RECEIVED-PTLD
DEPT OF G[illegible]GY & M[illegible]AL [illegible]IS
MAR 10 1980

Scanned

Welex
5"=100'

COMPENSATED ACOUSTIC VELOCITY LOG

COMPANY OREGON NATURAL GAS DEV. CORP.
WELL GROWN ZELLERBACK NO.1
FIELD TILLAMOOK AREA
County TILLAMOOK State OREG.

COMPANY OREGON NATURAL GAS DEVELOPEMENT CORP.
WELL GROWN ZELLERBACK NO. 1
FIELD TILLAMOOK AREA
COUNTY TILLAMOOK STATE OREGON
Location 1714' SOUTH & 2059' EAST OF THE NORTHWEST CORNER OF: (W.B.& M.)
Sec. 13 Twp 2S Rge 10W

Other Services:
IEL
DIP
SWC

Permanent Datum GL Elev. 199.7
Log Measured From KB OR 10.8 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 210.5
D.F. -
G.L. 199.7

Date	1-6-80			
Run No.	ONE			
Depth—Driller	6158			
Depth—Welex	6149			
Btm. Log Inter.	6143			
Top Log Inter.	666			
Casing—Driller	8 5/8@ 667	@	@	@
Casing—Welex	666			
Bit Size	7 7/8			
Type Fluid in Hole	LIGNO SULF			
Dens. | Visc.	79 | 51	|	|	|
pH | Fluid Loss	10.5 | 3.8 ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	2.88@ 38 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.57@ 38 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	3.06@ 38 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	|	|	|
R_m @ BHT	0.76 @ 143°F	@ °F	@ °F	@ °F
Time Since Circ.	3 1/2 HOURS			
Max. Rec. Temp.	143°F @ BHT	°F @	°F @	°F @
Equip. | Location	9430 | WDLND	|	|	|
Recorded By	DOVE			
Witnessed By	W.BRUER, J.CLARE			

Fold Here

Service Ticket No. 048984 Remarks:

Change in Mud Type or Additional Samples

Date | Sample No.	|	|
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.	|	|
ph | Fluid Loss	| ml	|
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} | R_{mc}	|	|
R_m @ BHT	0.76 @143°F	@ °F
R_{mf} BHT	0.68 @143°F	@ °F
R_{mc} BHT	0.81 @143°F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole
VELOSITY	3830	150 - 50	120 - 20

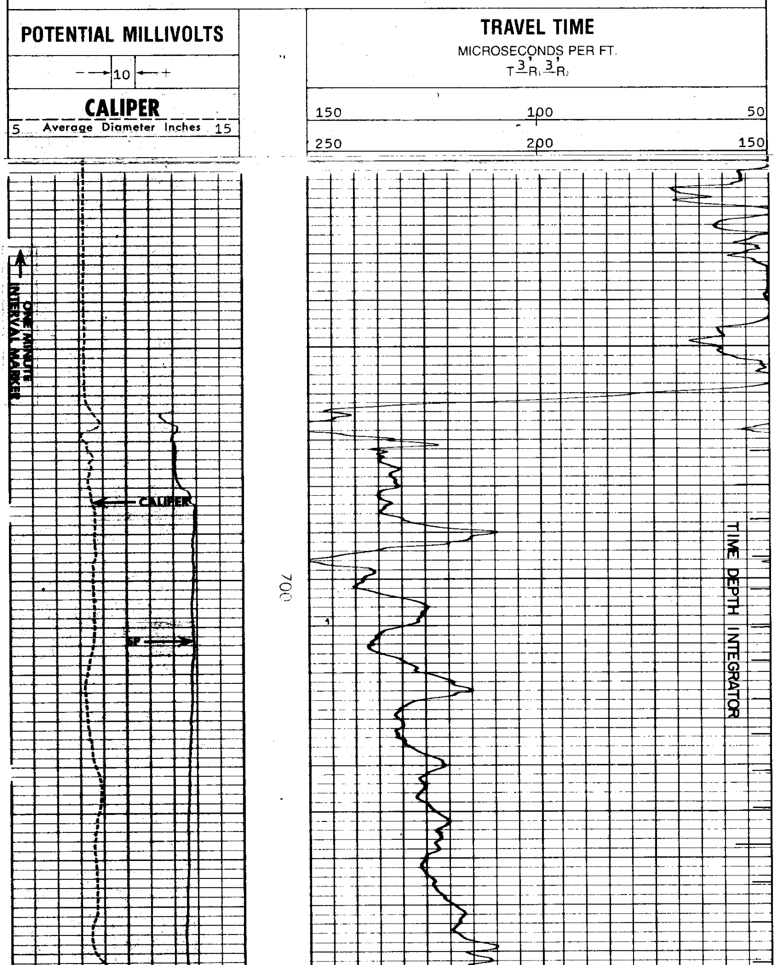
EQUIPMENT DATA

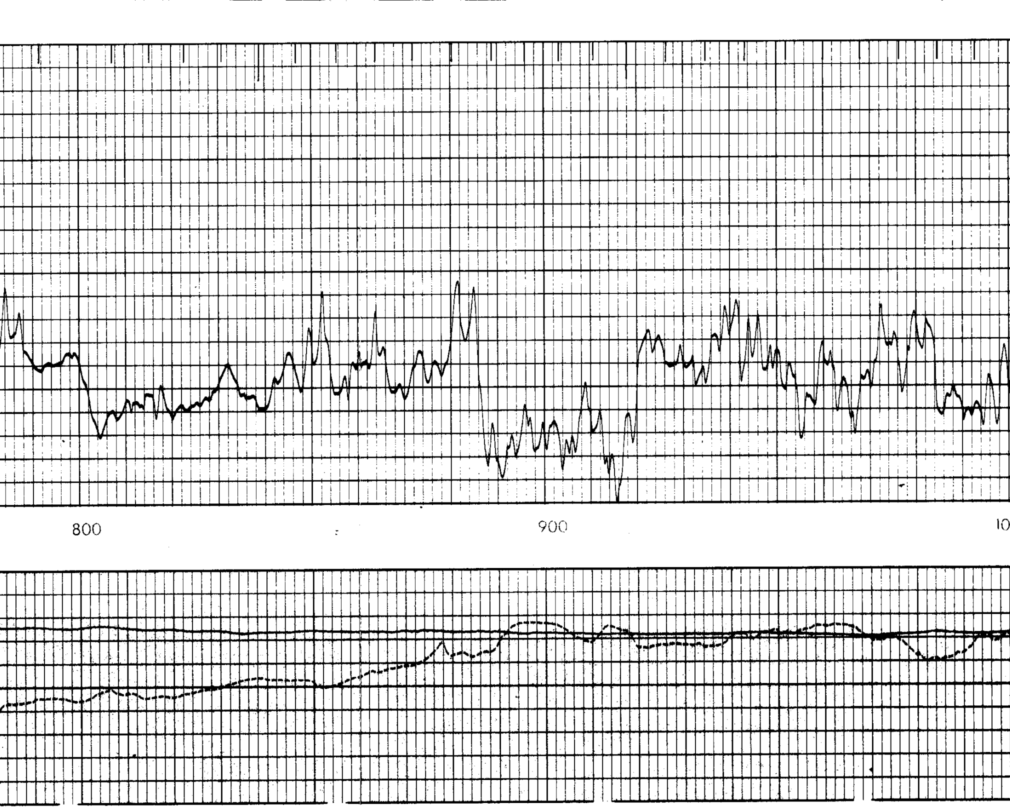
Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	VEL. 15062		CENT.	

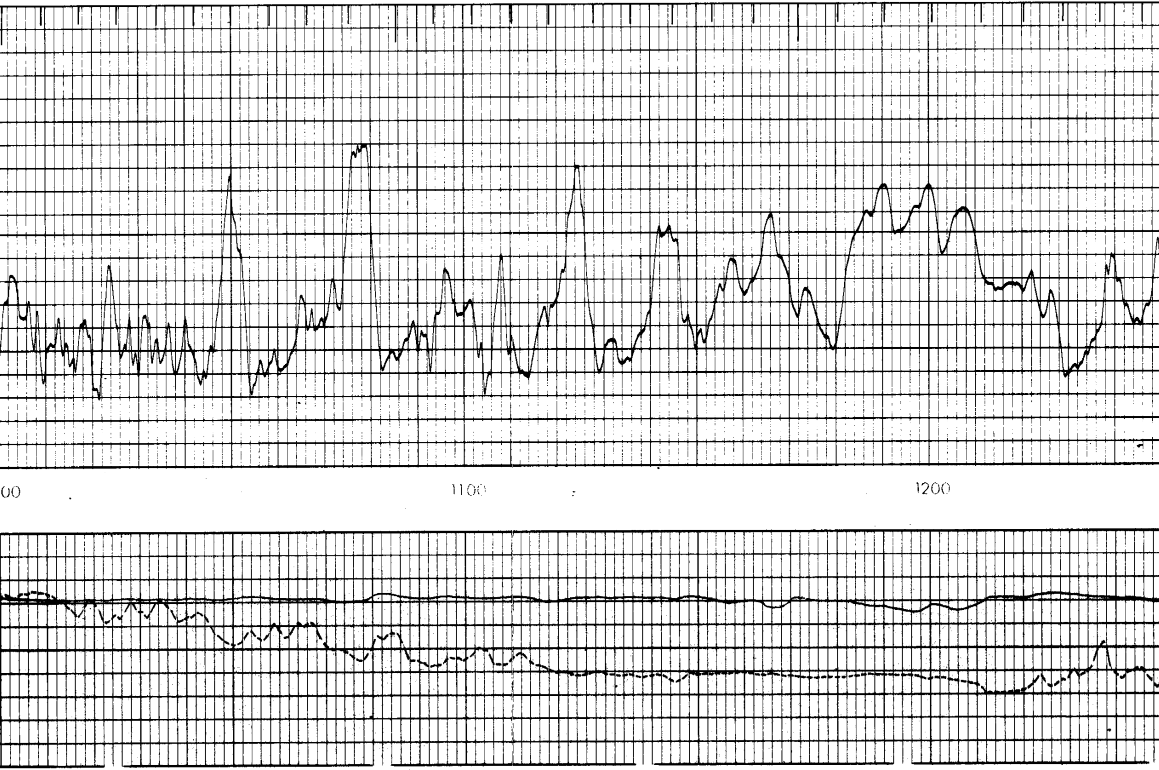
REPEAT RUN AT TOP OF HOLE BY CUSTOMER REQUEST DUE TO HOLE CONDITION

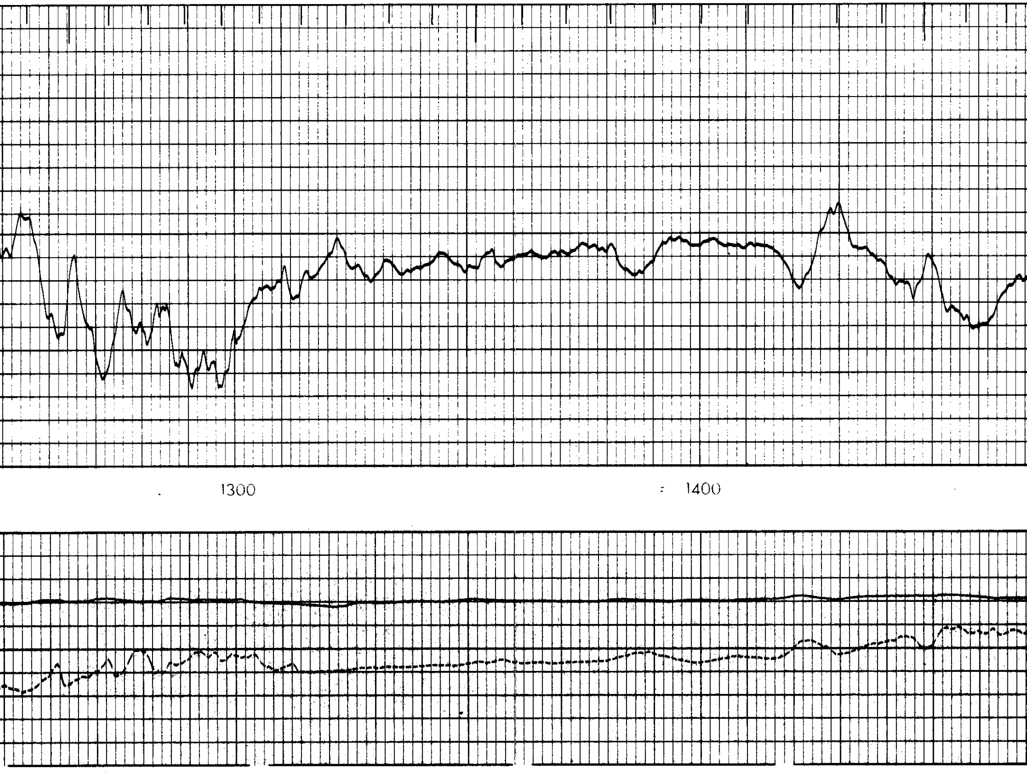
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible, except where due to gross negligence or wilful misconduct, for any loss, damages, or expenses resulting from the use thereof.

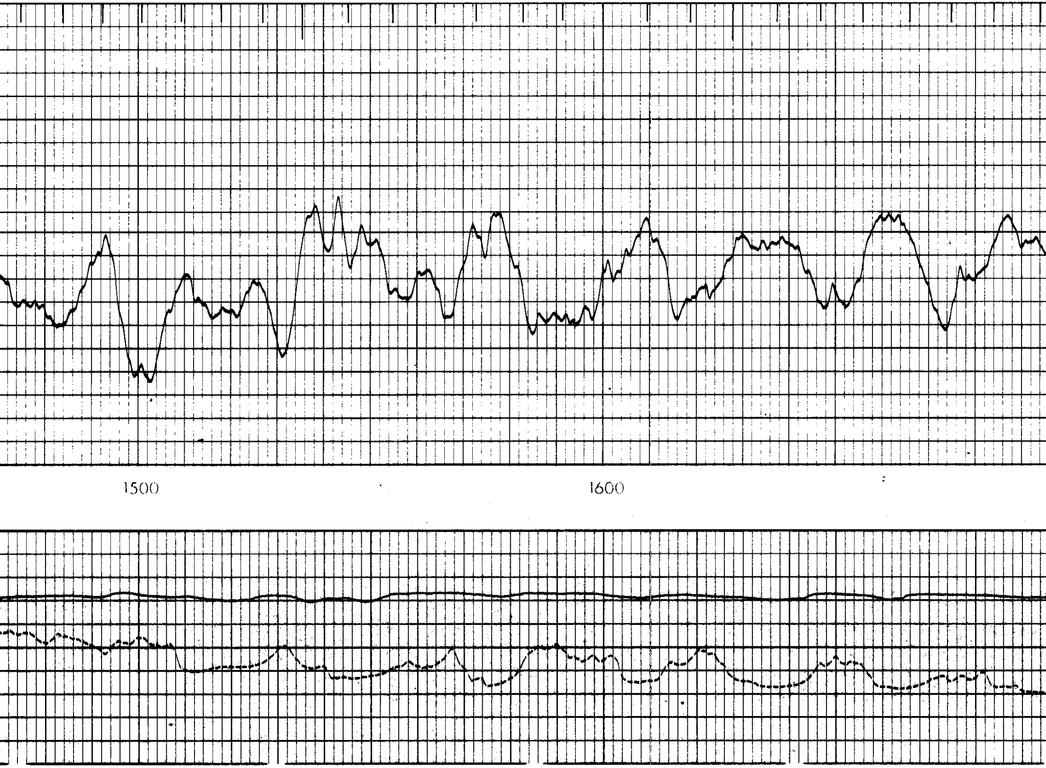
5" = 100'

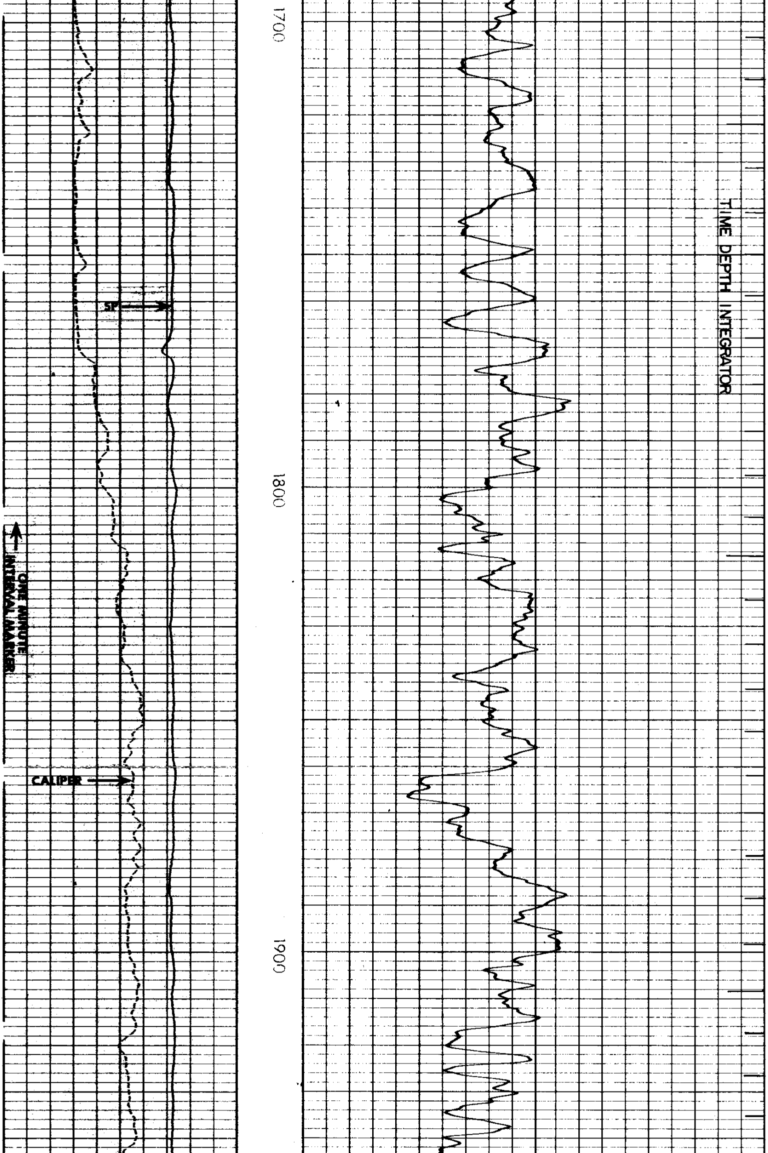


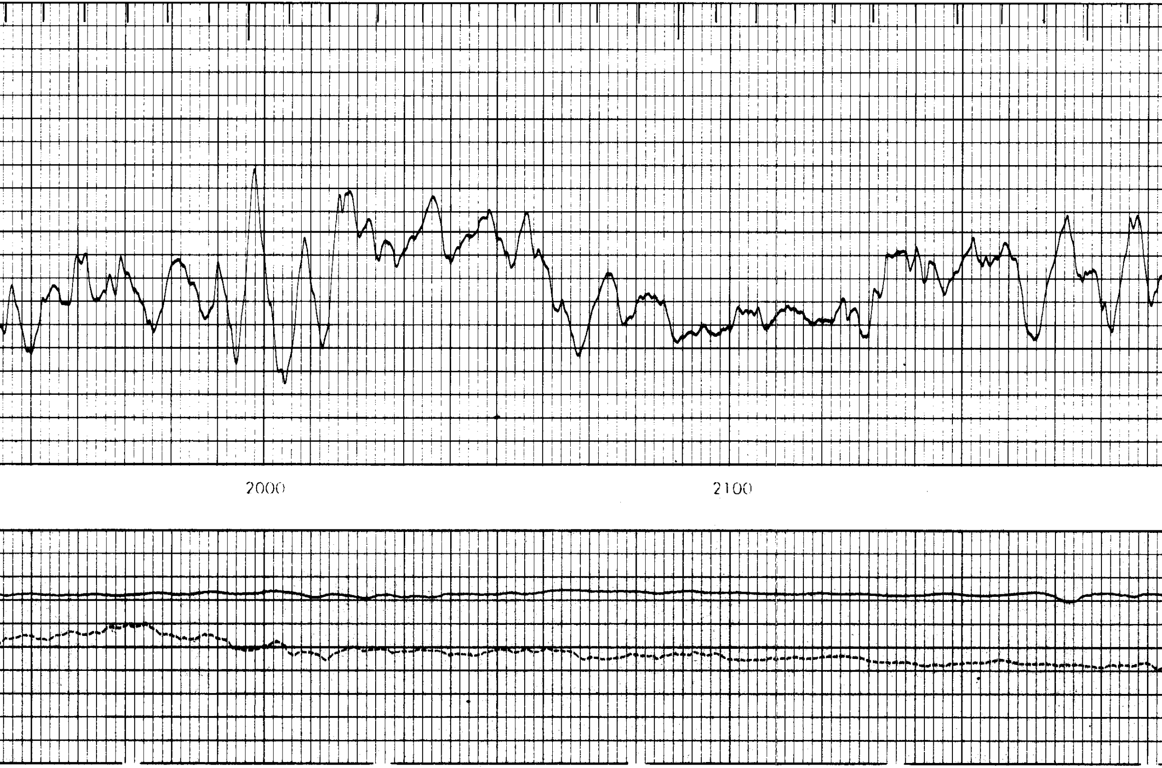


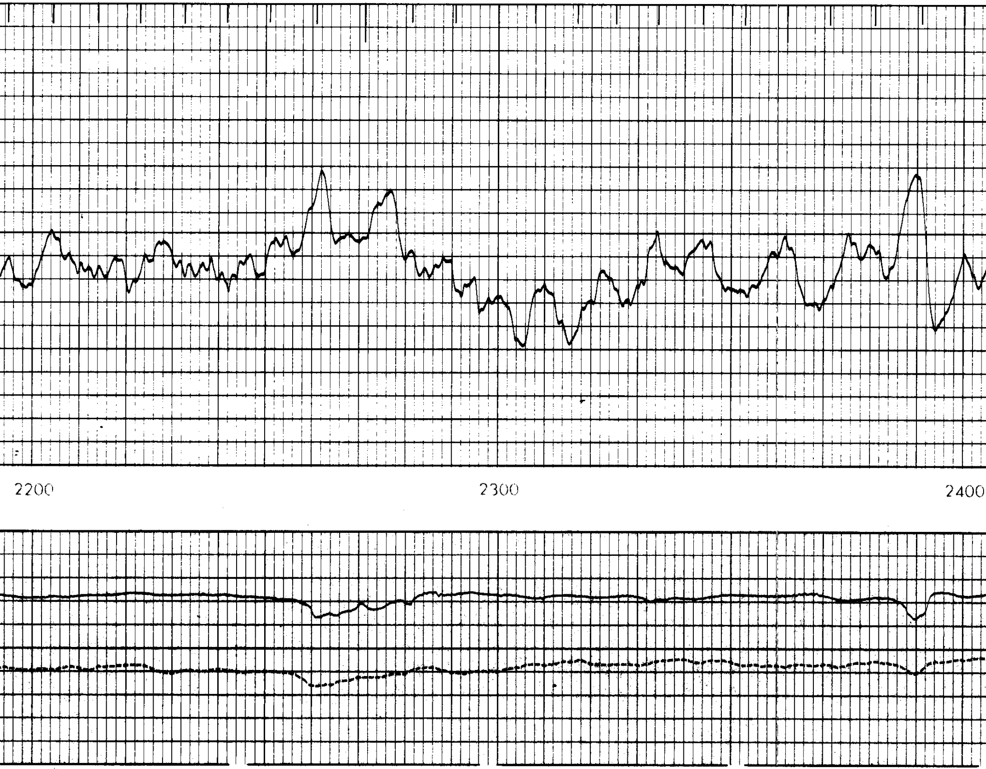


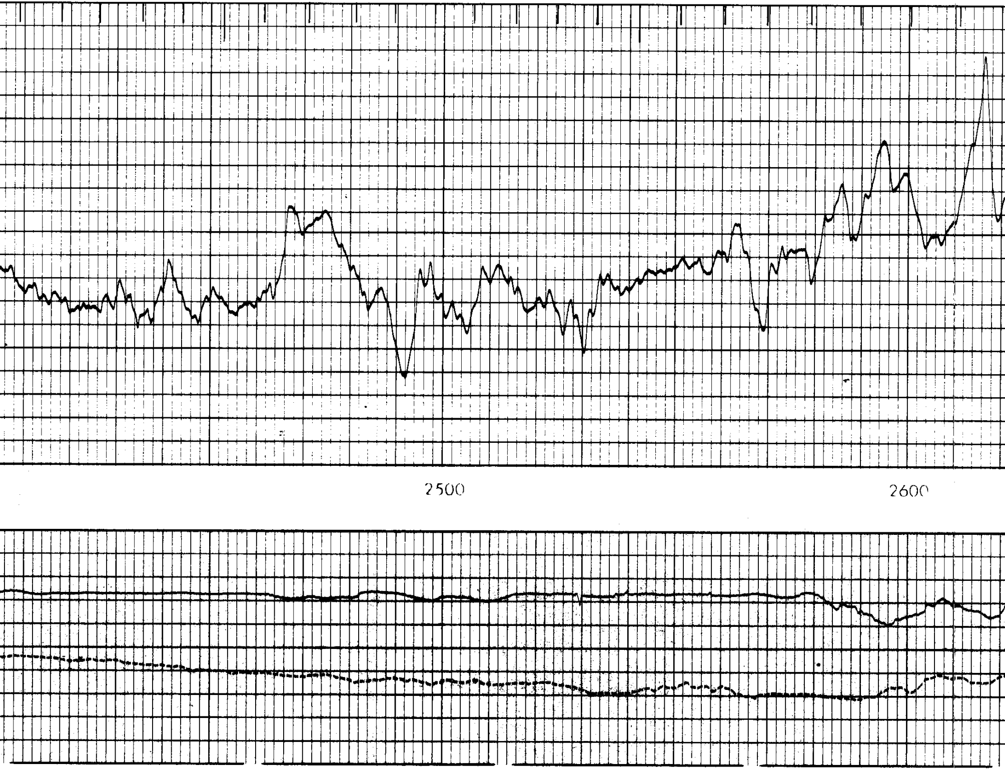


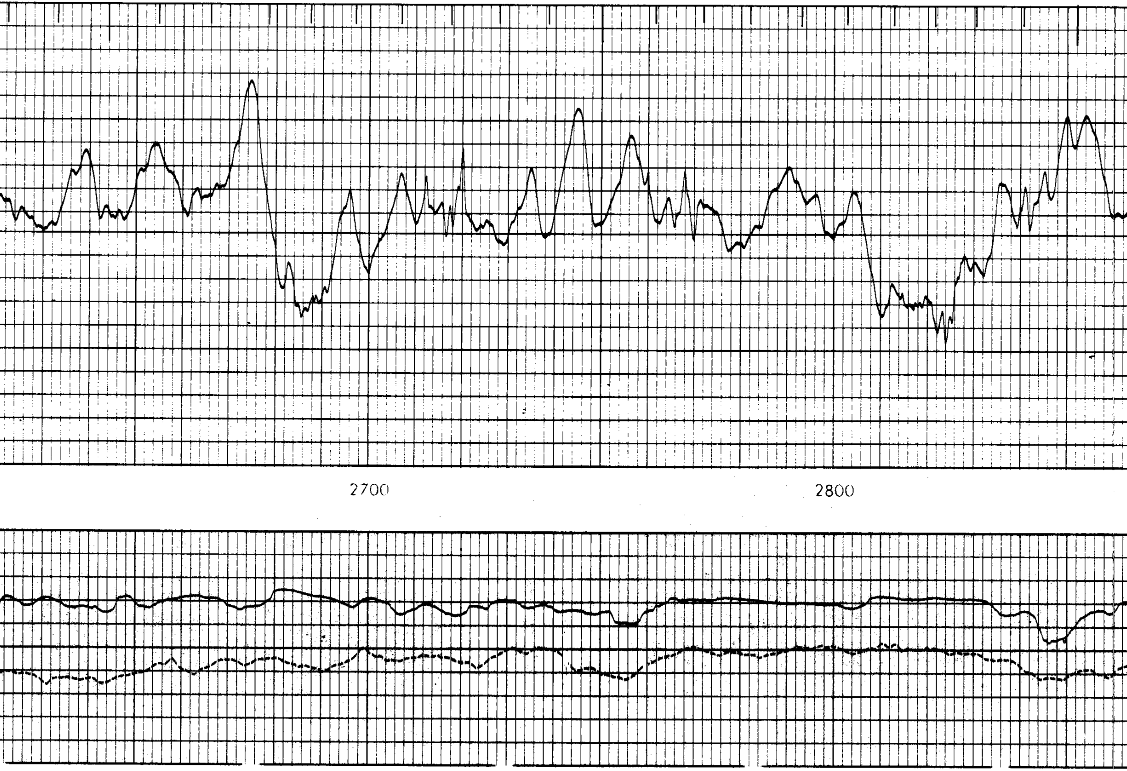


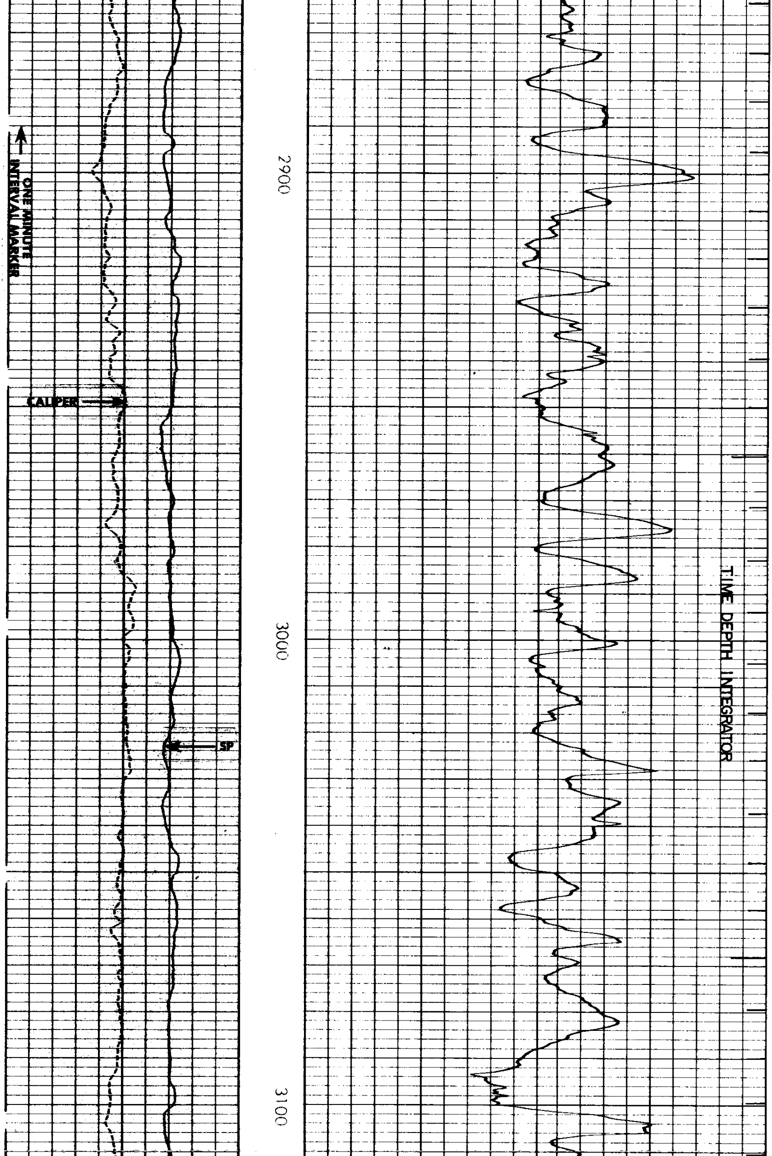


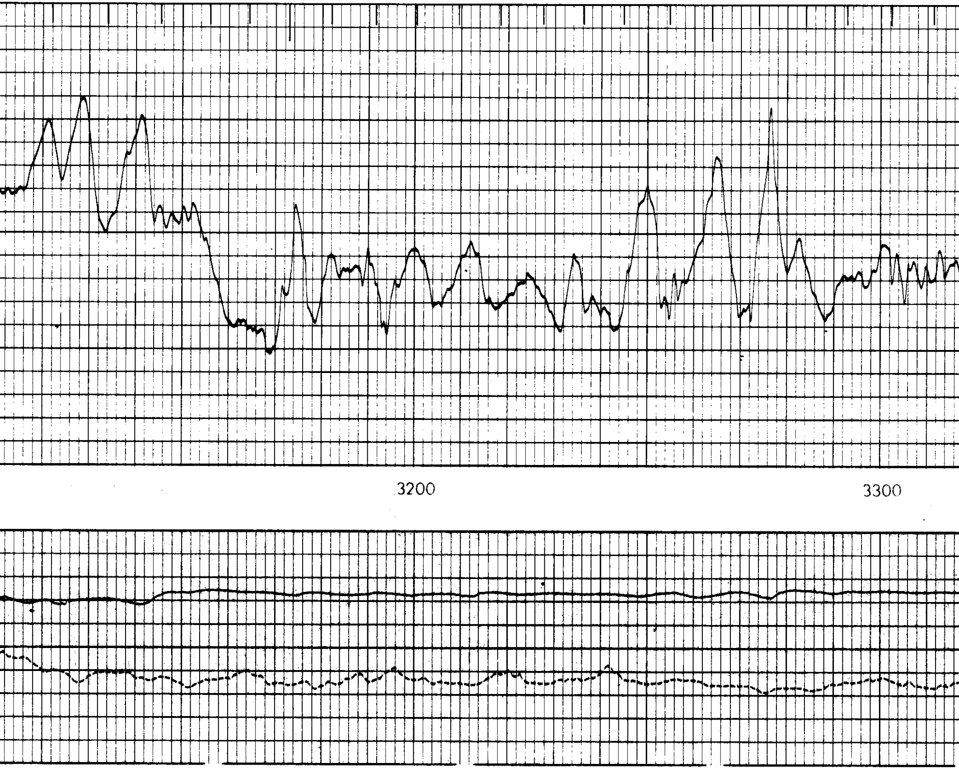


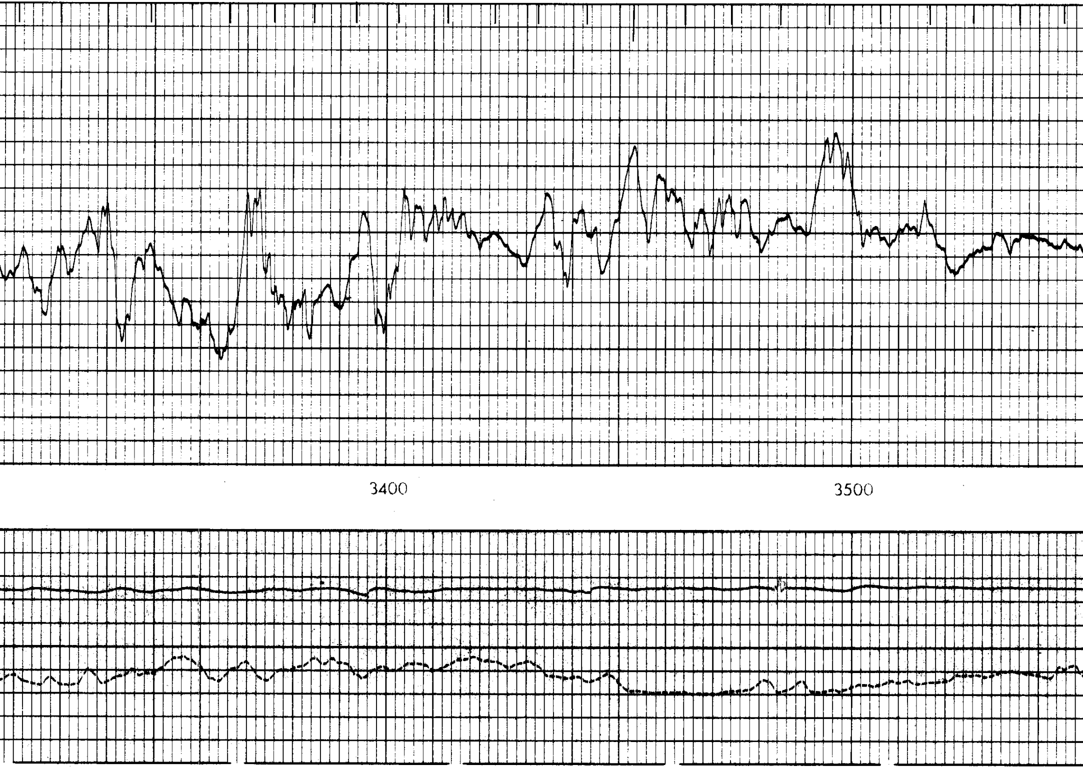


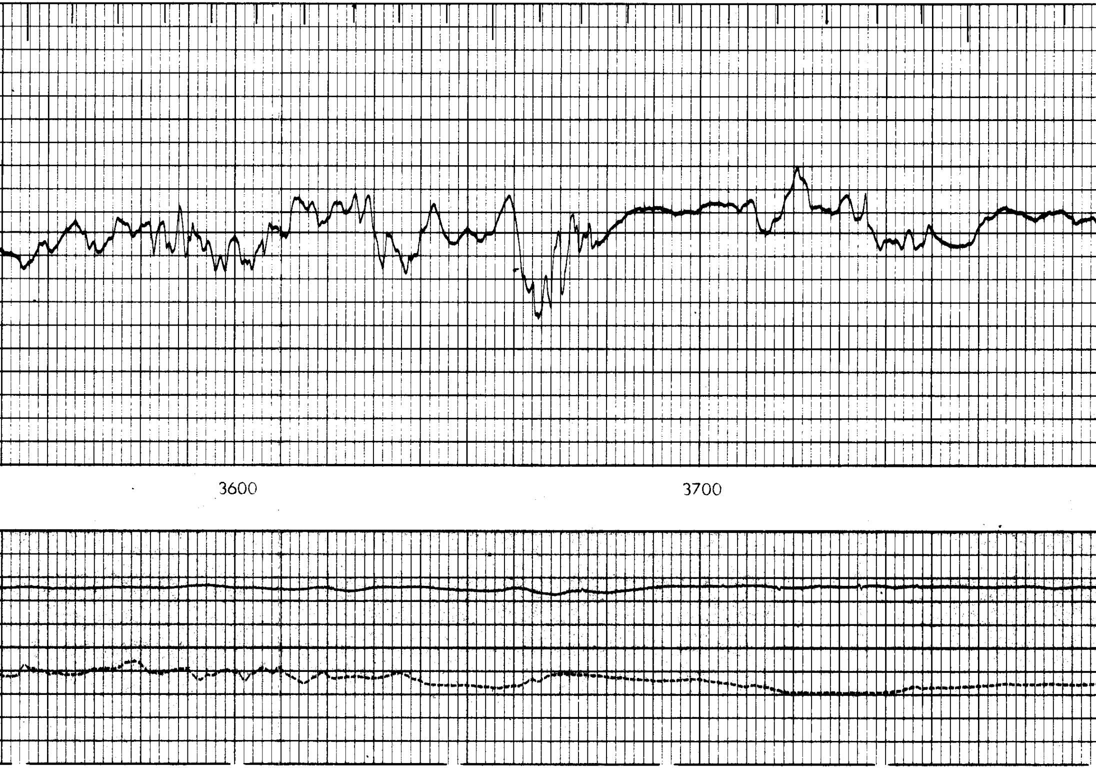


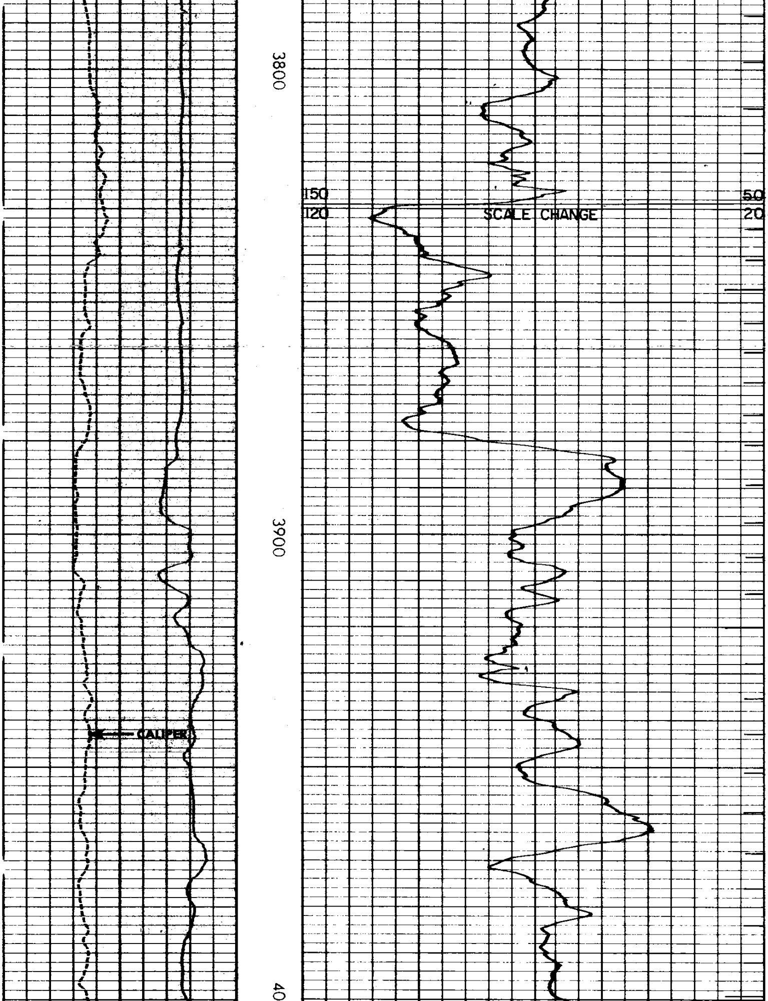


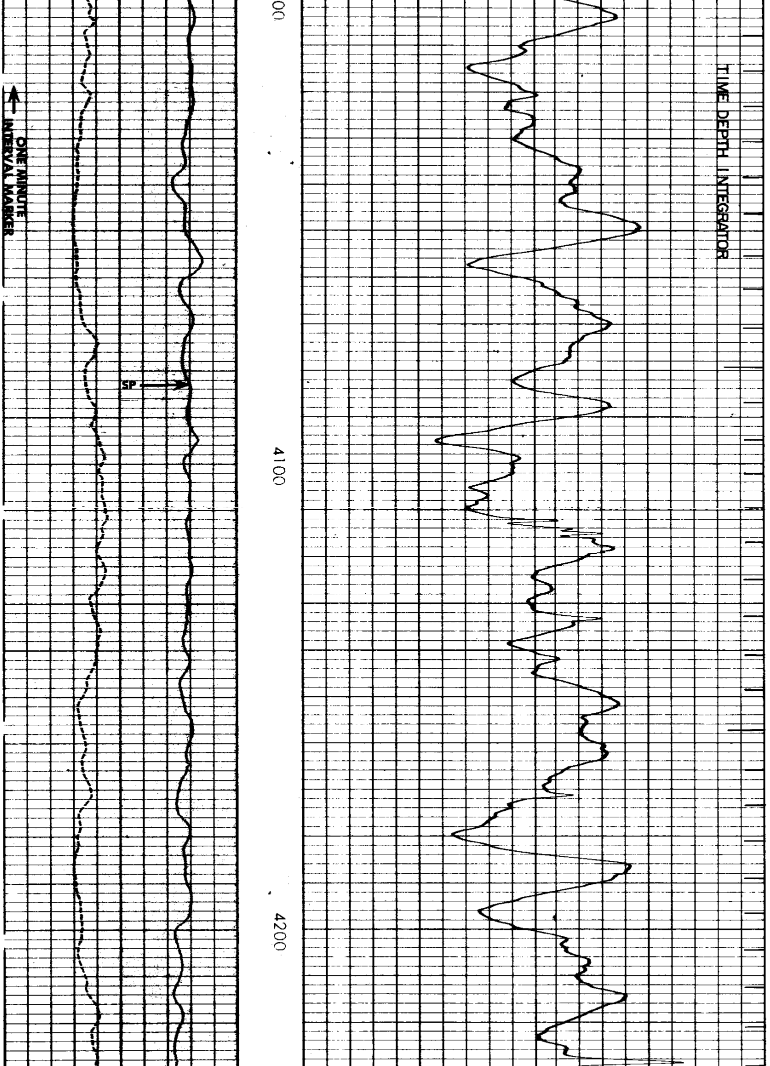


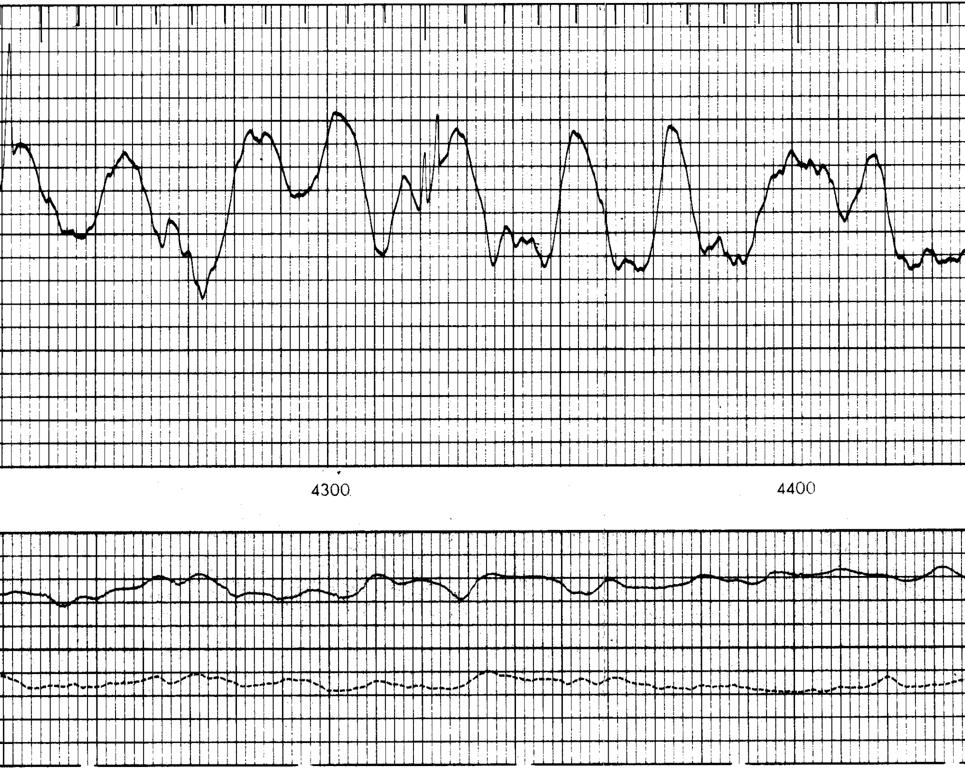


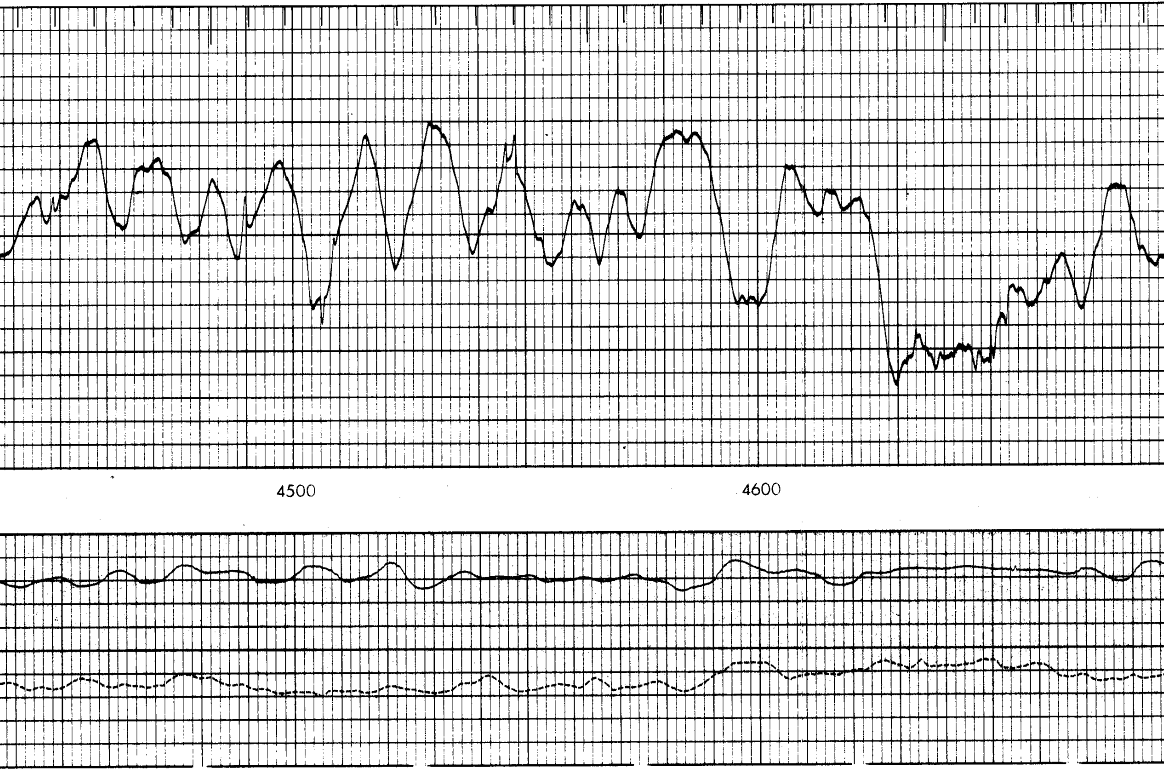


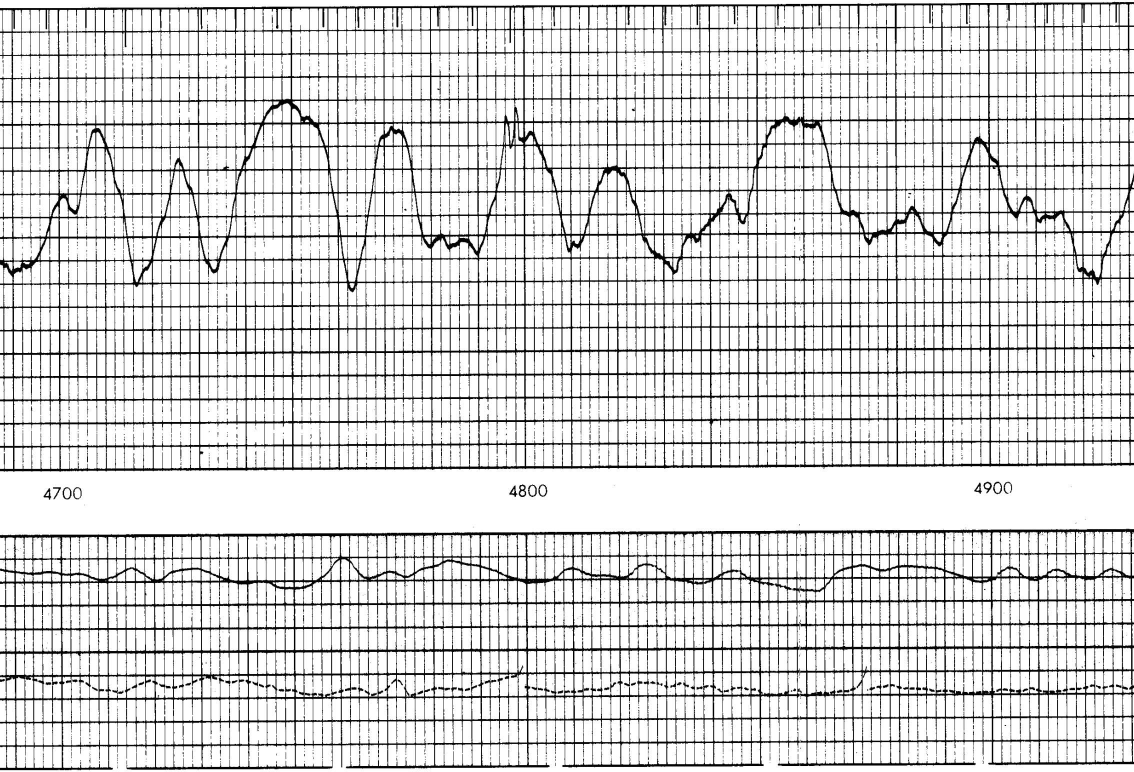


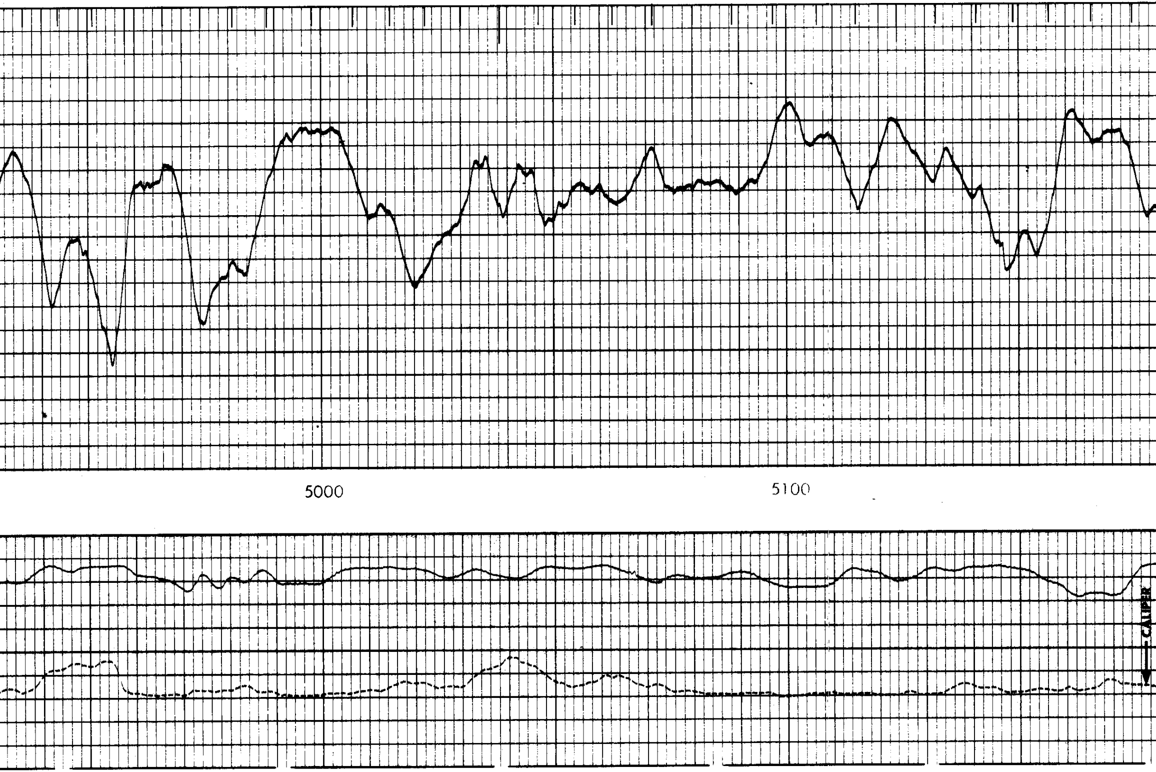


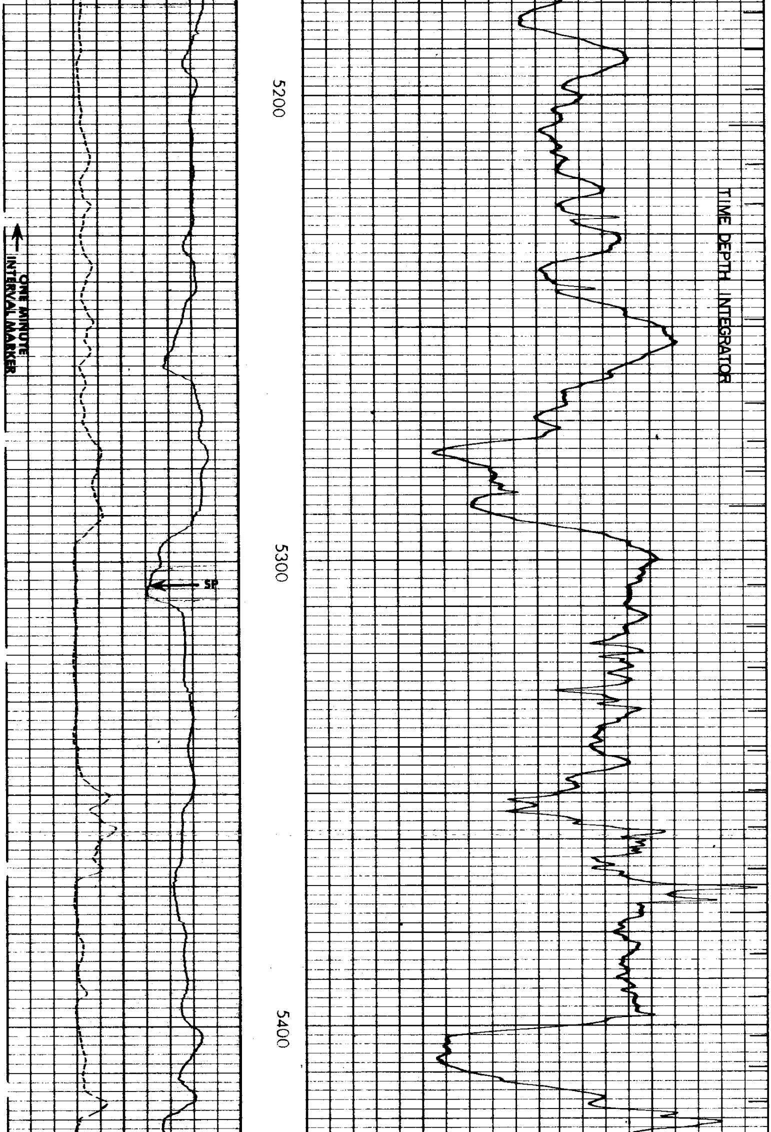


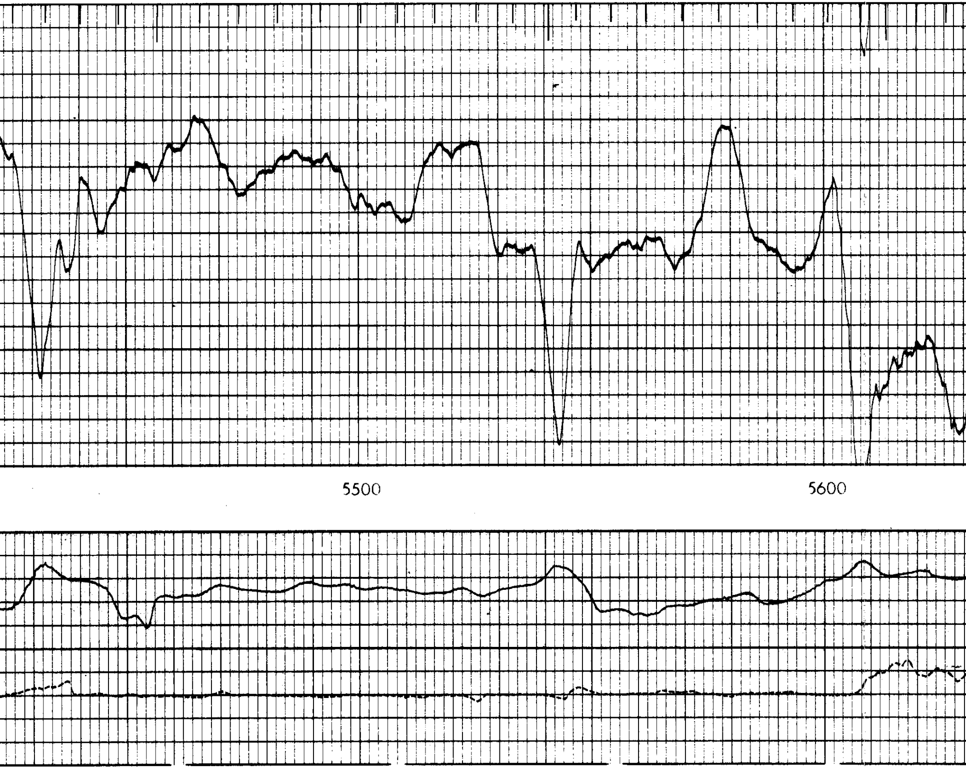


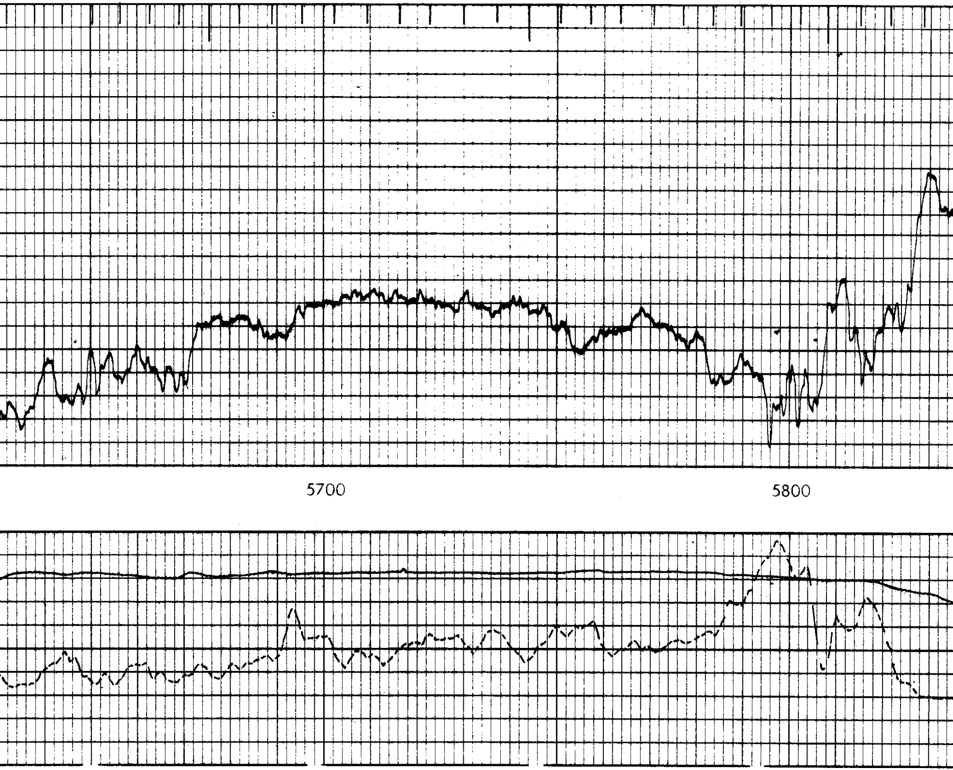


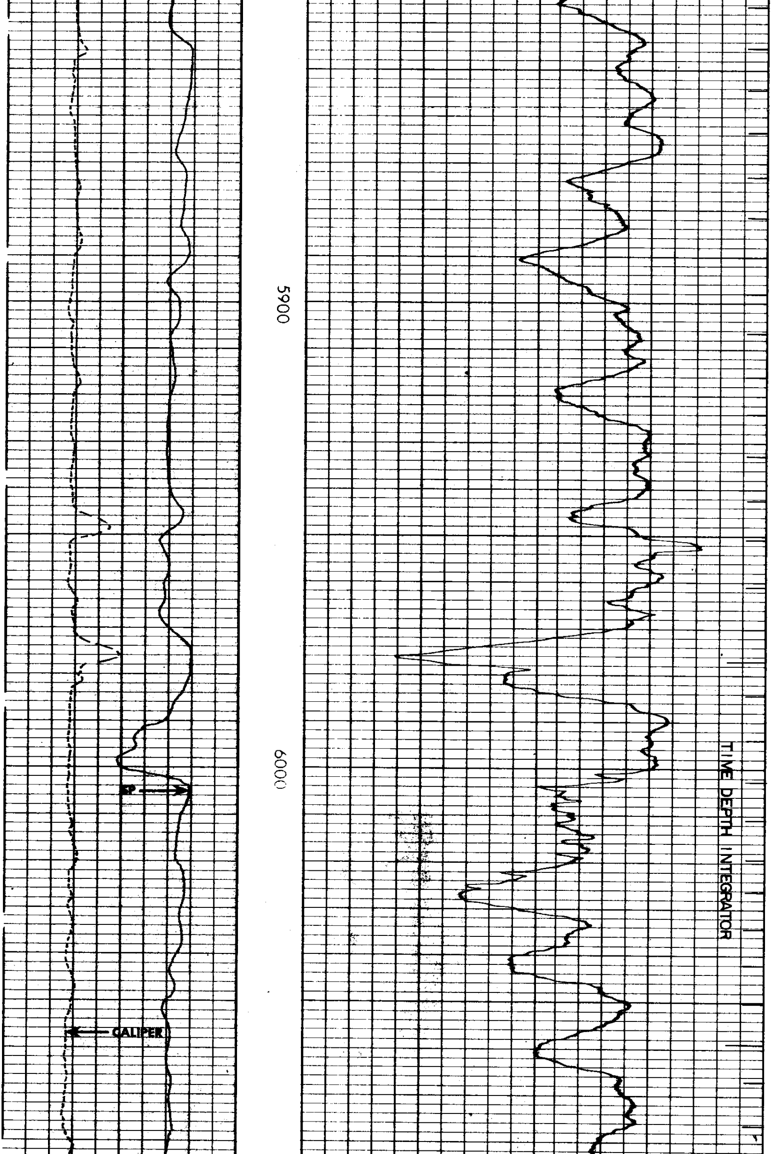


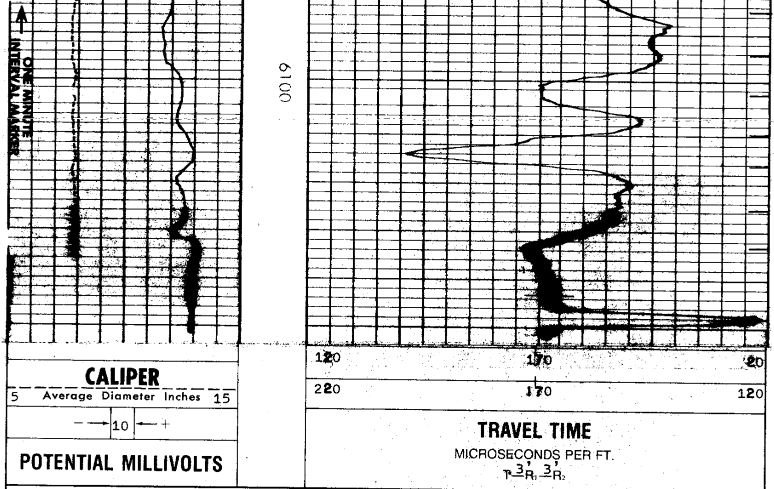












OREGON NATURAL GAS DEVELOPEMENT CORPORATION
GROWN ZELLERBACK NO. 1
TILLAMOOK AREA
TILLAMOOK COUNTY, OREGON

T.D. LOGGED 6143
T.D. DRILLER 6158
T.D. WELEX 6149
ELEV: KB 210.5 GL 199.7

AFTER LOG

FULL SCALE

ZERO
50