Johnson 33-33-88

Welex

5"=100'

DUAL INDUCTION GUARD 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:
Other Services: C/AVL
Sec. 33 Twp 8N Rge 8W

Permanent Datum K.B. 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

RECEIVED PTLD
DEC 30 1981
DEPT OF GEOLOGY

Date	10-15-81	11-24-81		
Run No.	ONE	TWO		
Depth—Driller	8135	10006		
Depth—Welex	4806	6525		
Btm. Log Inter.	4804	6516		
Top Log Inter.	1018	4592		
Casing—Driller	10 3/4 @ 1018	10 3/4@1018	@	@
Casing—Welex	1018	NOT LOGGED		
Bit Size	8 3/4	8 3/4		
Type Fluid in Hole	LIGNOSULF.	LIGNOSULF.		
	5% DIESEL			
Dens. | Visc.	10.6 | 55	10.6 | 85	|	|
pH | Fluid Loss	11.0 | N/A ml	10.5 | 4.0 ml	| ml	| ml
Source of Sample	CIRCULATED	CIRCULATED		
R_m @ Meas. Temp.	1.52 @ 62 °F	1.47 @57 °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	1.21 @ 65 °F	1.18 @58 °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.01 @ 50 °F	1.90 @61 °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	MEASURED	|	|
R_m @ BHT	0.79 @120 °F	0.65 @128 °F	@ °F	@ °F
Time Since Circ.	24 HRS.	N/A		
Max. Rec. Temp.	120 °F @ BHT.	128 °F @6525	°F @	°F @
Equip. | Location	9430 | WDLND	2890 | WDLND	|	|
Recorded By	VORHEES	PARMELEE		
Witnessed By	STINSON	N/A		

Fold Here

Service Ticket No. 054969 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	0.79 @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

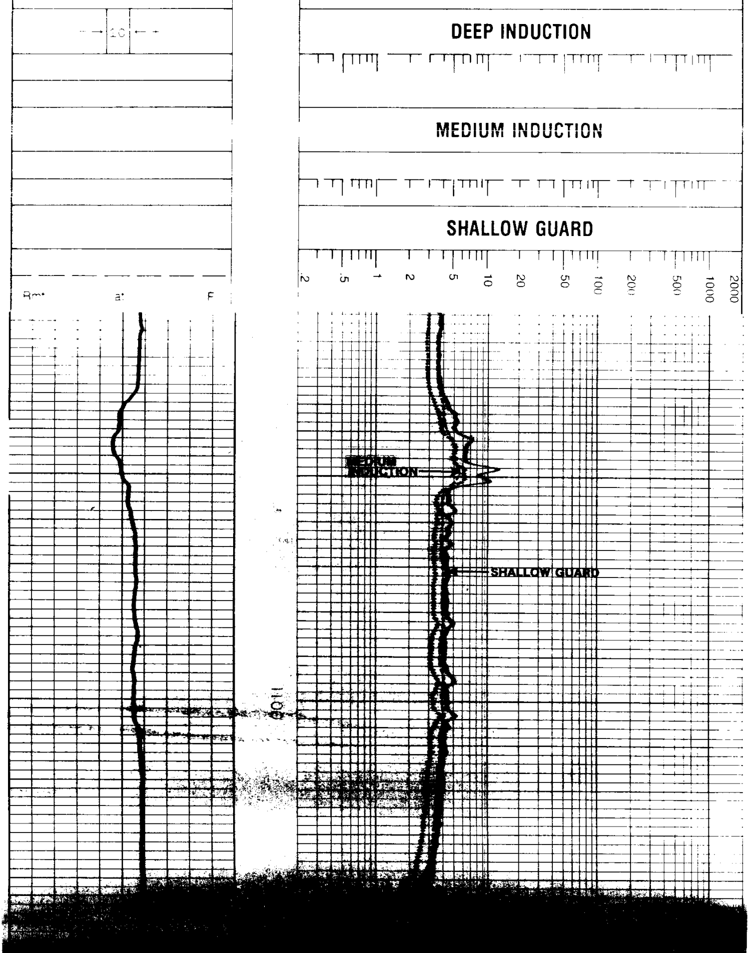
Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	DIG 6		CENT.	BOWSPRING

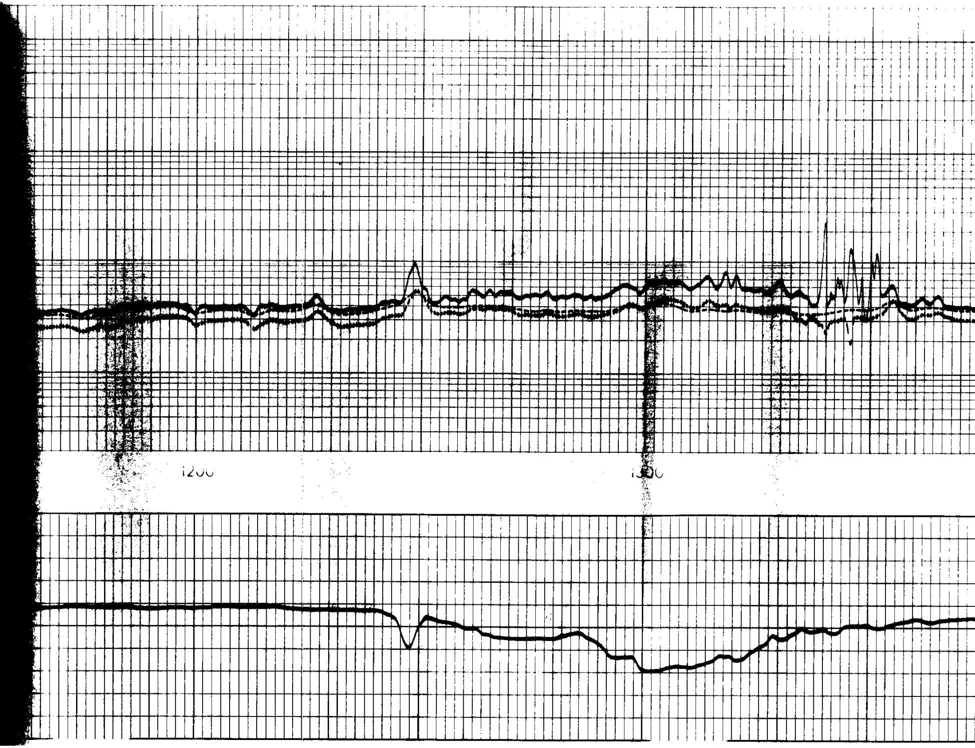
R.M.C.

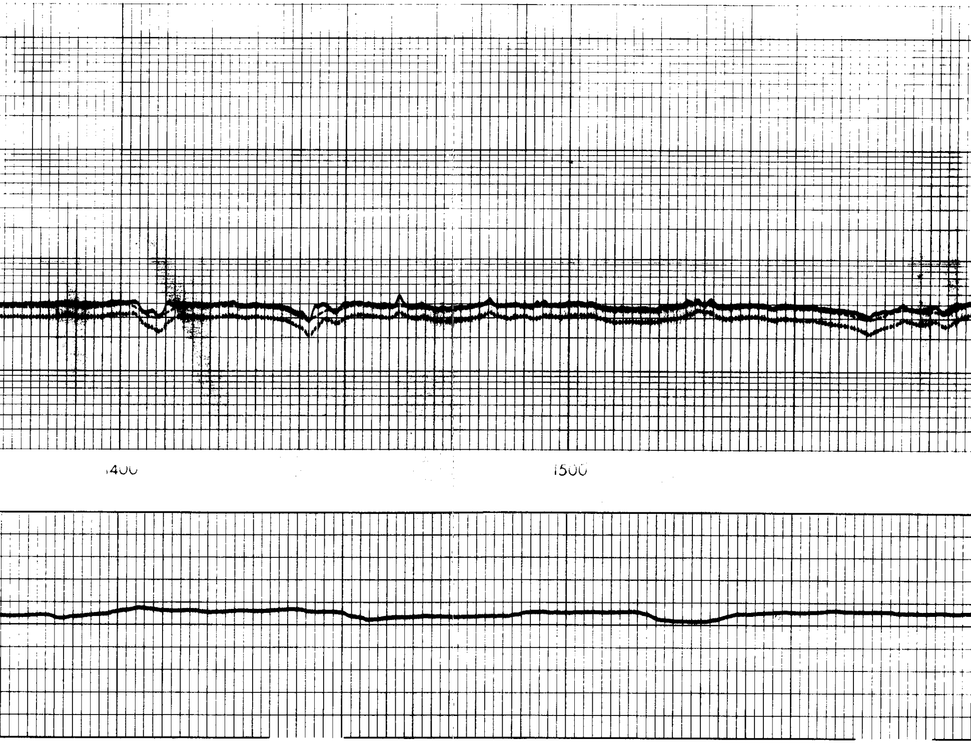
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations 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.

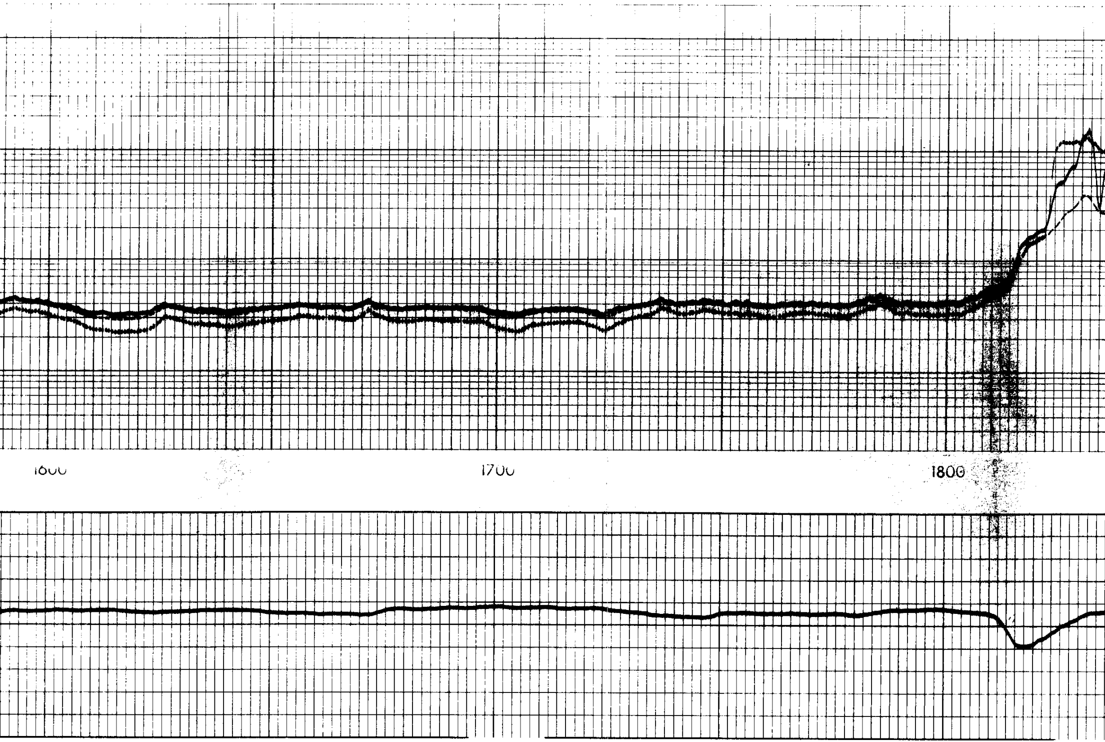
5"-100'

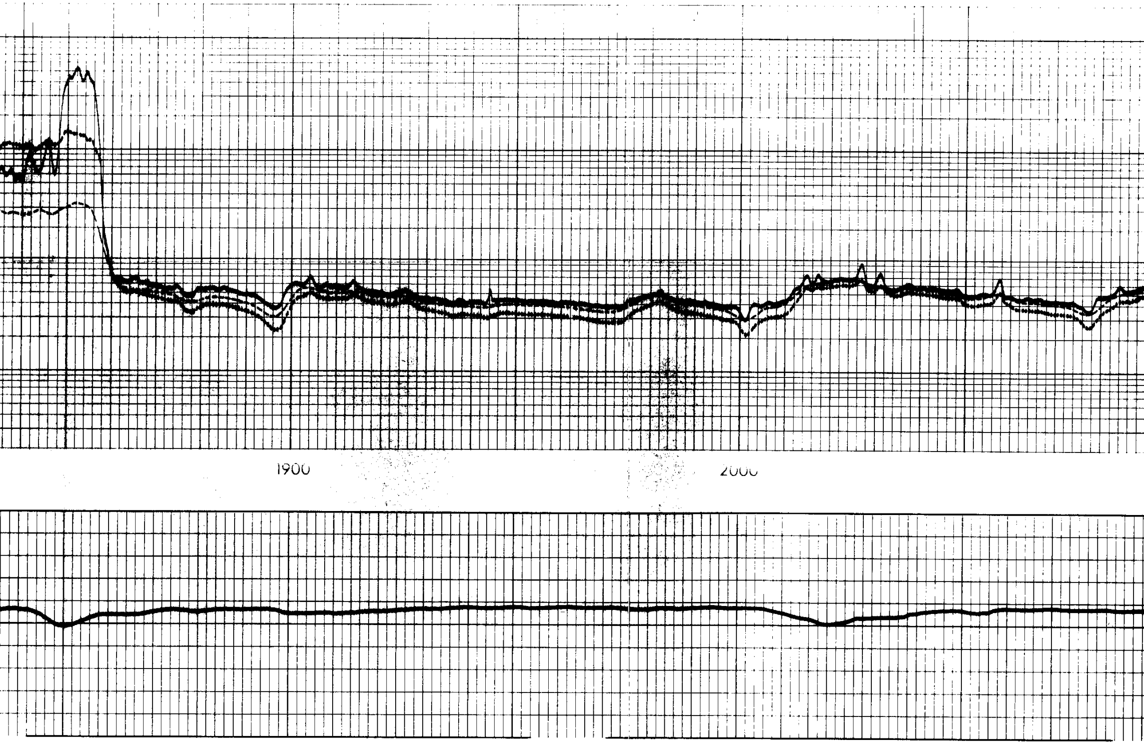
POTENTIAL MILLIVOLTS **RESISTIVITY OHMS M²/M**

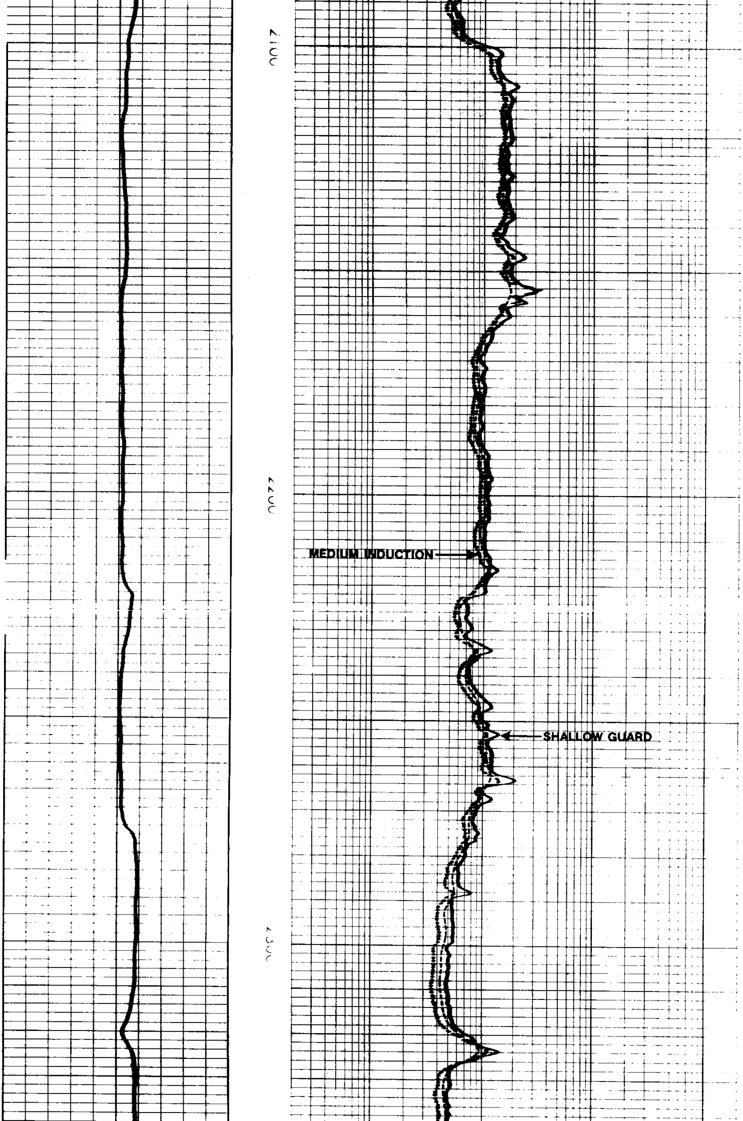


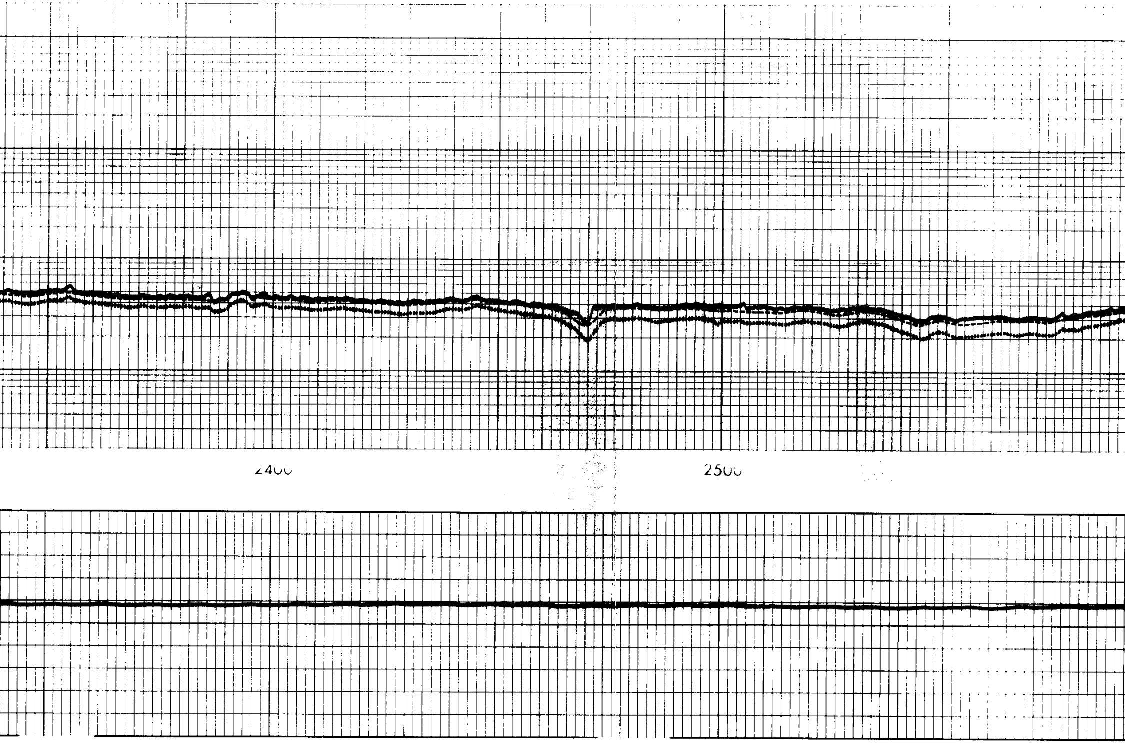


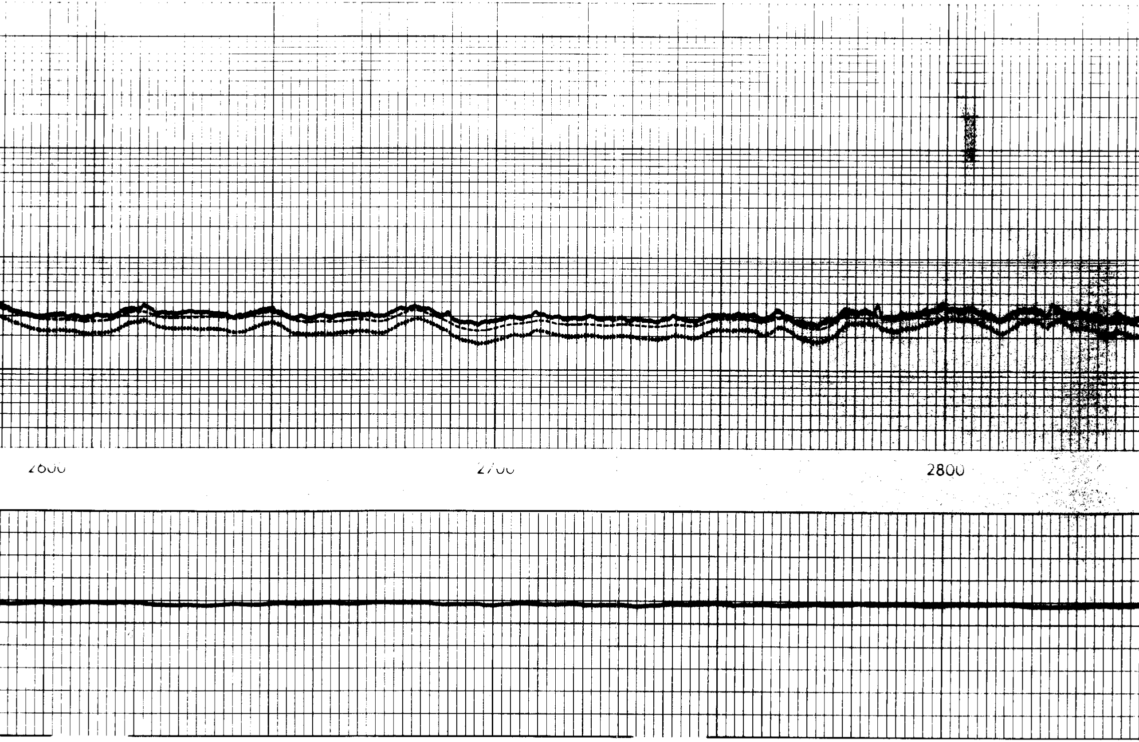


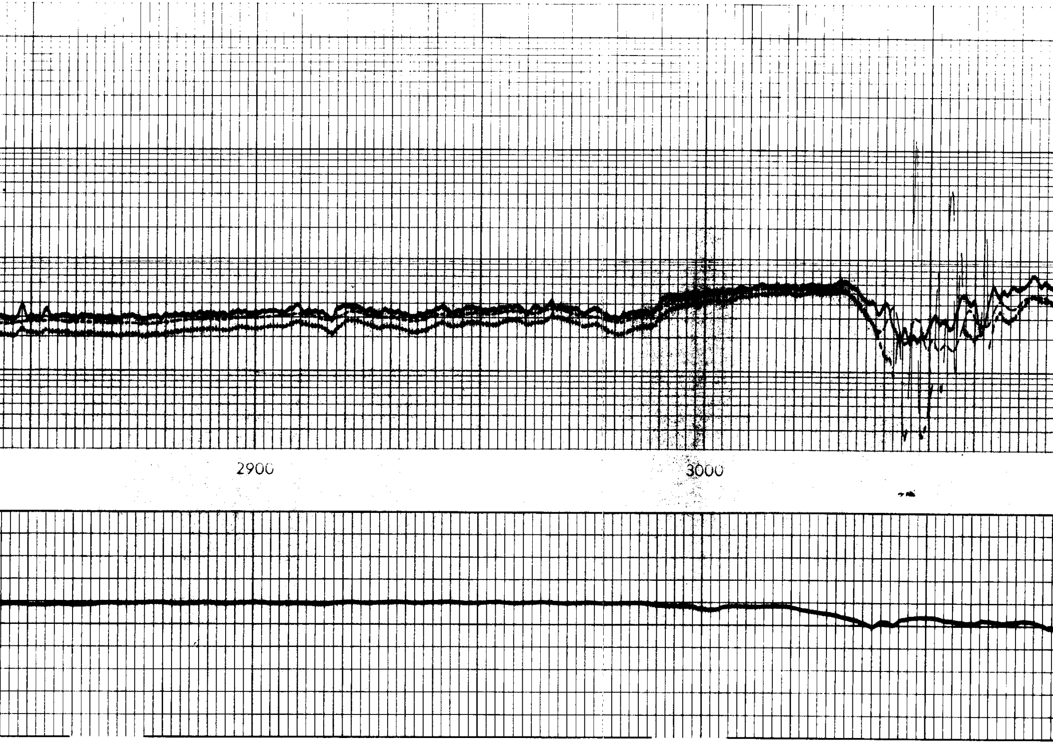


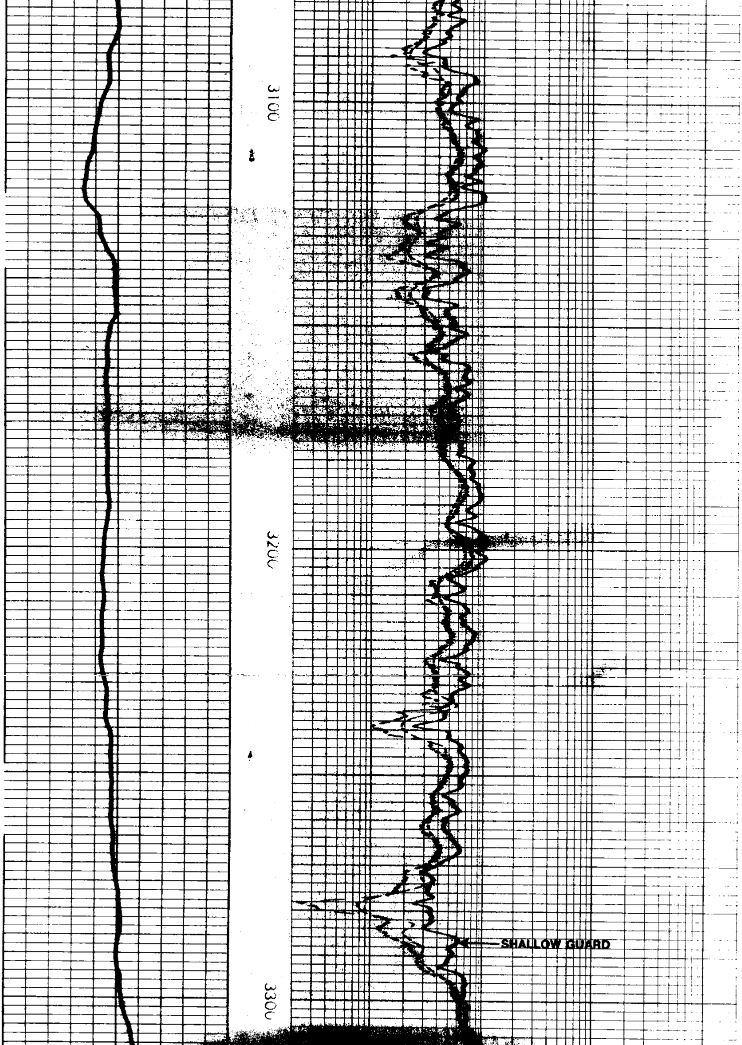


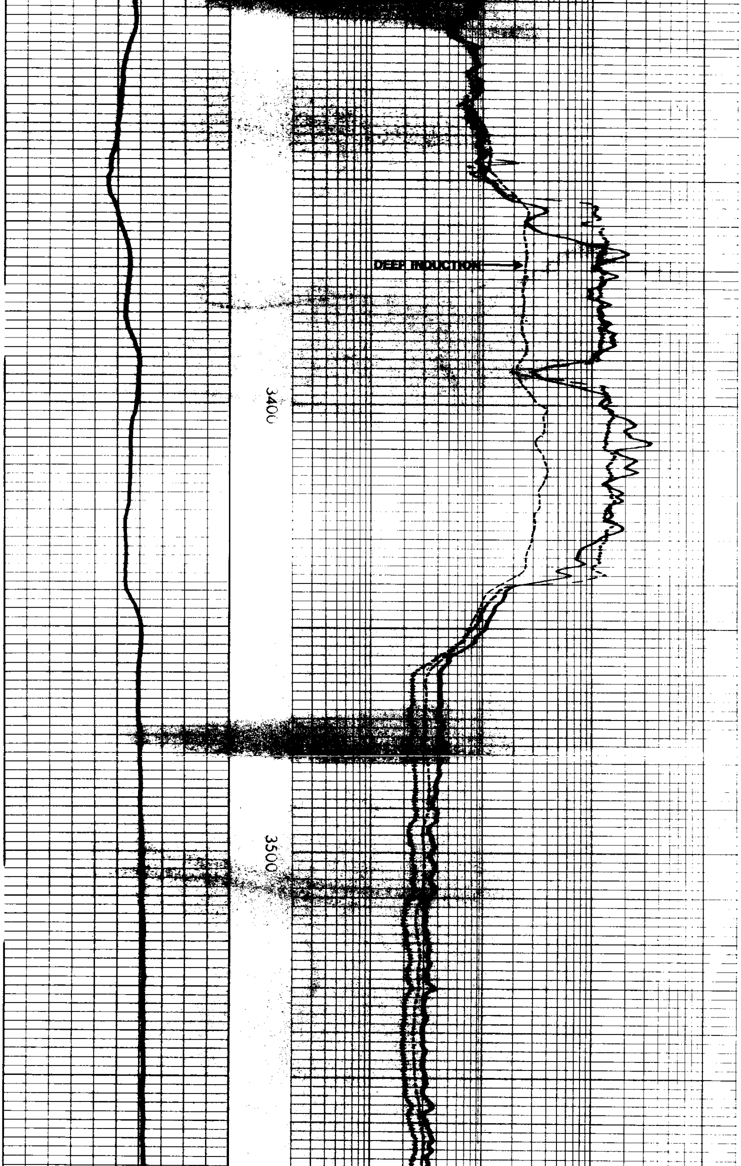


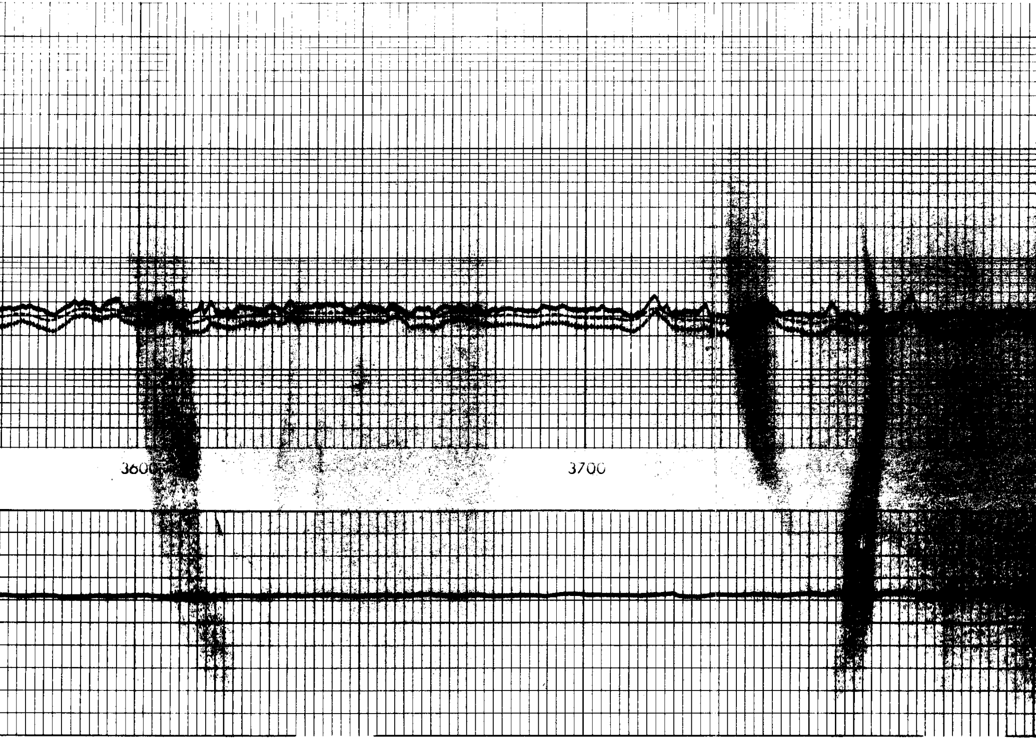


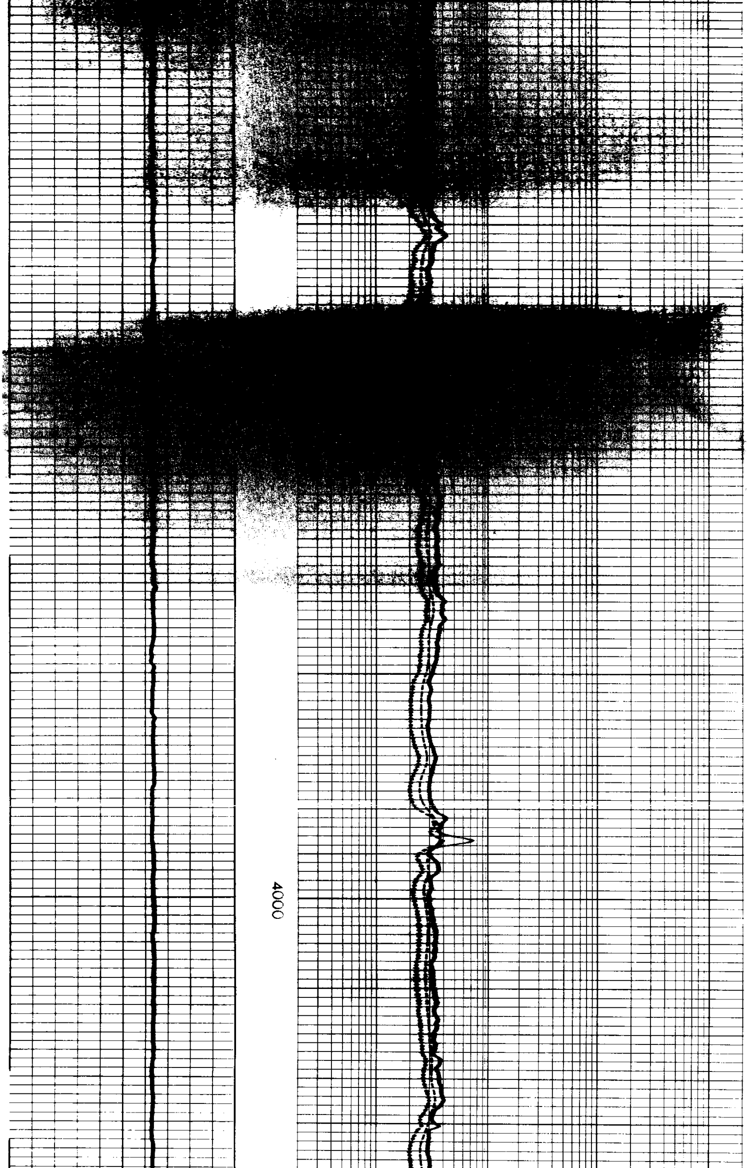


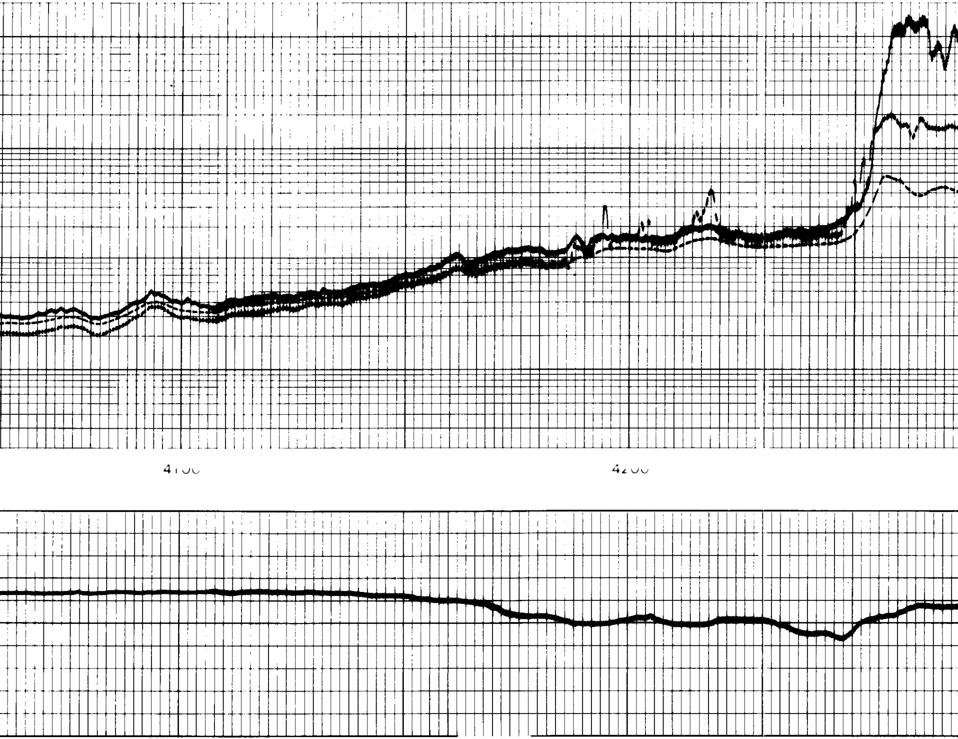


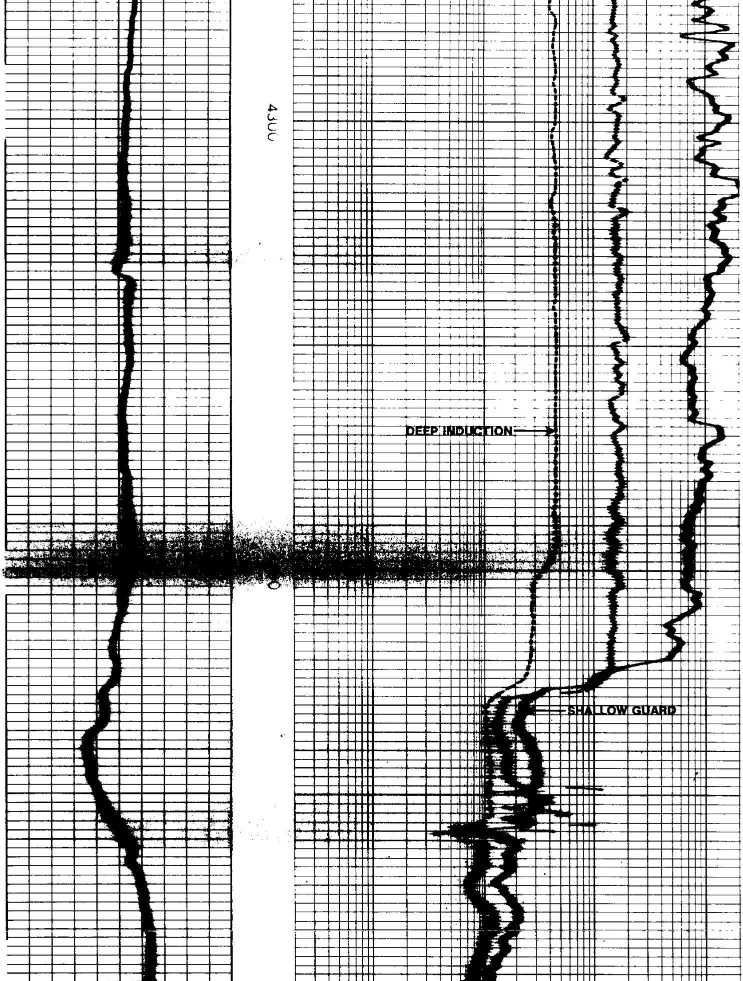


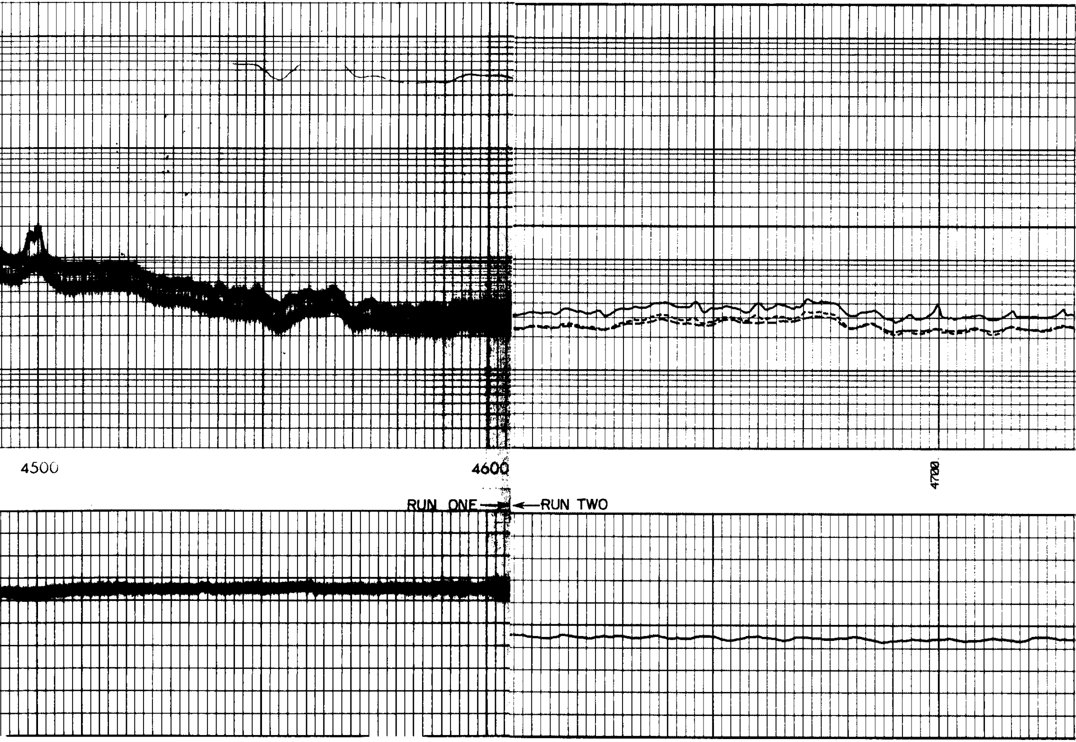


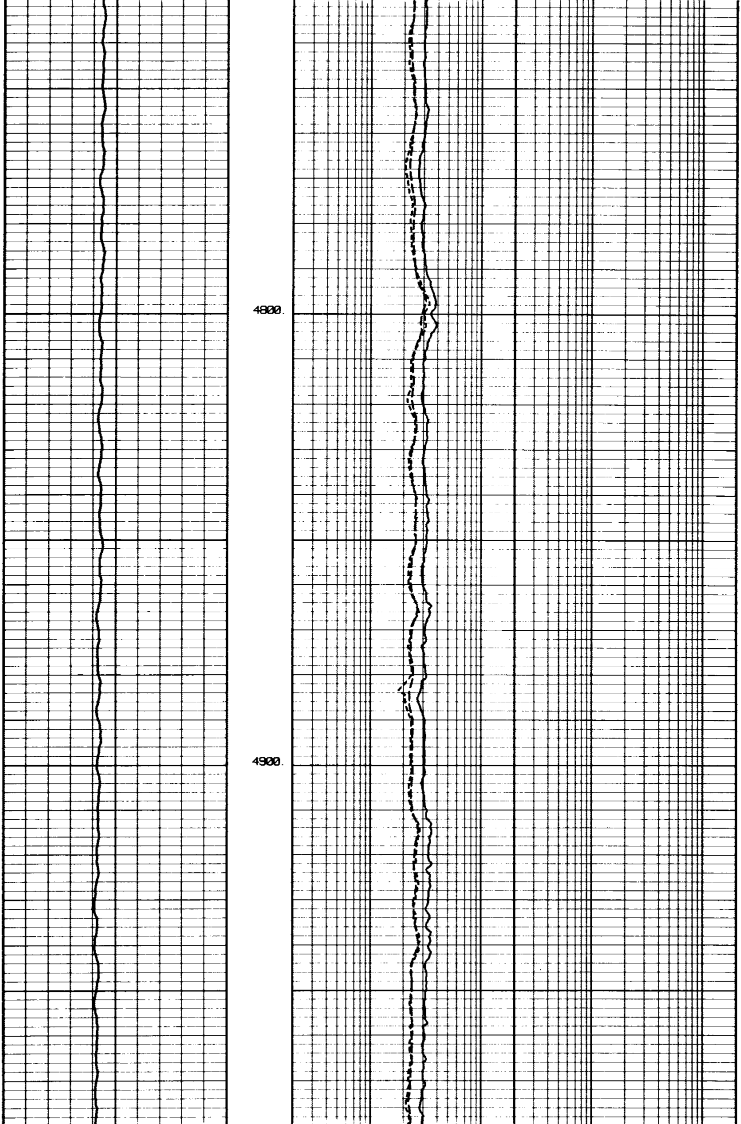


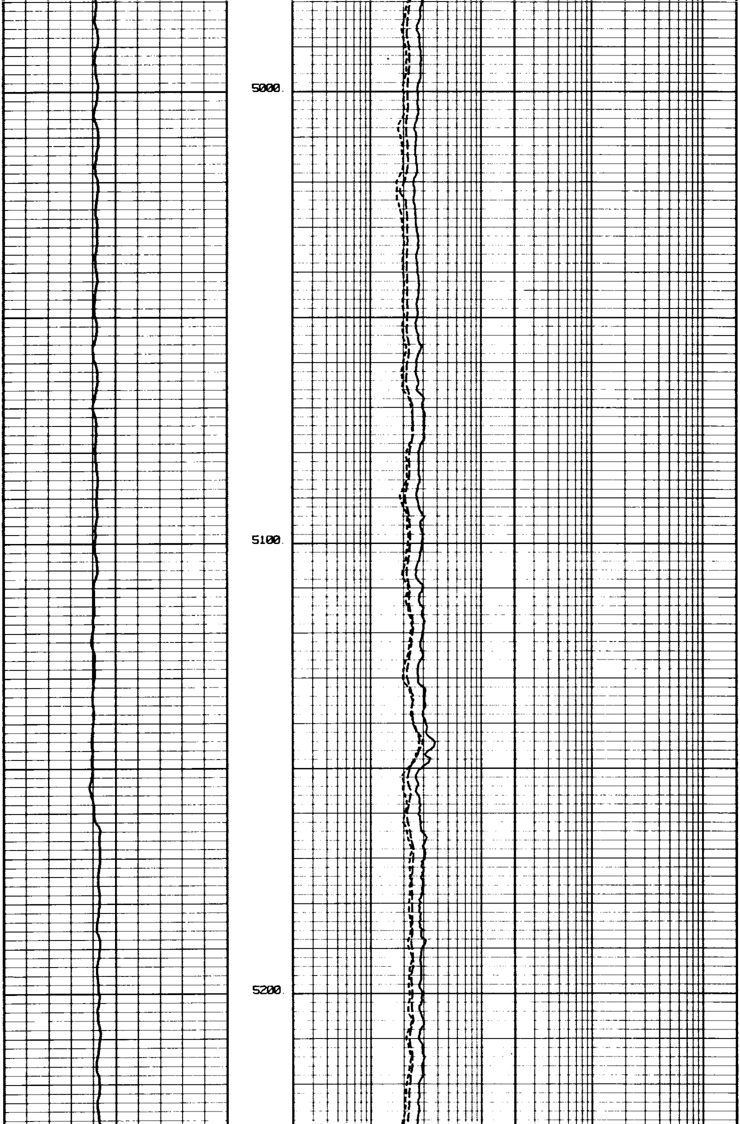


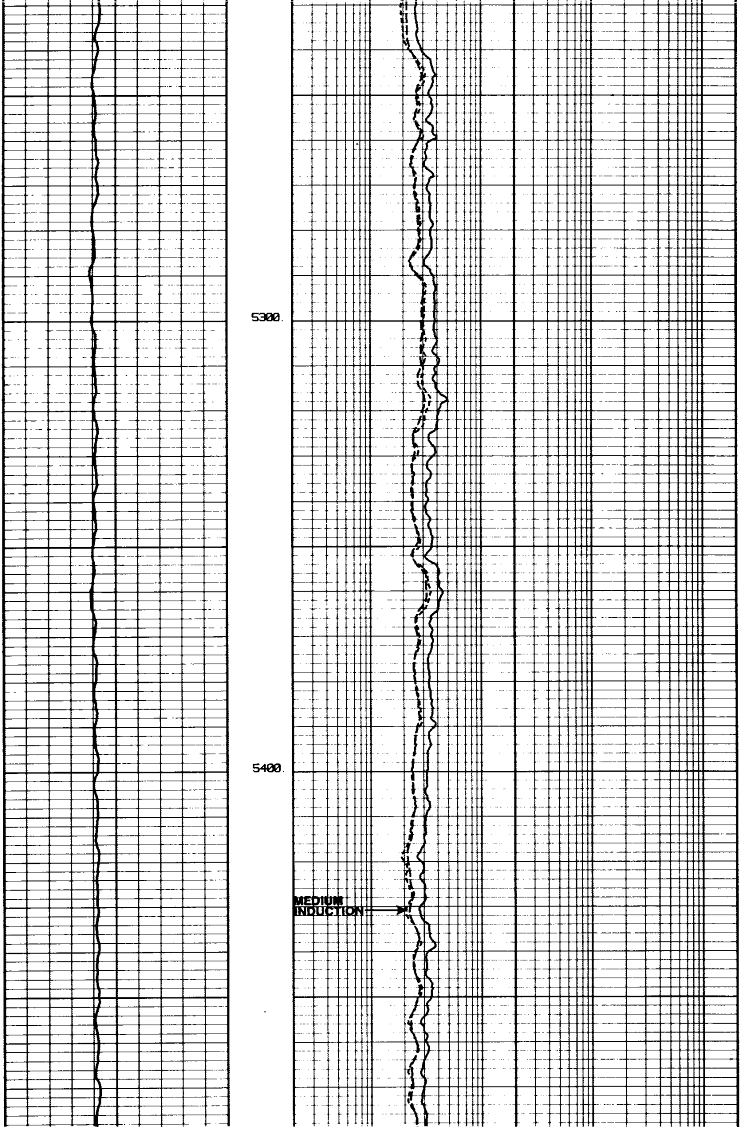


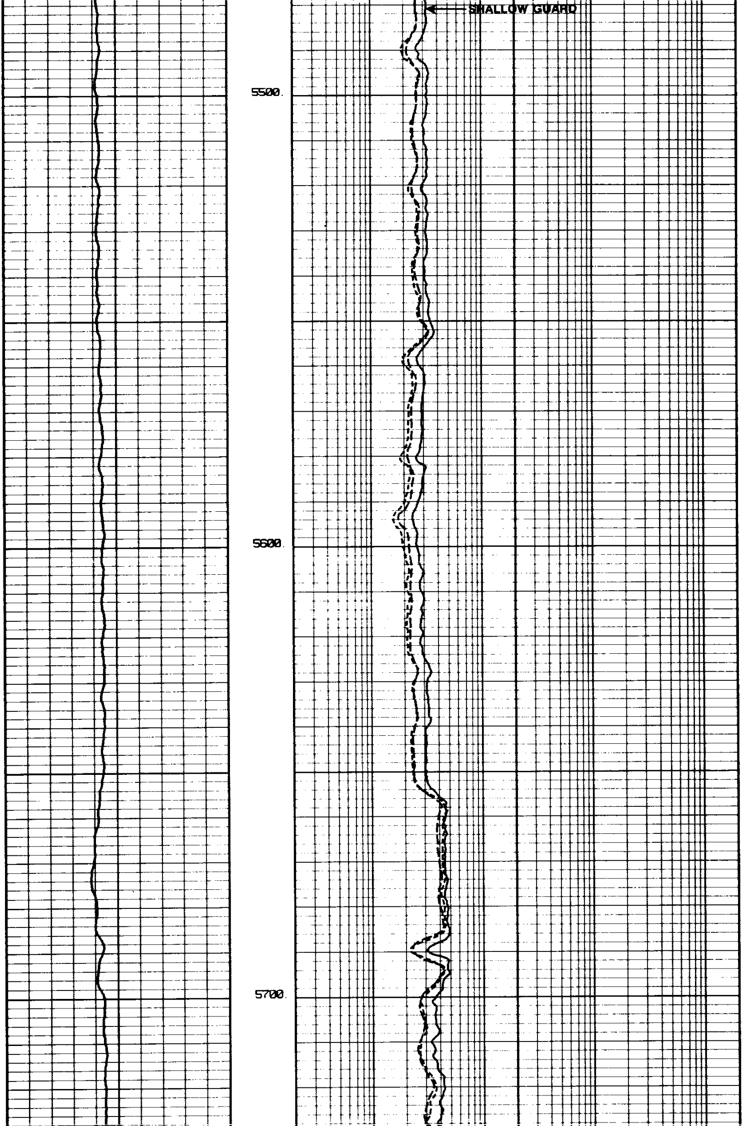


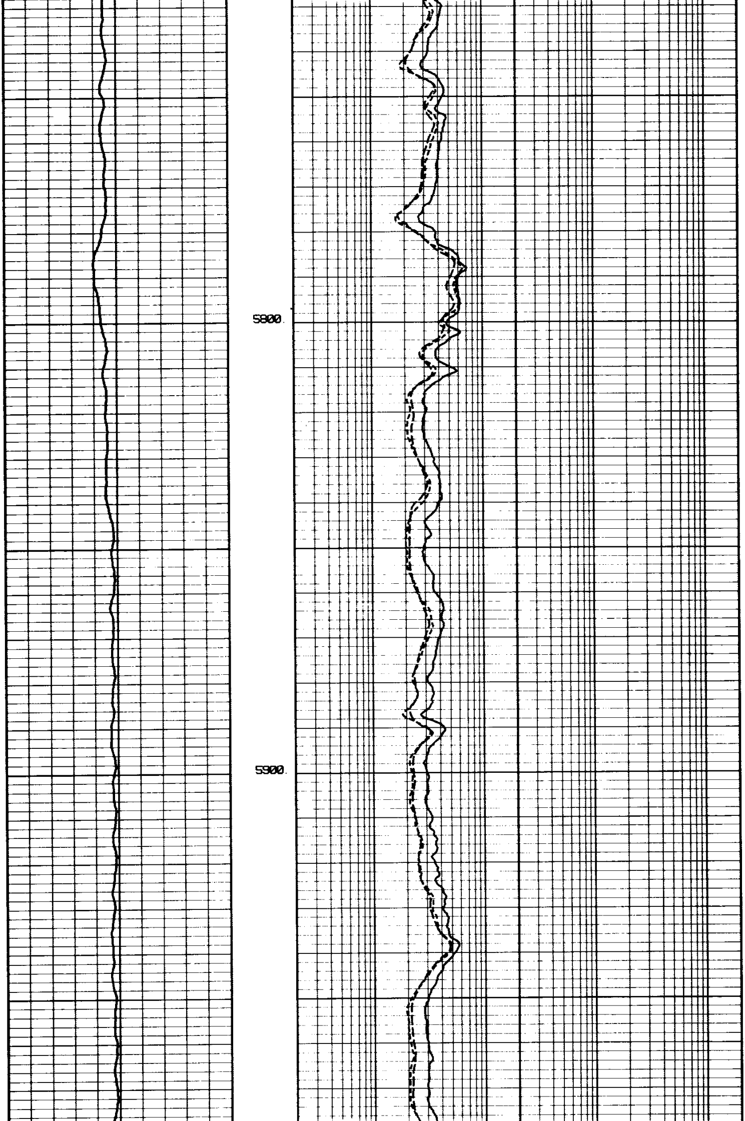


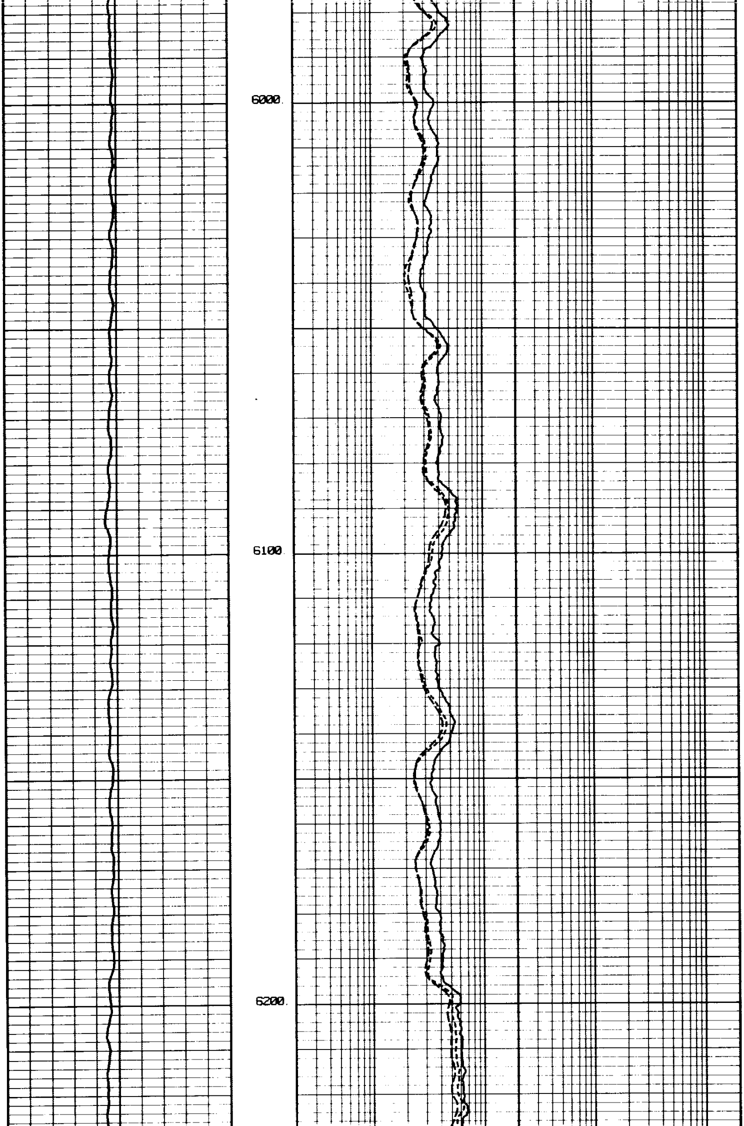


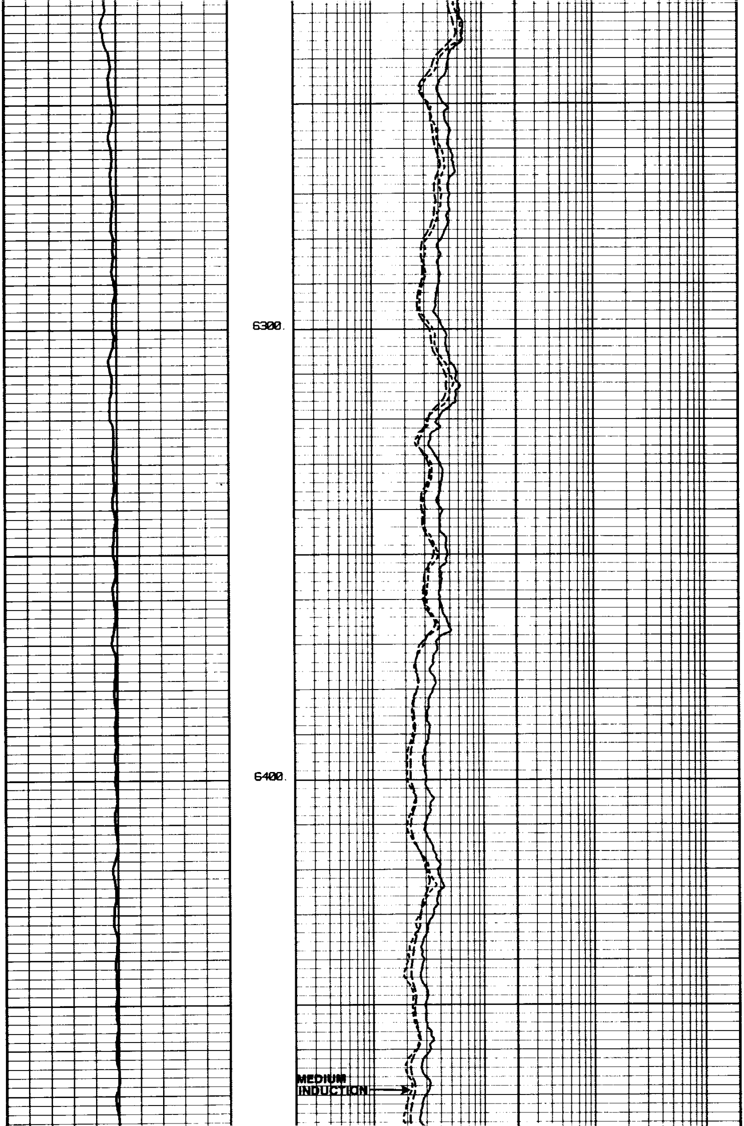


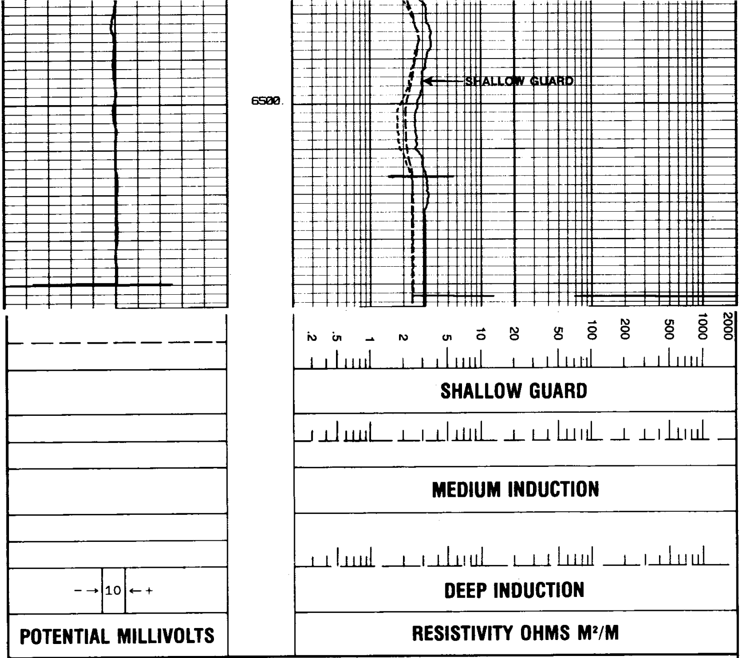












Rmf 0.55 at 120 °F.
OREGON NATURAL GAS CORPORATION
HOWARD JOHNSON 33-33
OLNEY GAS
CLATSOP COUNTY, OREGON

T.D. LOGGED 6516
T.D. DRILLER 10006
T.D. WELEX 6525
ELEV: KB 521 GL 500