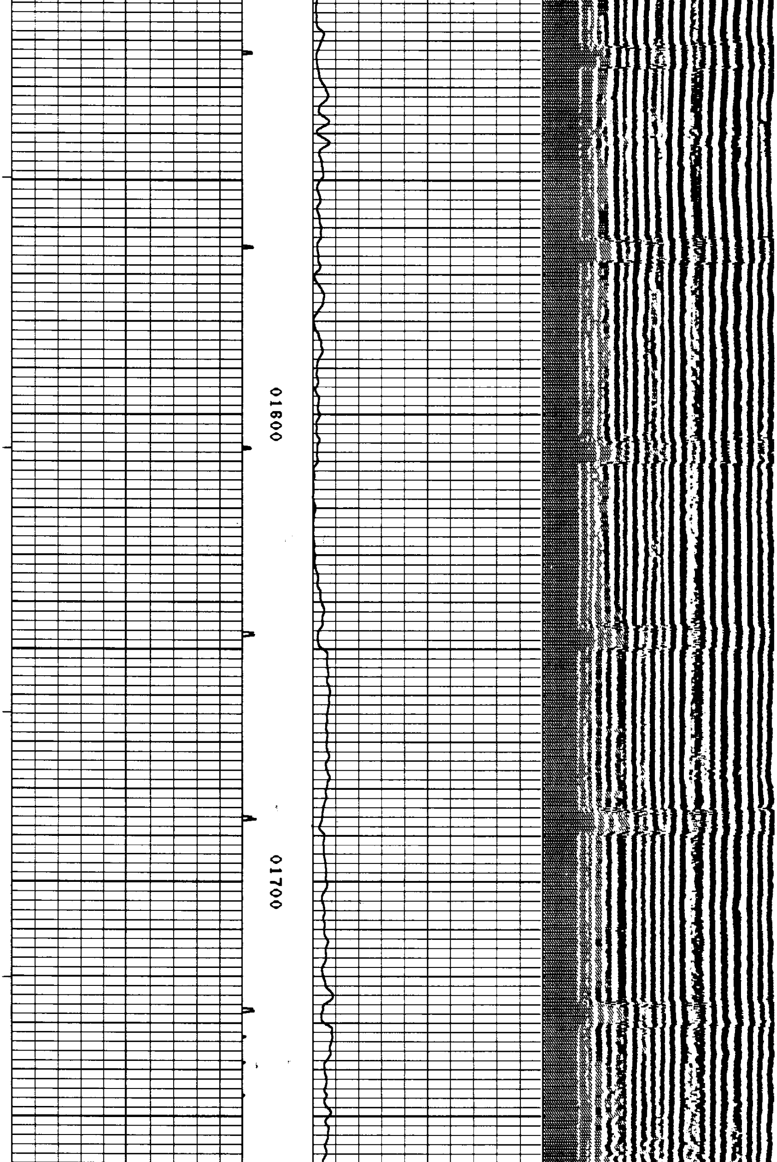


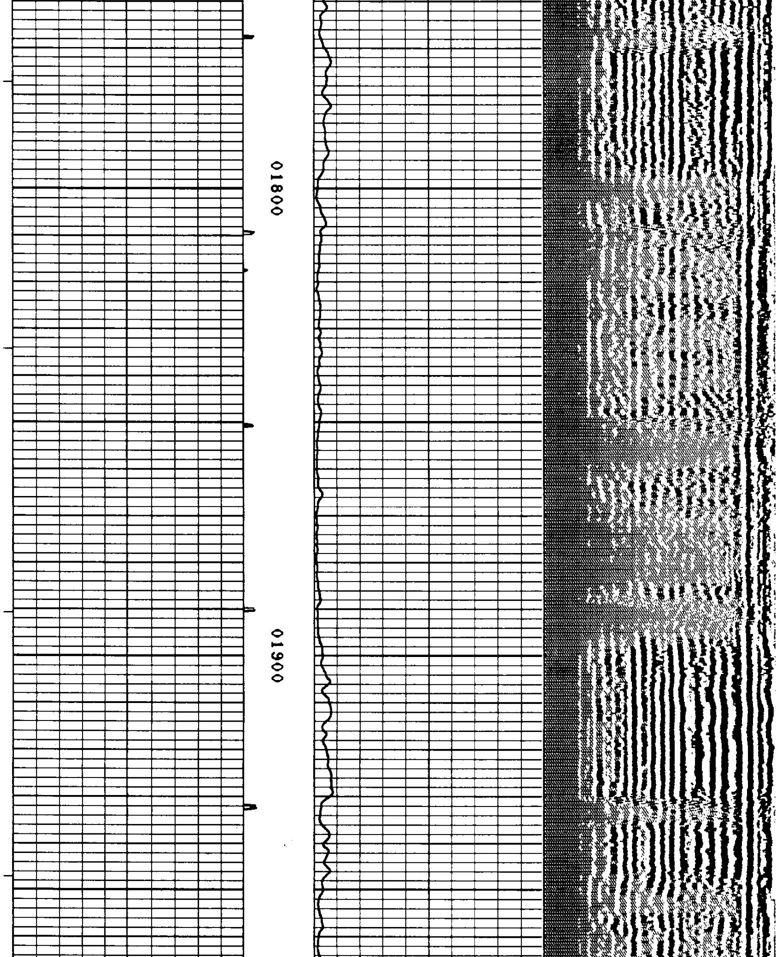


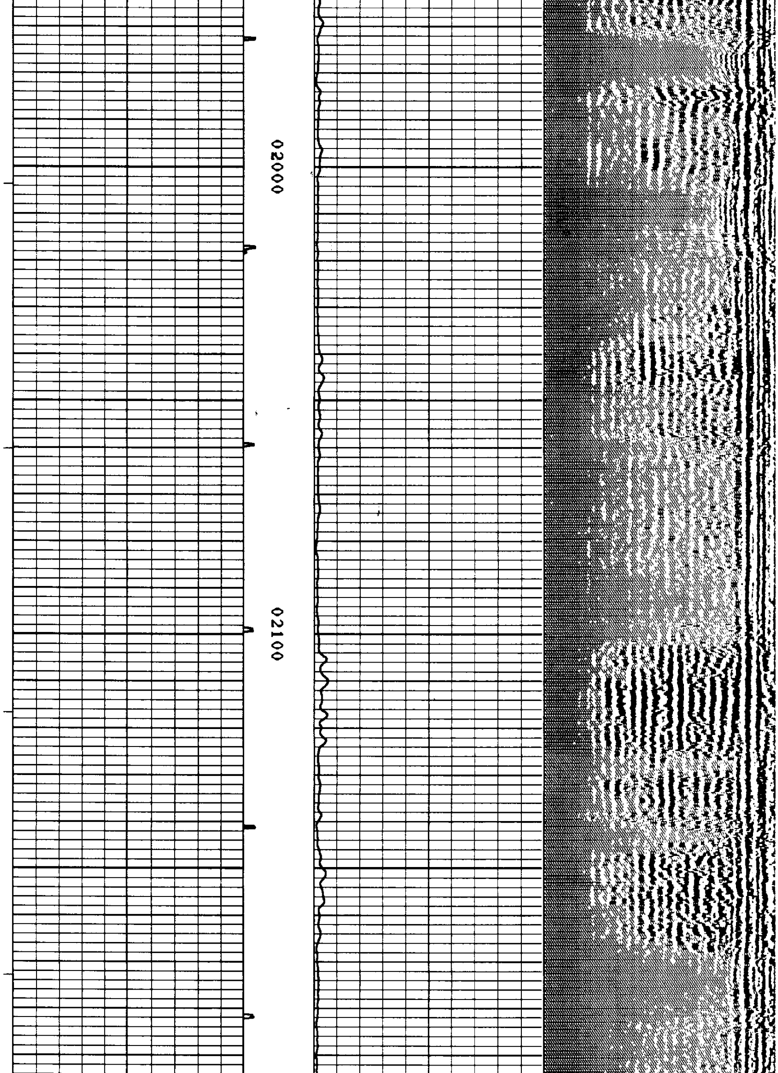


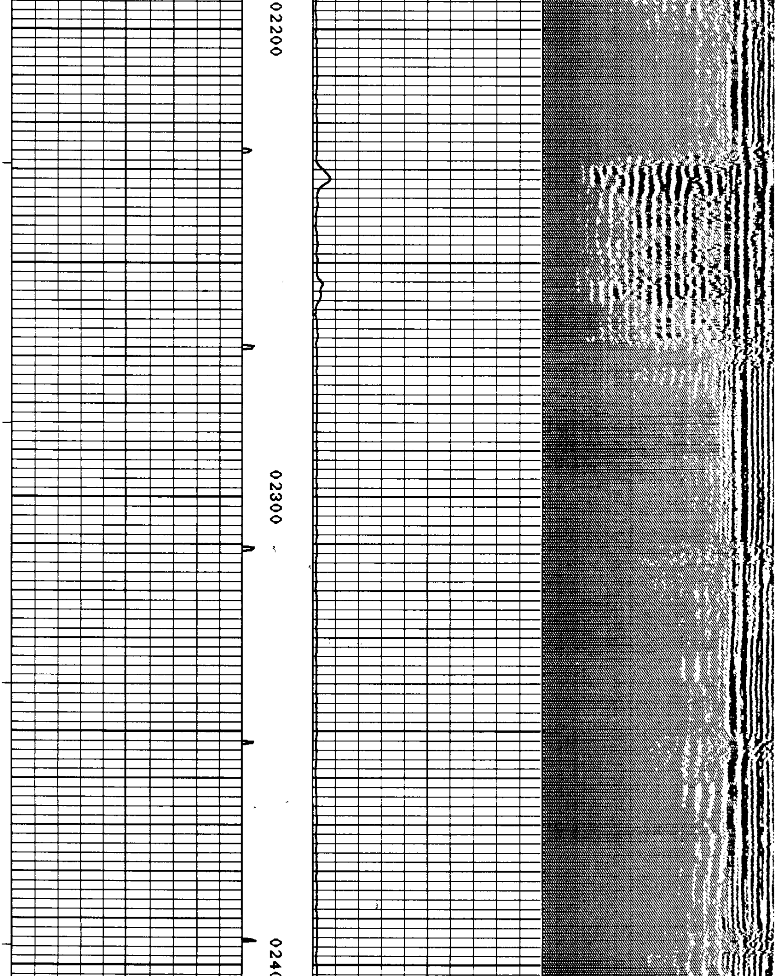


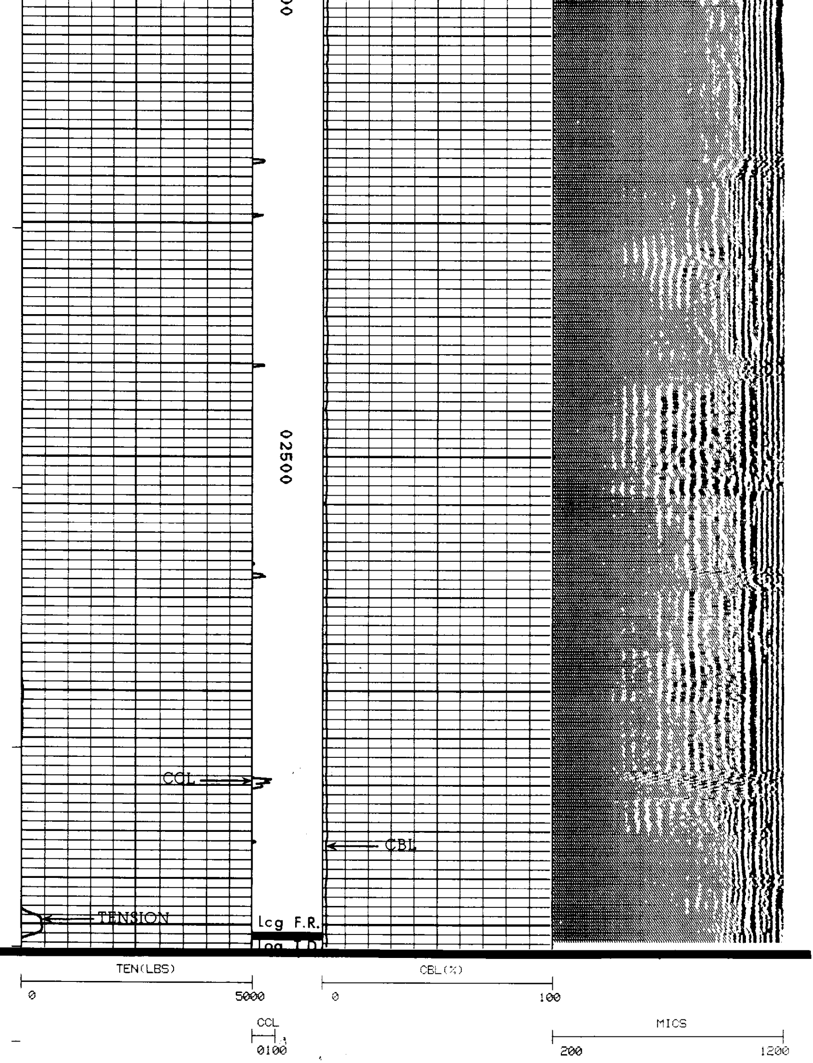












CURVE DELAYS

CURVE	DELAY	UNITS
NEU	19,6	FT,IN
CCL	15,3	FT,IN
SRT	0	FT,IN
MICS	0	FT,IN
CBL	0	FT,IN

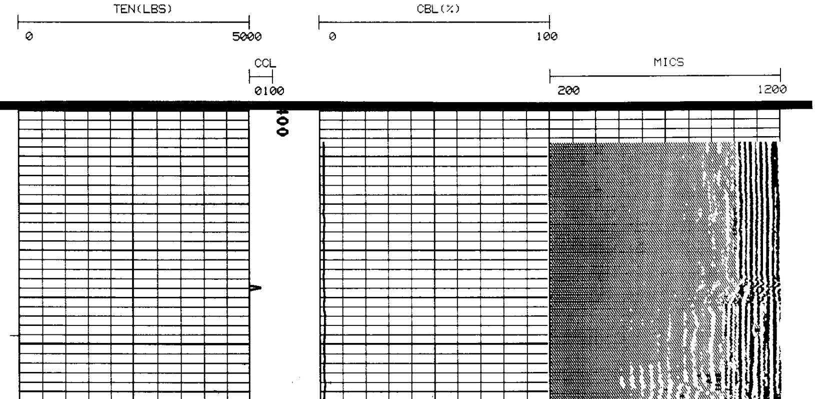
PARAMETERS

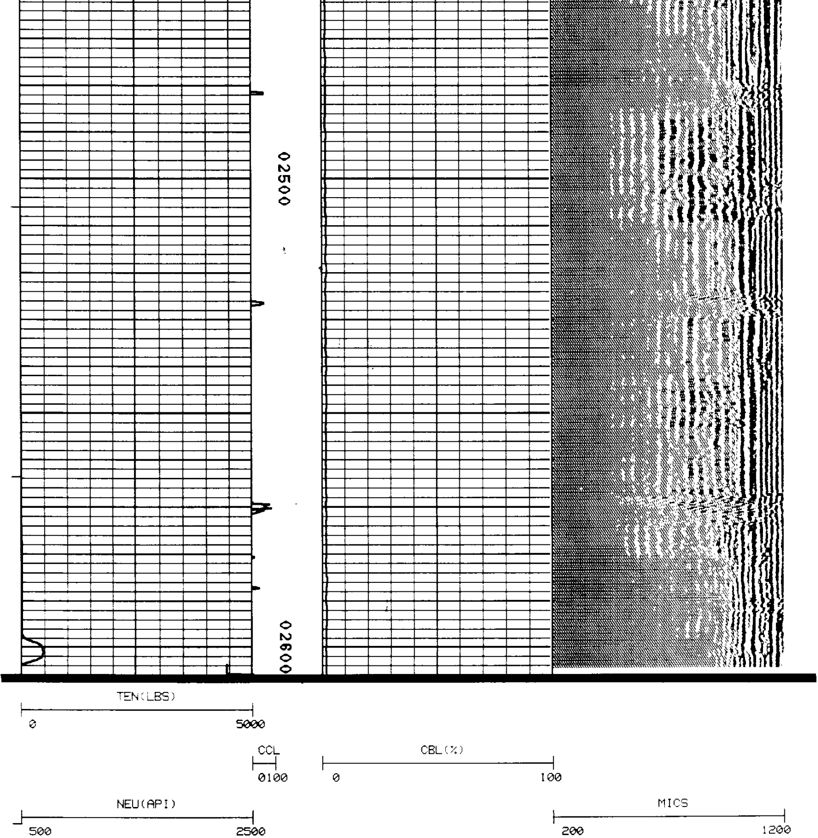
*** NONE ***

DISPLAY SCALE CHANGES

*** NONE ***

COMPANY: OREGON NATURAL GAS CORP			RUN: 1
WELL NAME: IW 23B-3			TRIP: 1
SERVICE: KC342M	FILE: 2	DATE: 07/06/88	TIME: 13:33:20
REVISION: FSYSAL REV D007 VER 7		**REPEAT SECTION**	MODE: RECORD





CURVE DELAYS

CURVE	DELAY	UNITS
NEU	12,6	FT,IN
CCL	17,9	FT,IN
SRT	0	FT,IN
MICS	0	FT,IN
CBL	0	FT,IN

PARAMETERS

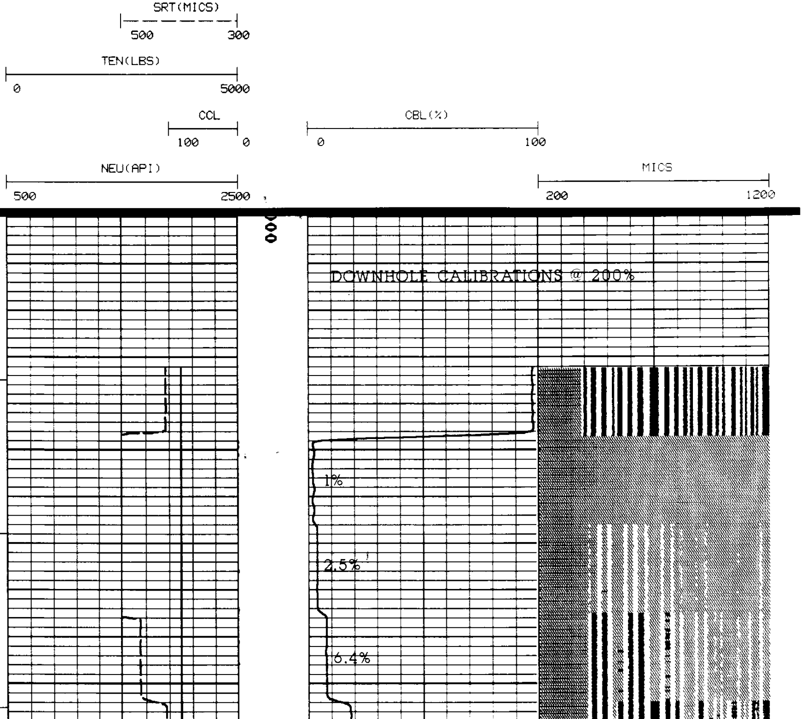
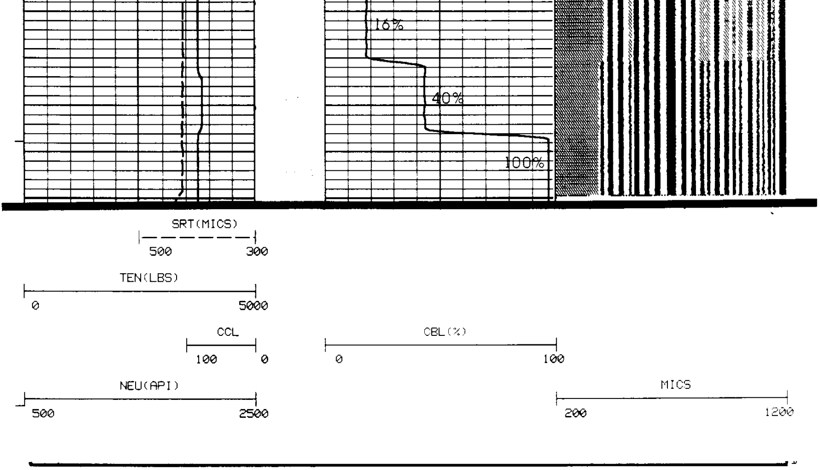
*** NONE ***

DISPLAY SCALE CHANGES

*** NONE ***

COMPANY: OREGON NATURAL GAS CORP
RUN: 1
WELL NAME: IW 23B-3
TRIP: 1
SERVICE: KC342M
FILE: 1
DATE: 07/06/88
TIME: 13:17:50
REVISION: FSYSAL REV D007 VER 7

REPEAT SECTION

MODE: RECORD