Johnson 33-33-88

Welex 5"=100'

COMPENSATED ACOUSTIC VELOCITY LOG

COMPANY OREGON NATURAL GAS CORPORATION
WELL HOWARD JOHNSON 33-33
FIELD OLNEY GAS
County CLATSOP State OR

COMPANY OREGON NATURAL GAS CORPORATION
WELL HOWARD JOHNSON 33-33
FIELD OLNEY GAS
COUNTY CLATSOP STATE OREGON

Location
2036' NORTH & 2000' WEST FROM THE SOUTHEAST CORNER OF:
Sec. 33 Twp 8N Rge 8W

Other Services:
DIG

Permanent Datum G.L. Elev. 500
Log Measured From K.B. OR 21 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 521
D.F.
G.L. 500

Date	10-15-81			
Run No.	ONE			
Depth—Driller	8135			
Depth—Welex	4806			
Btm. Log Inter.	4801			
Top Log Inter.	1018			
Casing—Driller	10 3/4 @ 1018	@	@	@
Casing—Welex	1018			
Bit Size	8 3/4			
Type Fluid in Hole	LIGNOSULF. 5% DIESEL			
Dens. I Visc.	10.6 I 62	I	I	I
pH I Fluid Loss	11.0 IN/A ml	I ml	I ml	I ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	1.52 @ 62 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	1.21 @ 65 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.01 @ 50 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	I	I	I
R_m @ BHT	0.79 @ 120°F	@ °F	@ °F	@ °F
Time Since Circ.	30 HRS.			
Max. Rec. Temp.	120°F @ BHT.	°F @	°F @	°F @
Equip. I Location	9430 IWDLND	I	I	I
Recorded By	VORHEES PORTER			
Witnessed By	STINSON,			

RECEIVED-PTLD
DEC 30 1981
DEPT OF GEOLO

Fold Here

Service Ticket No 054969 Remarks:

Change in Mud Type or Additional Samples

Date I Sample No.	I	I
Depth—Driller		
Type Fluid in Hole		
Dens. I Visc.	I	I
ph I Fluid Loss	I ml	I
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} I R_{mc}	I	I
R_m @ BHT	0.79 @ 120°F	@ °F
R_{mf} BHT	0.55 @ 120°F	@ °F
R_{mc} BHT	0.83 @ 120°F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	AVL		CENT.	

R.M.C.

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'

POTENTIAL MILLIVOLTS

——→ 10 ←—+

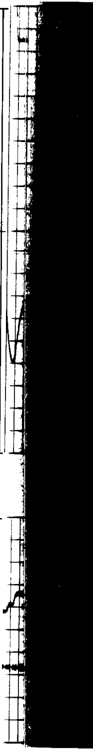
CALIPER

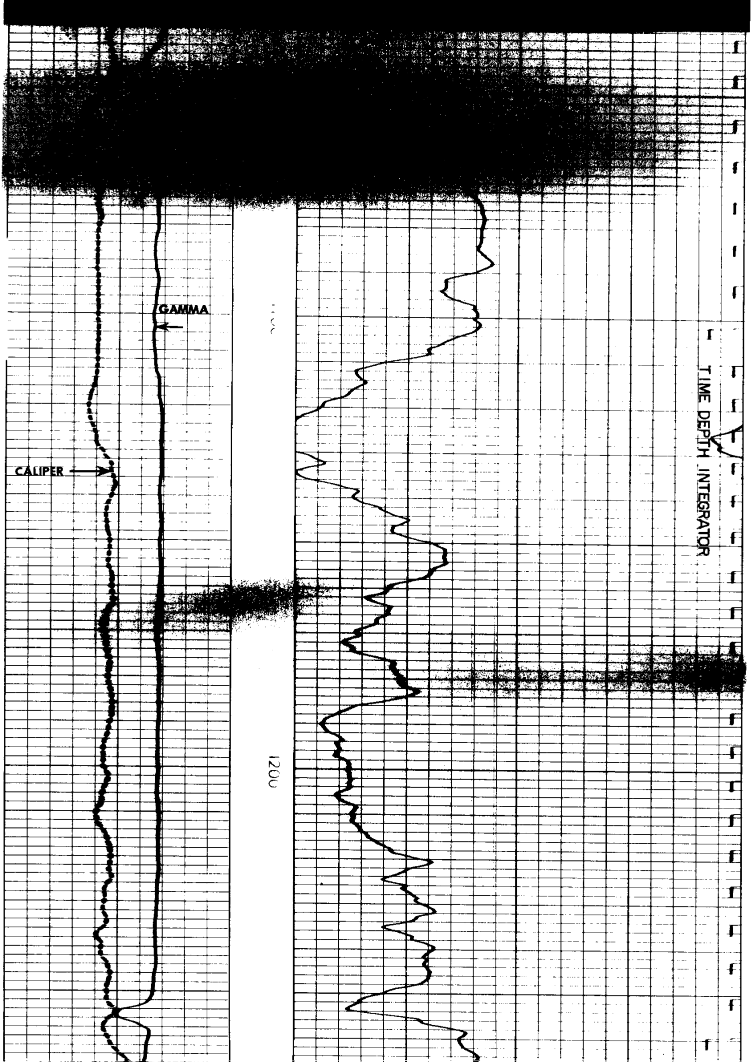
6 Average Diameter Inches 16

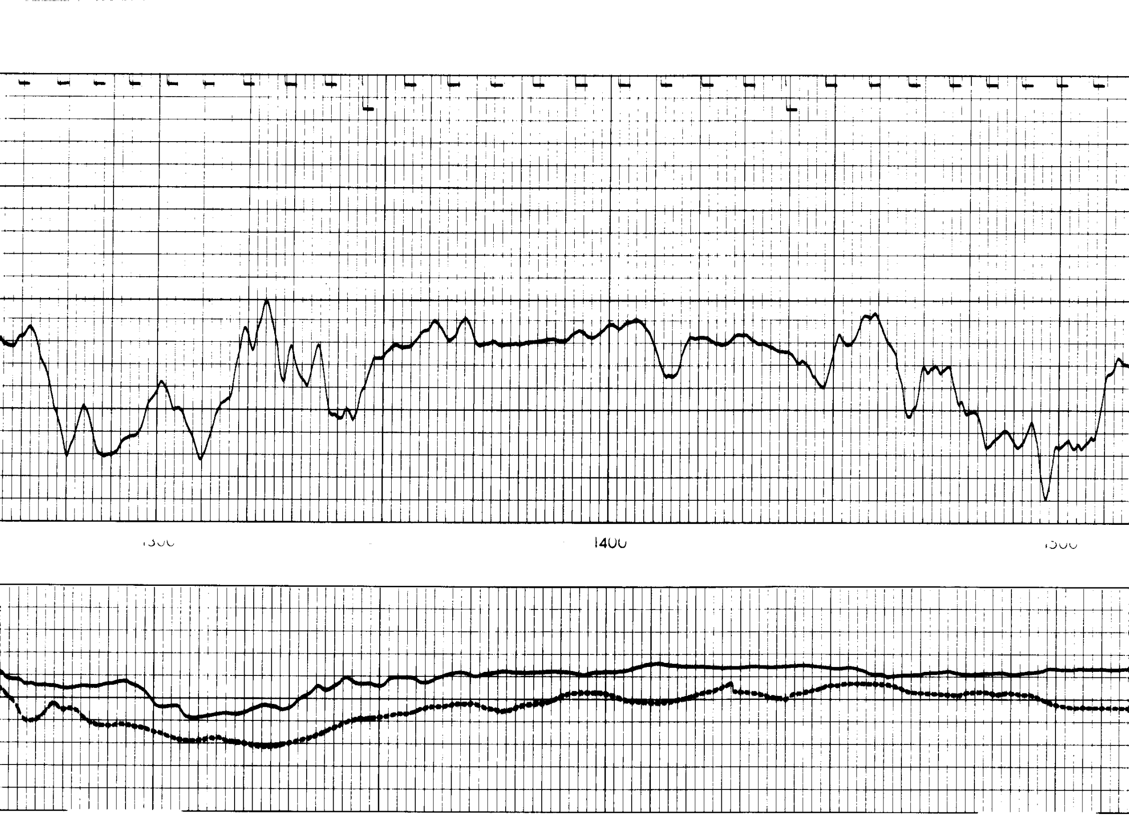
TRAVEL TIME

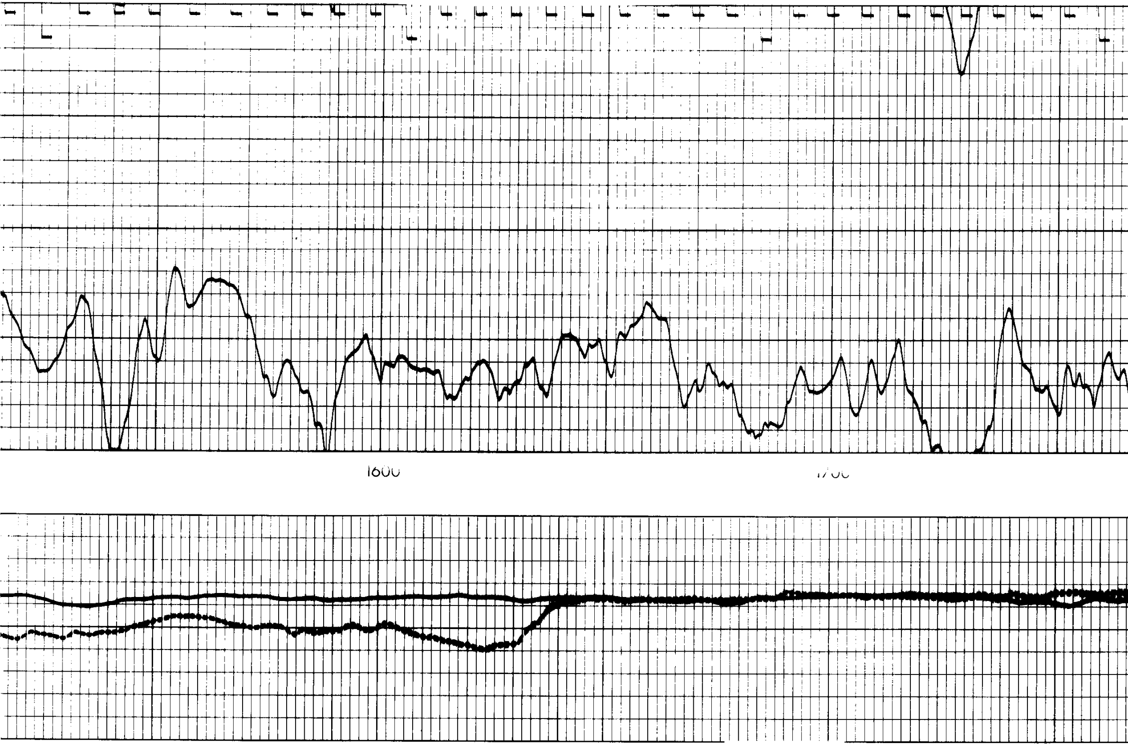
MICROSECONDS PER FT.
T3'R1 3'R2

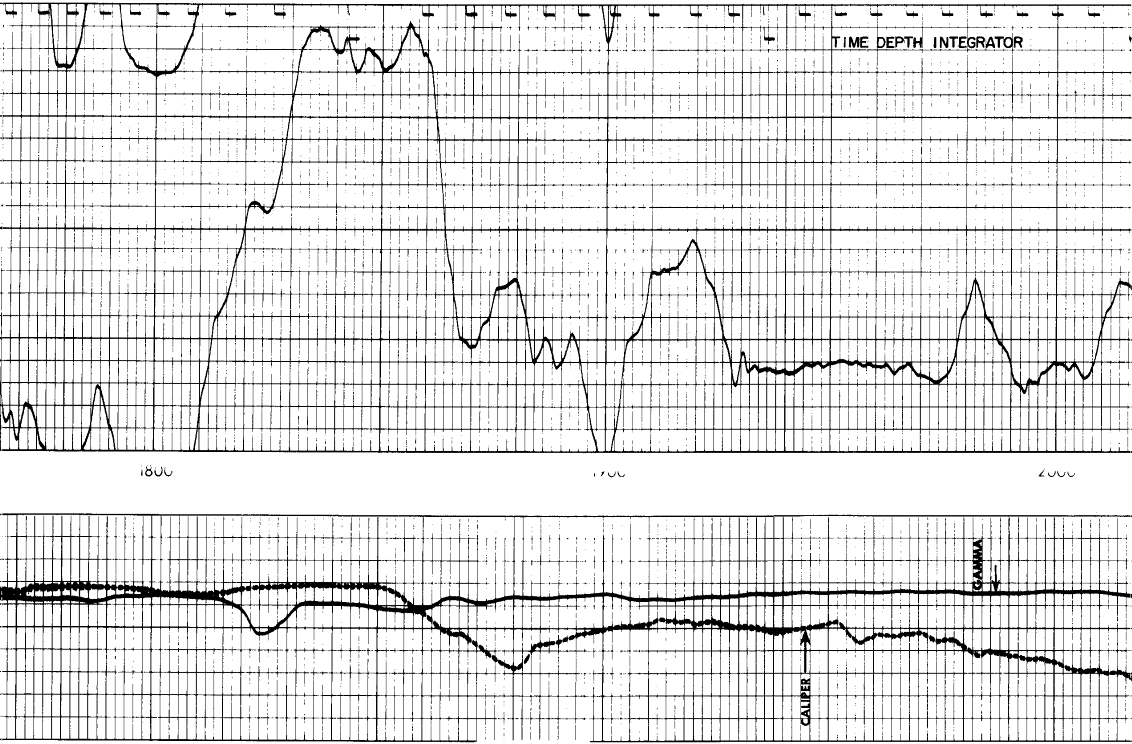
150 100 50
250 200 150

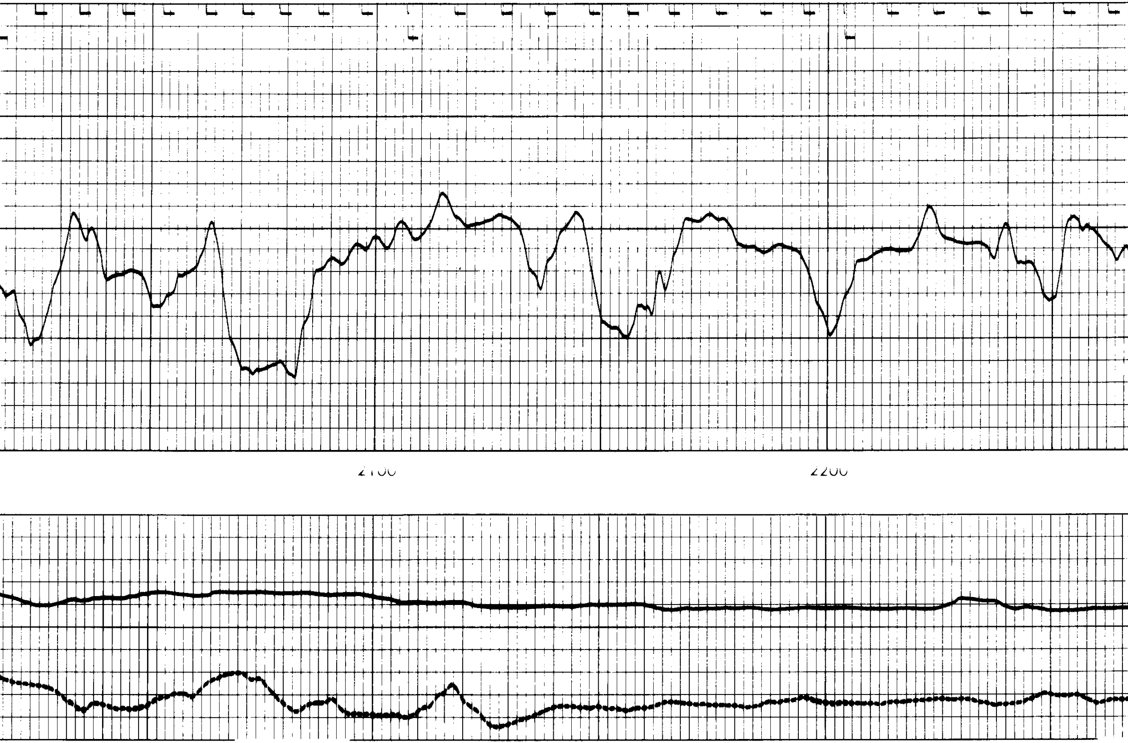


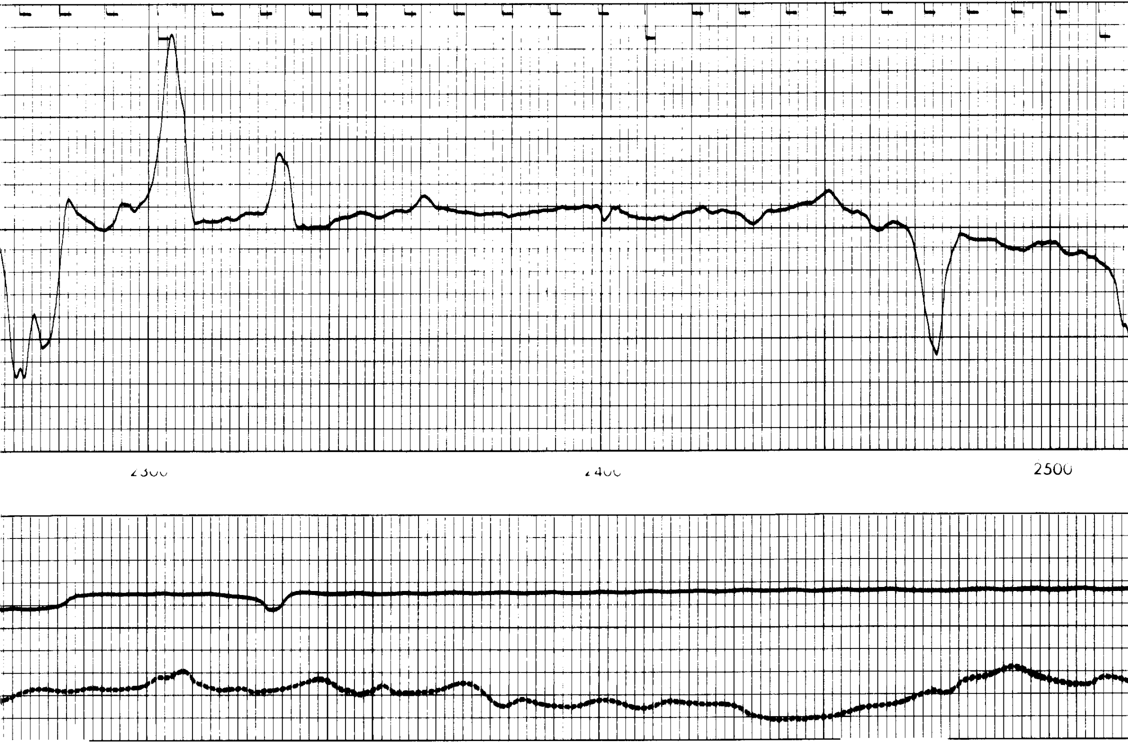


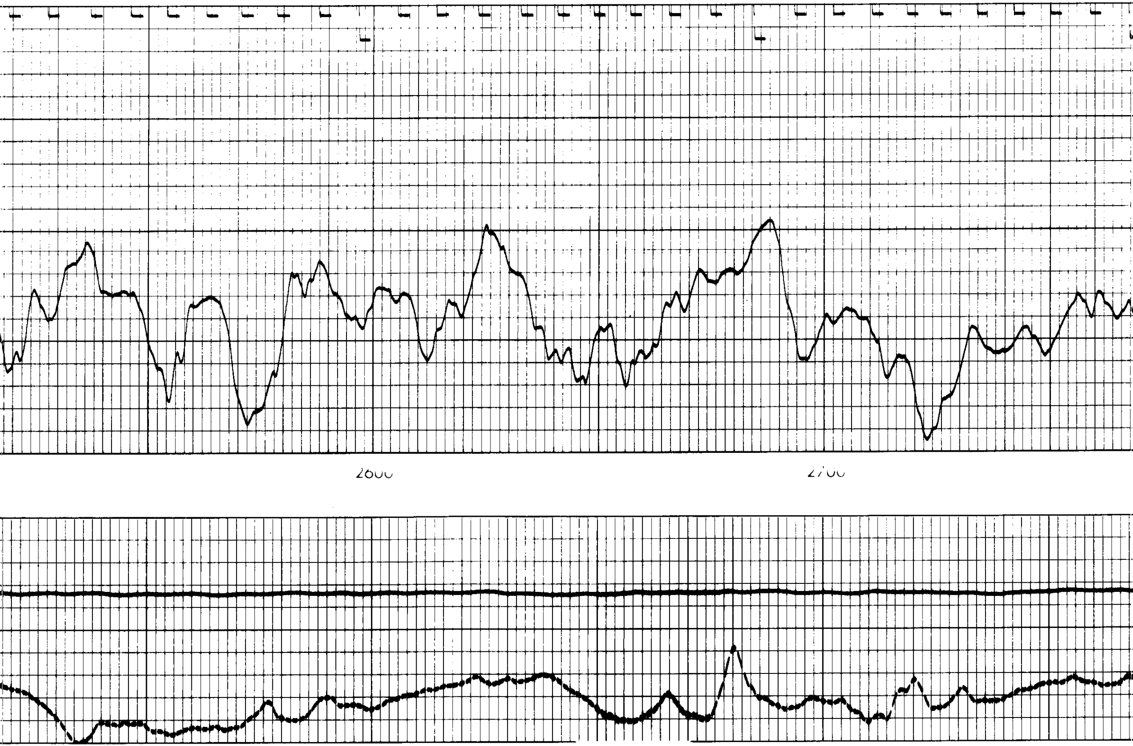


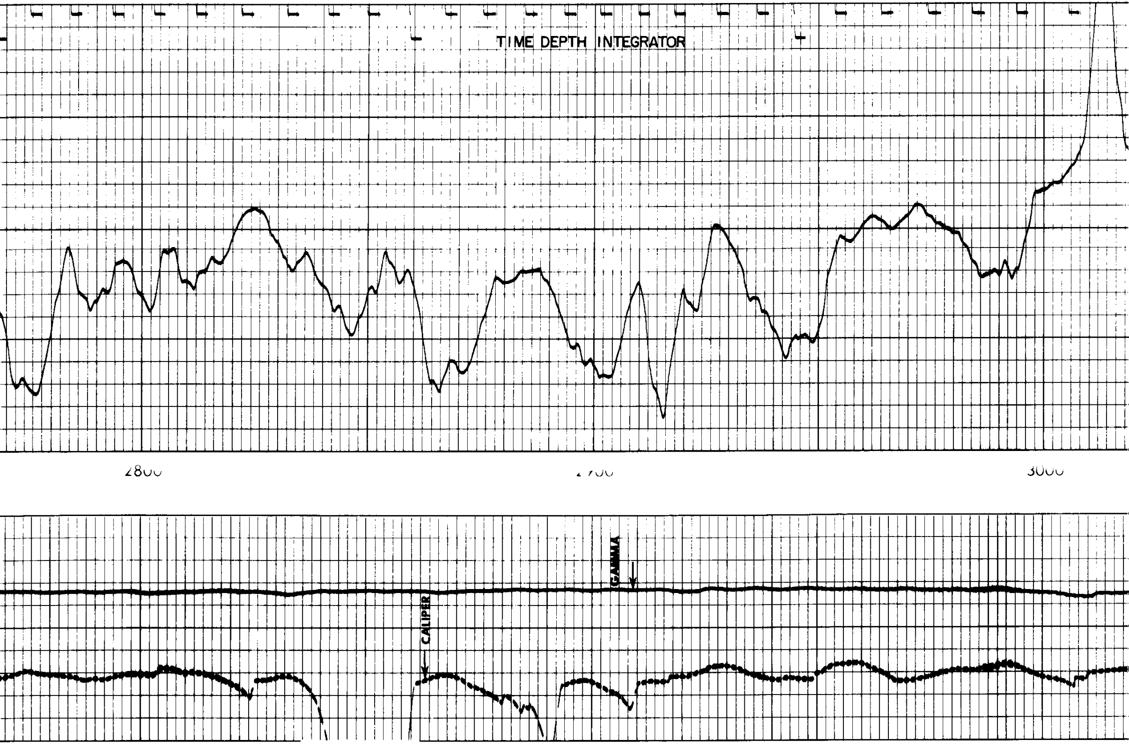


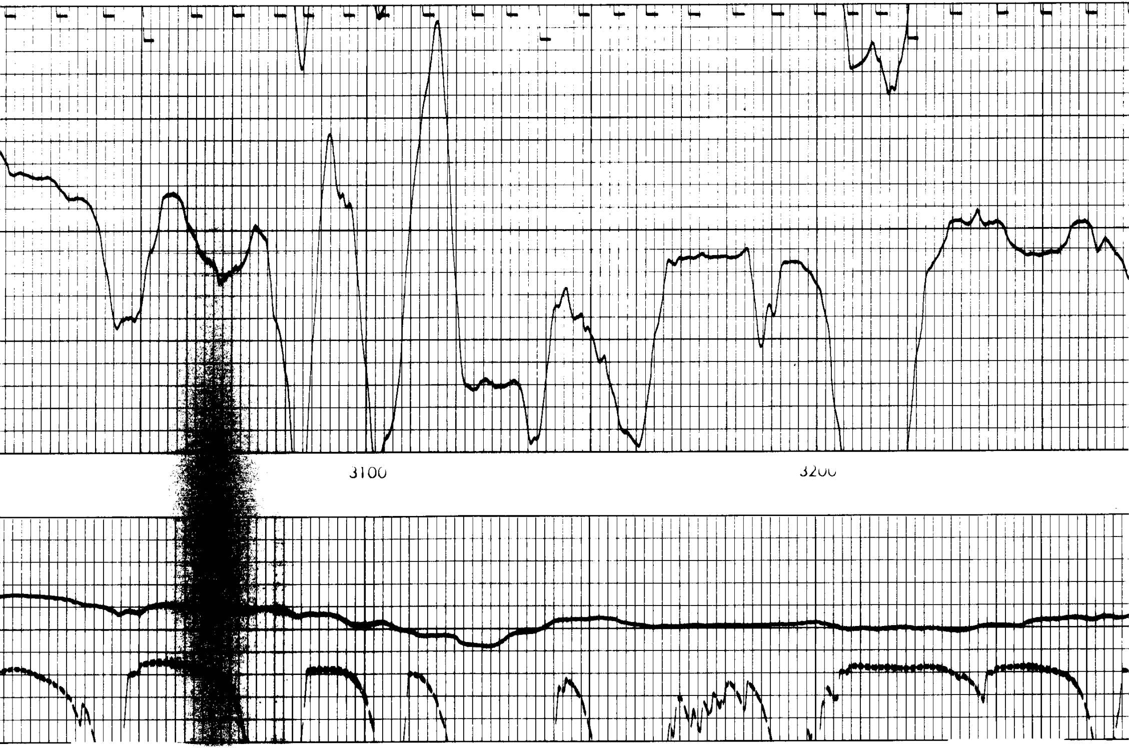


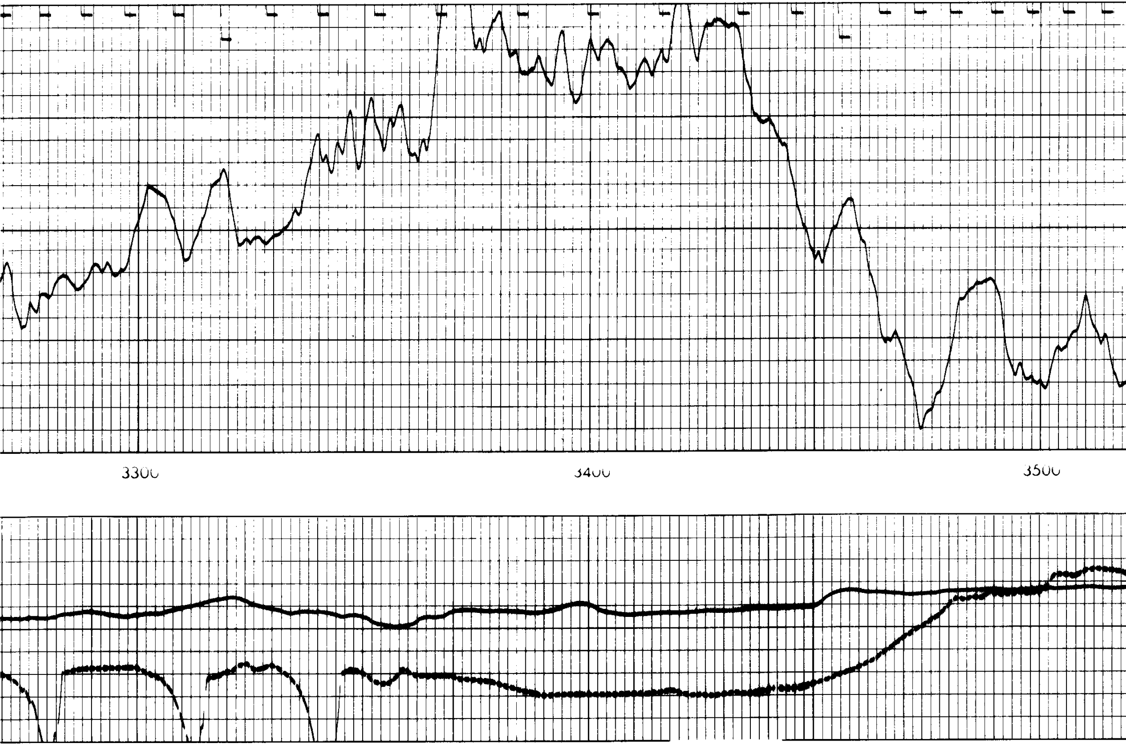


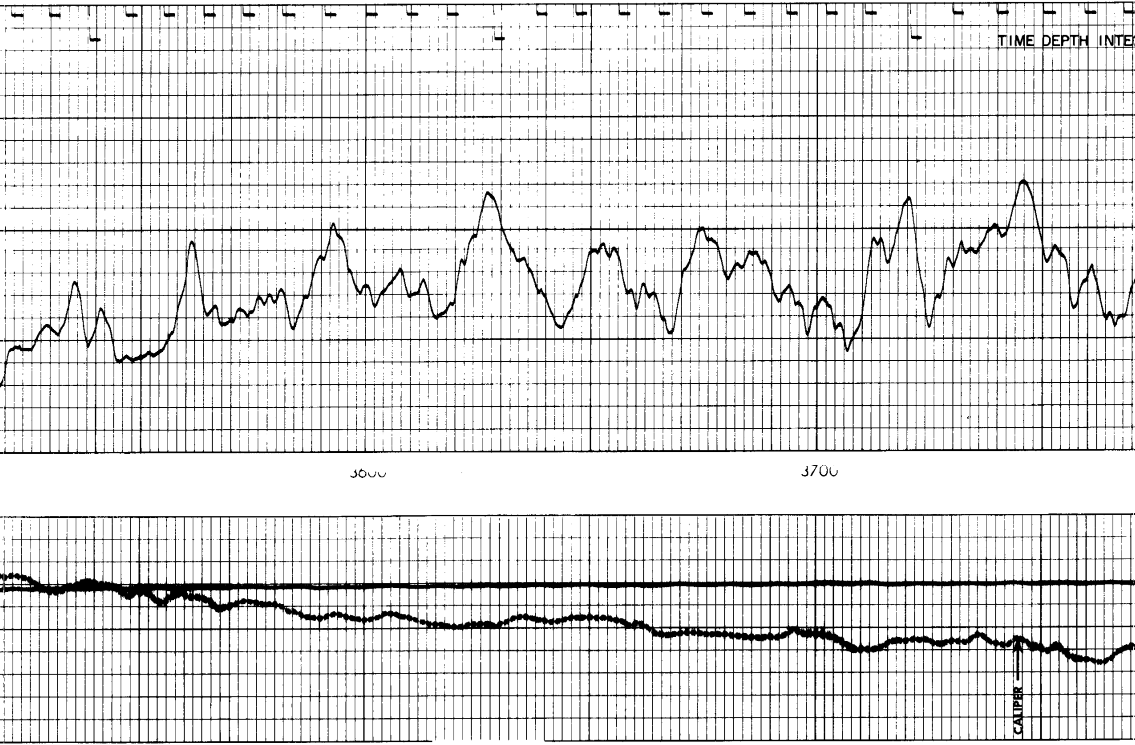


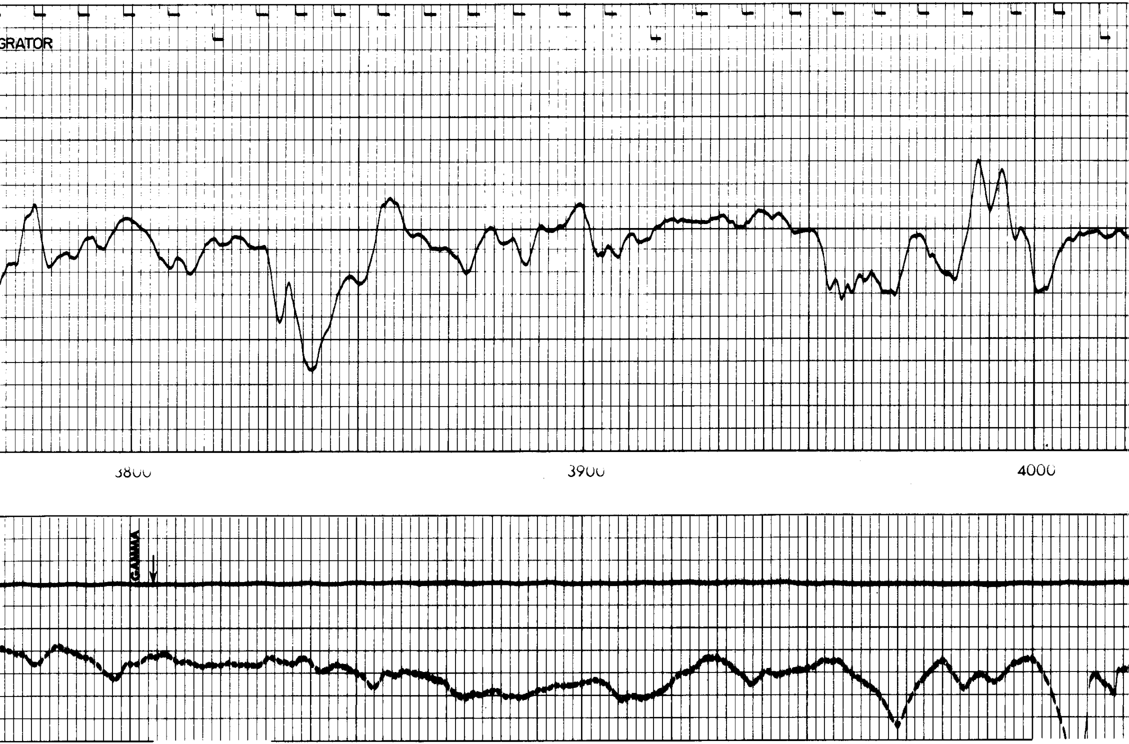


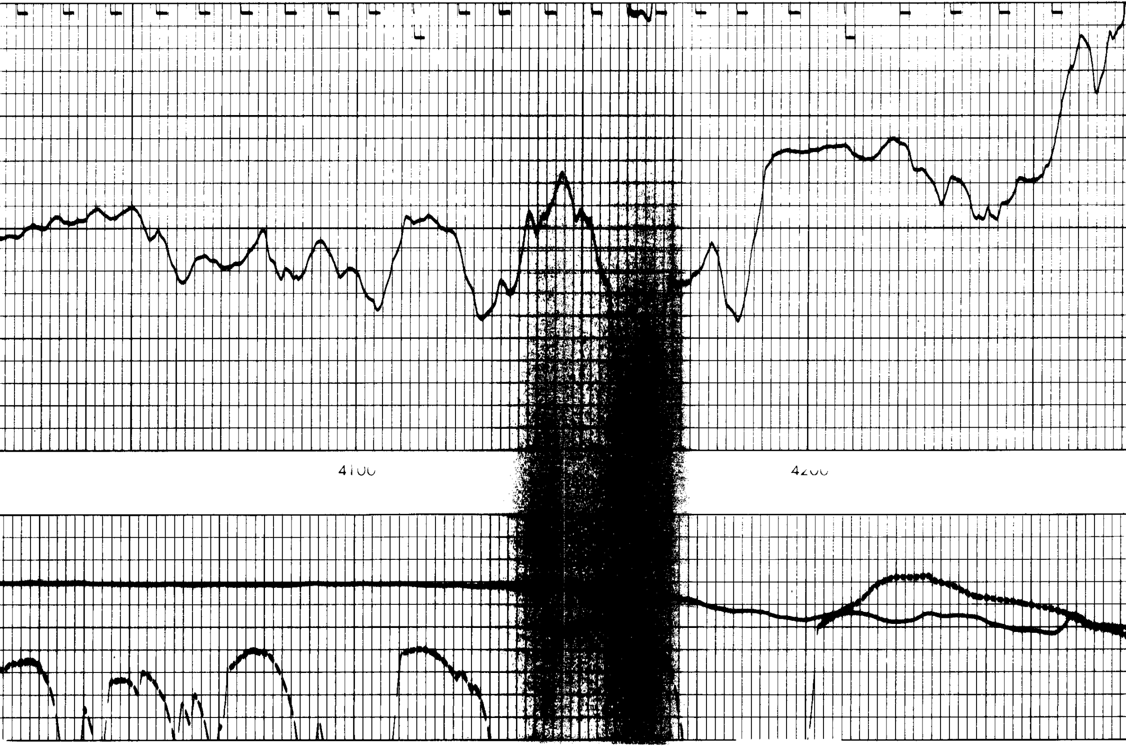


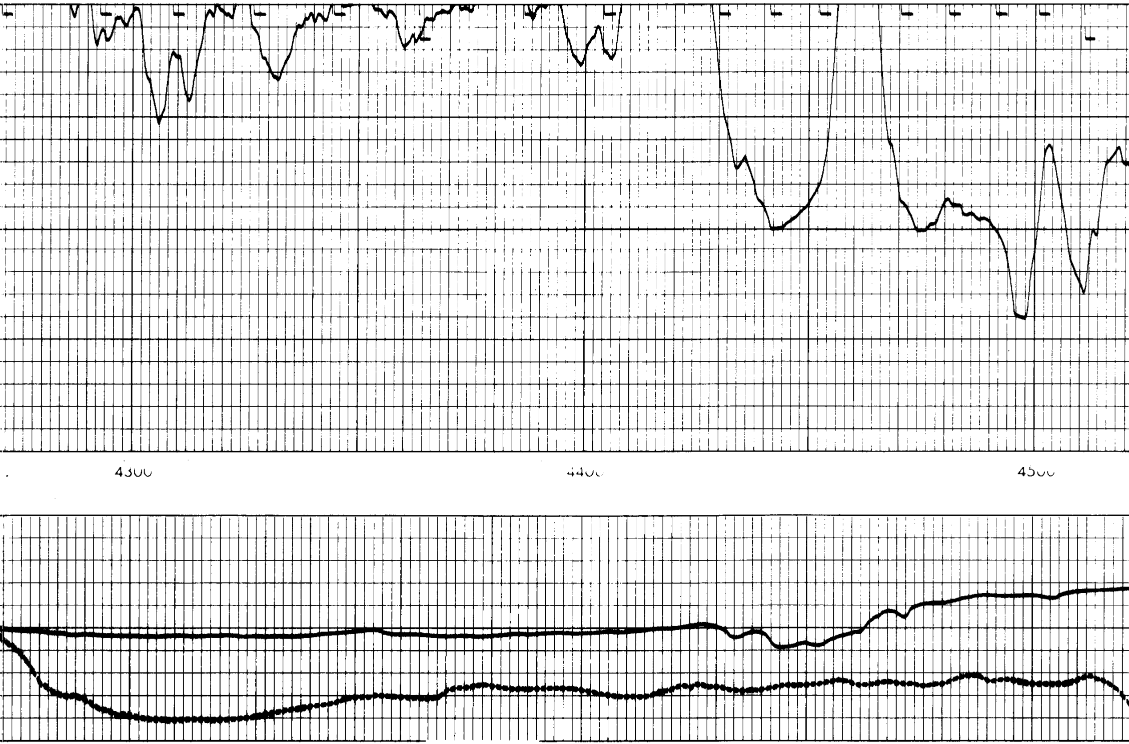


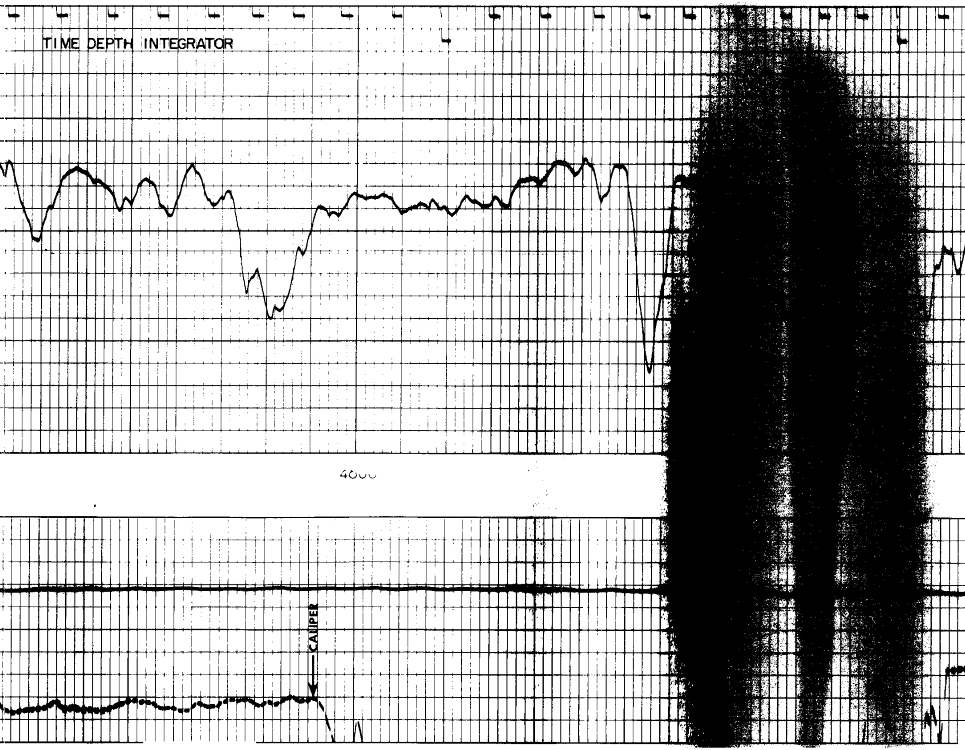


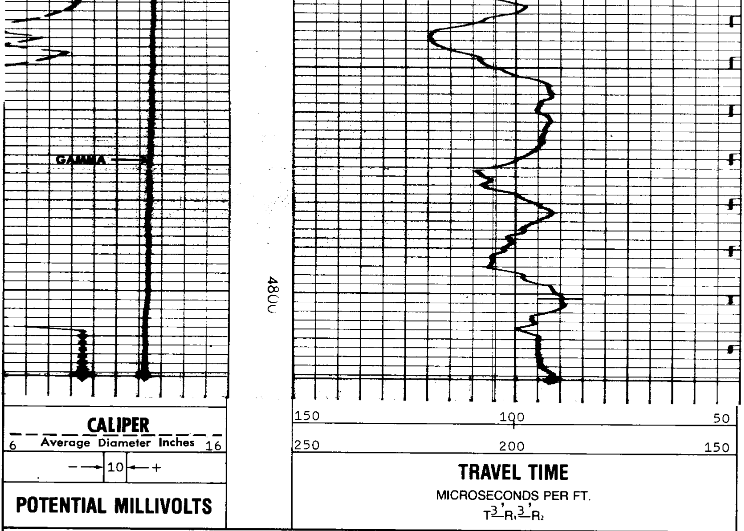












OREGON NATURAL GAS CORPORATION
HOWARD JOHNSON 33-33
OLNEY GAS
CLATSOP COUNTY, OREGON

T.D. LOGGED 4801
T.D. DRILLER 8135
T.D. WELEX 4806
ELEV: KB 521 GL 500