



MICRO LOG

Company HAWKINS OIL, LLC Well HAAS # 1 Field LAMONT County GREENWOOD State KANSAS	Company HAWKINS OIL, LLC		
	Well HAAS # 1		
	Field LAMONT		
	County GREENWOOD	State KANSAS	
	Location: API #: 15-073-24246-00-00		Other Services CDL/N DIL
	NW SE SE NW 2110' FNL & 2110' FWL SEC 25 TWP 22S RGE 12E		Elevation
	Permanent Datum GL	Elevation 1092	K.B. 1098
	Log Measured From GL		D.F. 1097
	Drilling Measured From GL		G.L. 1092
Date	6-10-2022		
Run Number	ONE		
Depth Driller	2260		
Depth Logger	2259		
Bottom Logged Interval	2257		
Top Log Interval	200		
Casing Driller	8.625" @ 198		
Casing Logger	8.625" @ 204		
Bit Size	7.875		
Type Fluid in Hole	MUD		
Density / Viscosity			
pH / Fluid Loss			
Source of Sample			
Rm @ Meas. Temp			
Rmf @ Meas. Temp			
Rmc @ Meas. Temp			
Source of Rmf / Rmc			
Rm @ BHT			
Time Circulation Stopped			
Time Logger on Bottom			
Maximum Recorded Temperature			
Equipment Number	OW2		
Location	HOMINY, OK		
Recorded By	SHELDON TYLER	KIDD	TAFT
Witnessed By	MR. STOUT		

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

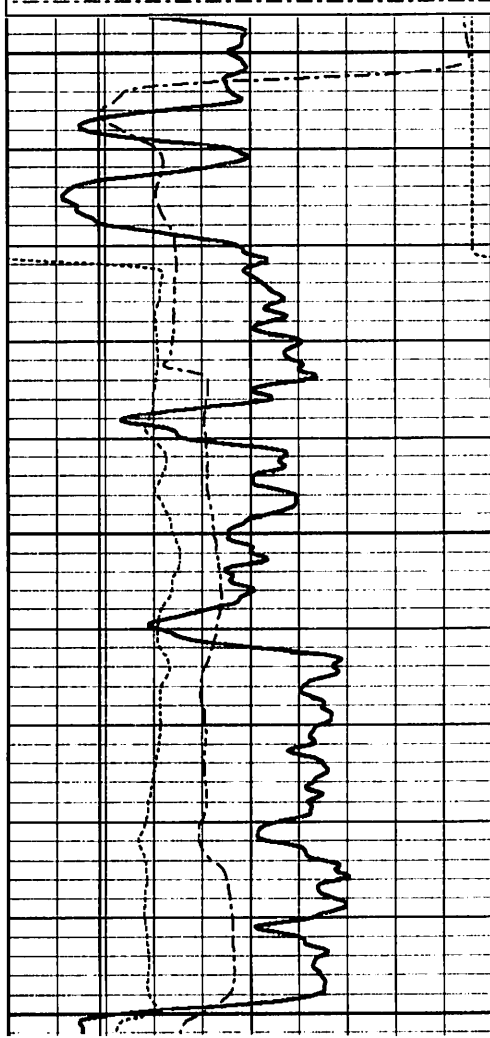
FILE # OW2-9071 HAWKINS OIL
RIG DID NOT HAVE A MUD SHEET
THANK YOU FOR USING OSAGE WIRELINE



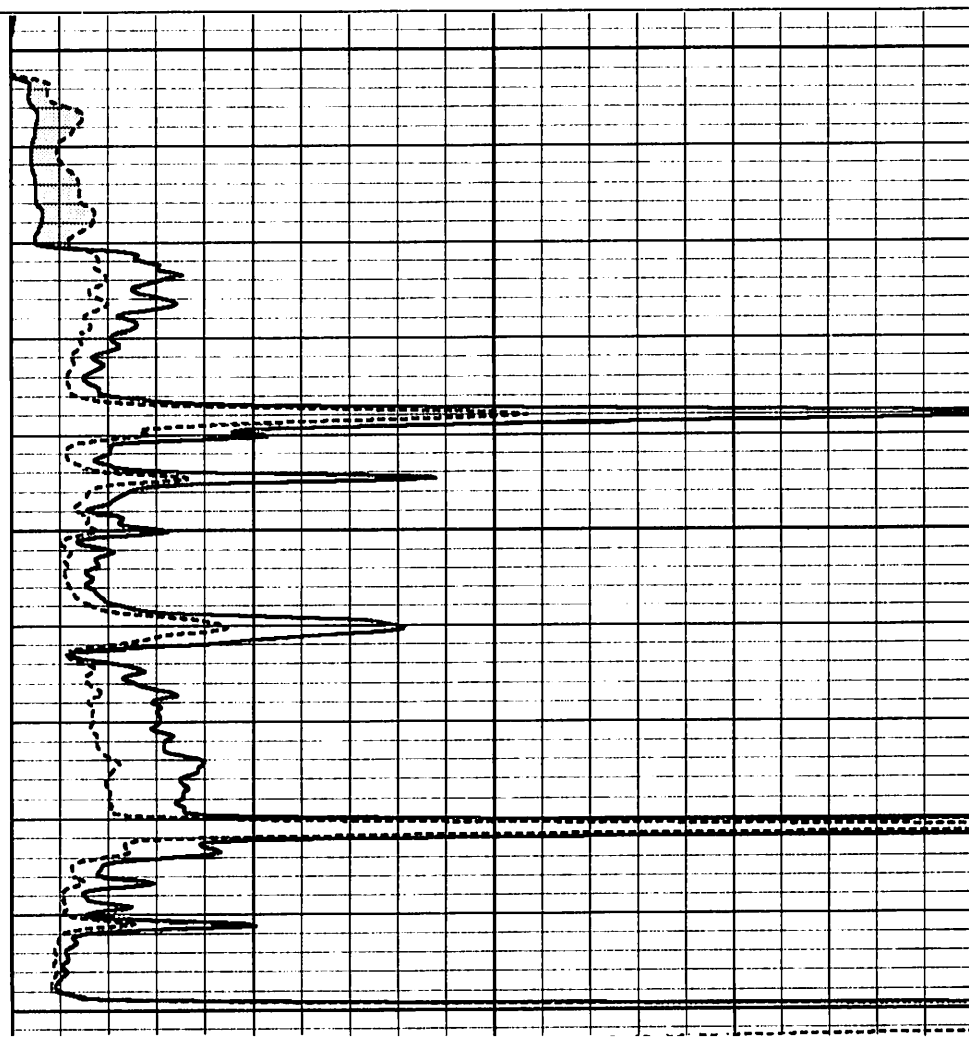
5" MICRO LOG

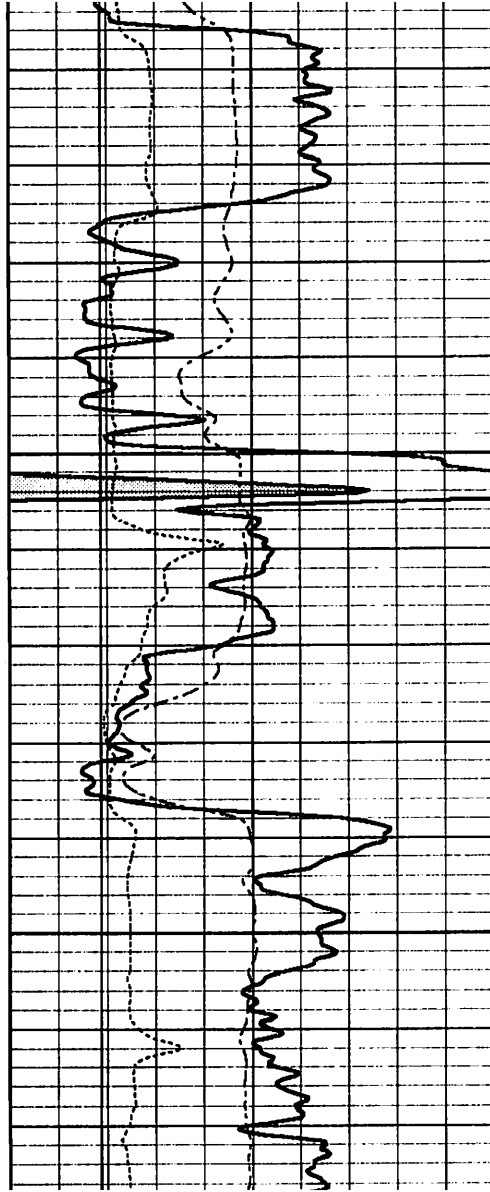
Database File	ow2-9071 hawkins oil.db
Dataset Pathname	pass2.8
Presentation Format	st_digitalmicro_6-16
Dataset Creation	Sat Jun 11 01:37:56 2022
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	100
6	Micro Caliper (in)	16
6	Bit Size (in)	16
0	Spontaneous Potential (mV)	200



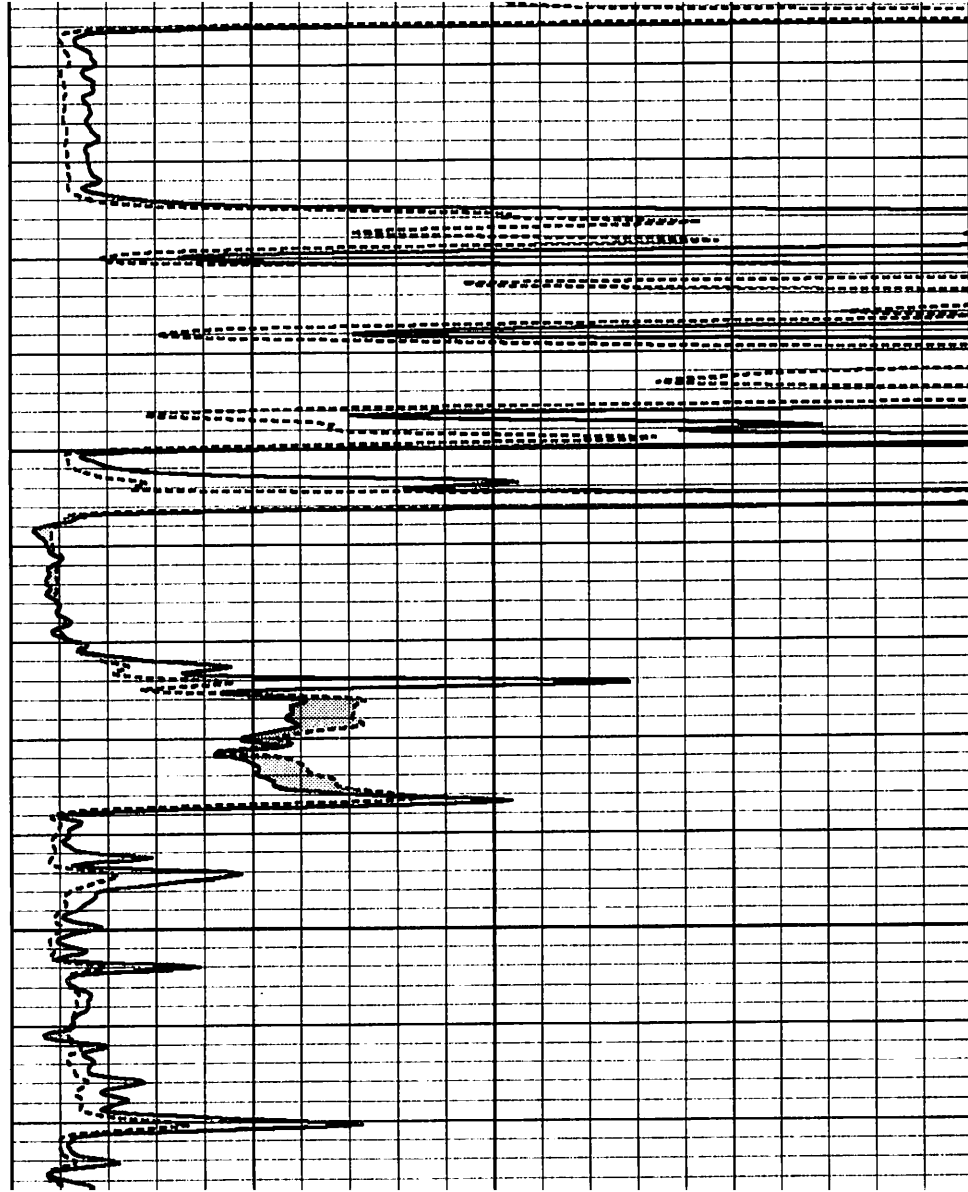
0	Micro Normal (Ohm-m)	40
0	Micro Inverse (Ohm-m)	40

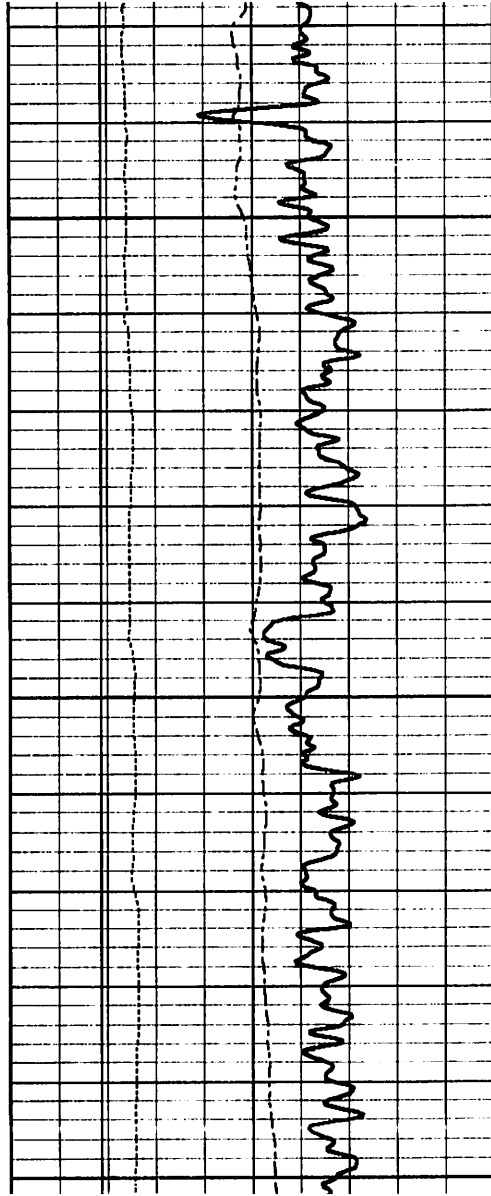




350

400

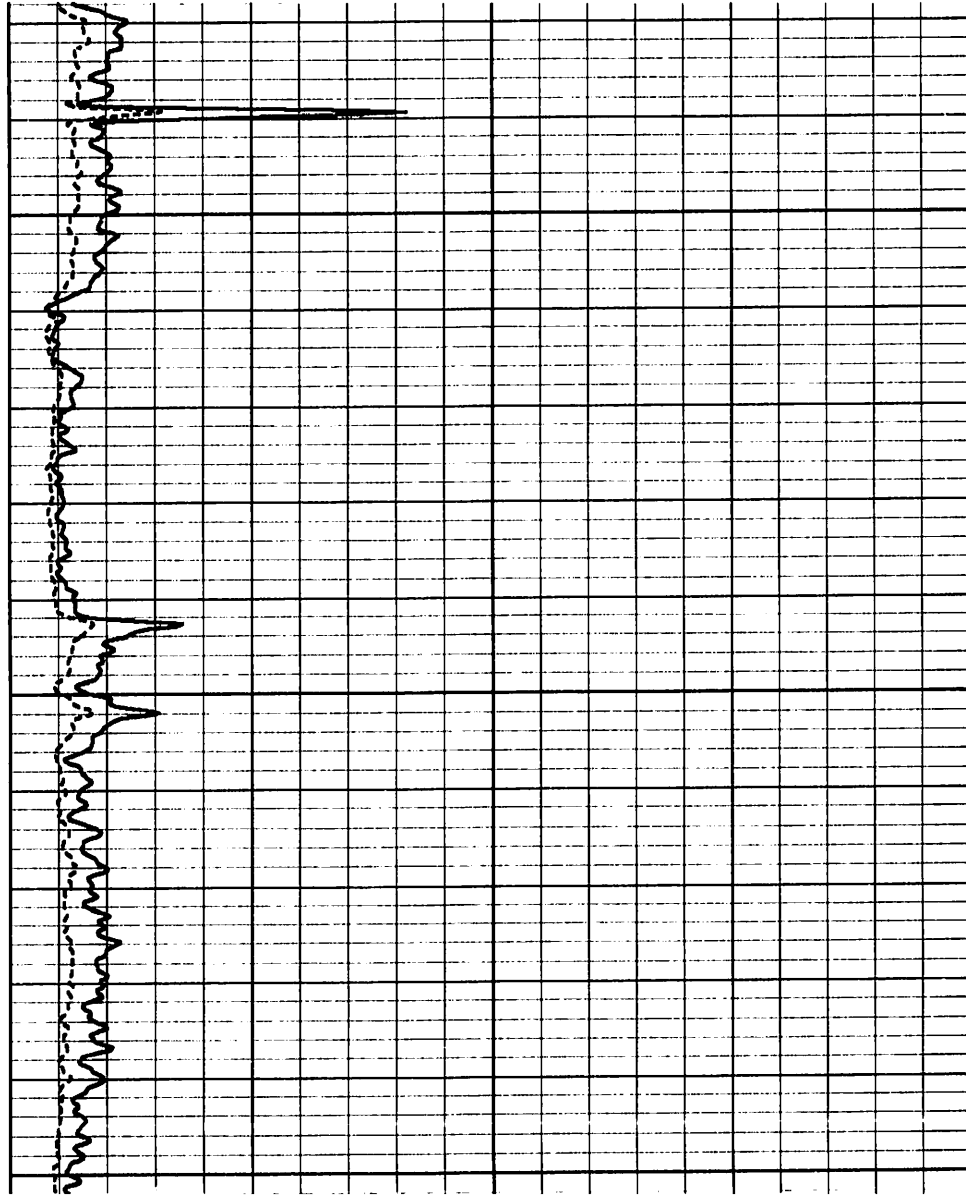


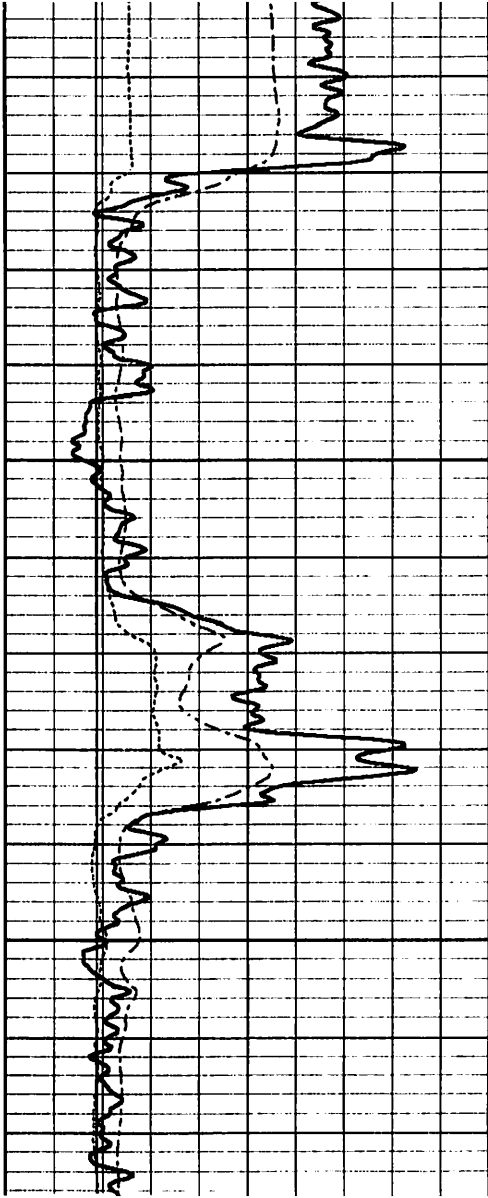


450

500

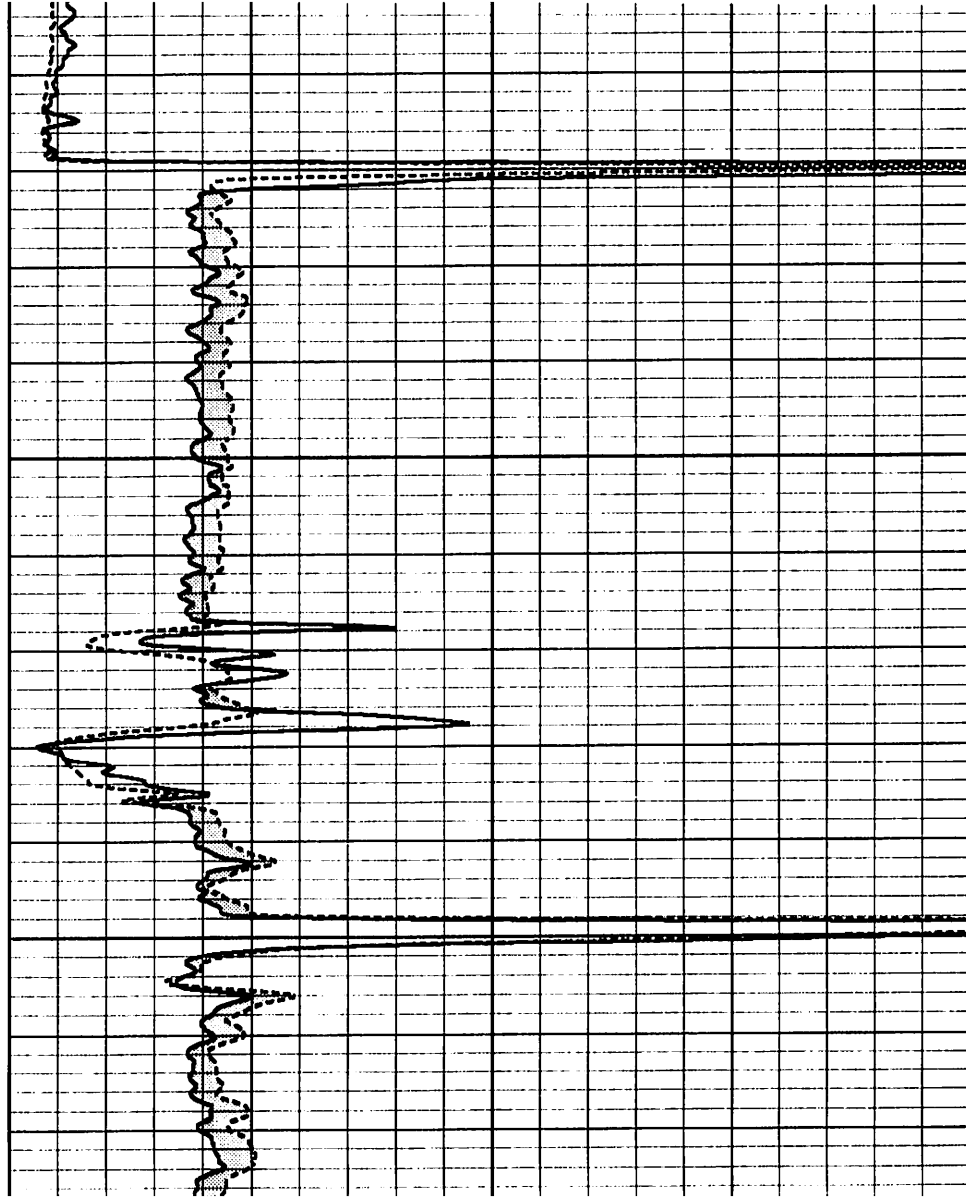
550



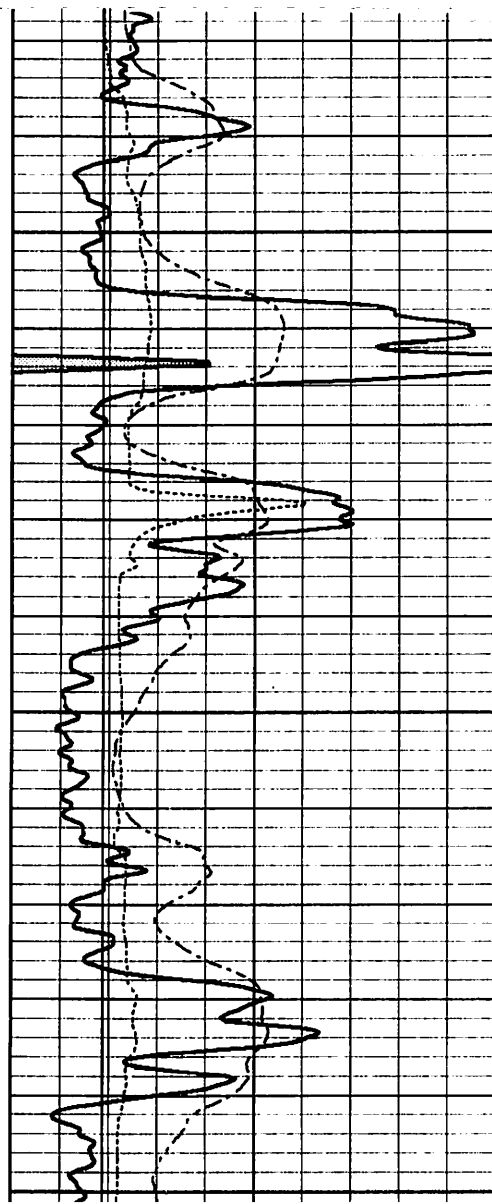


600

650



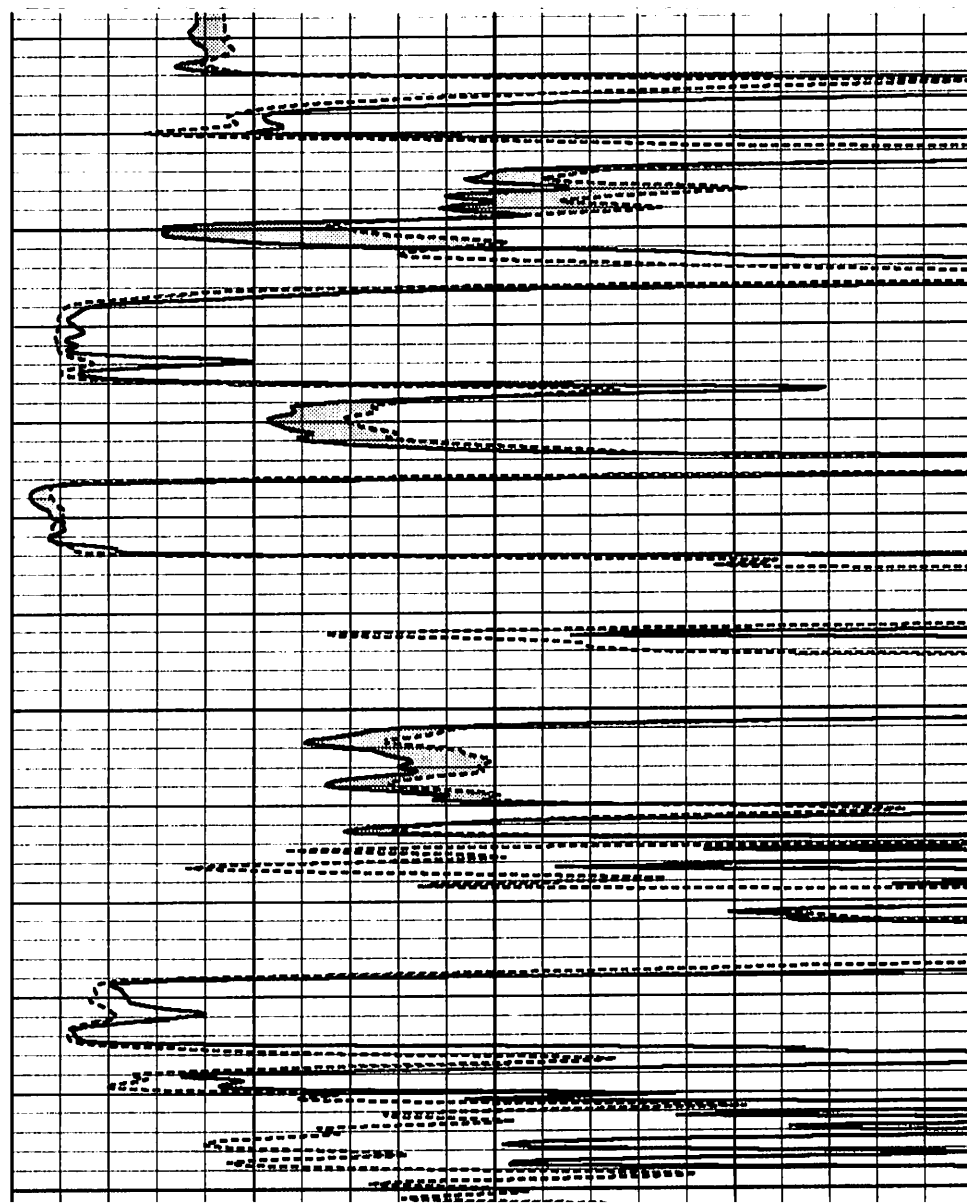


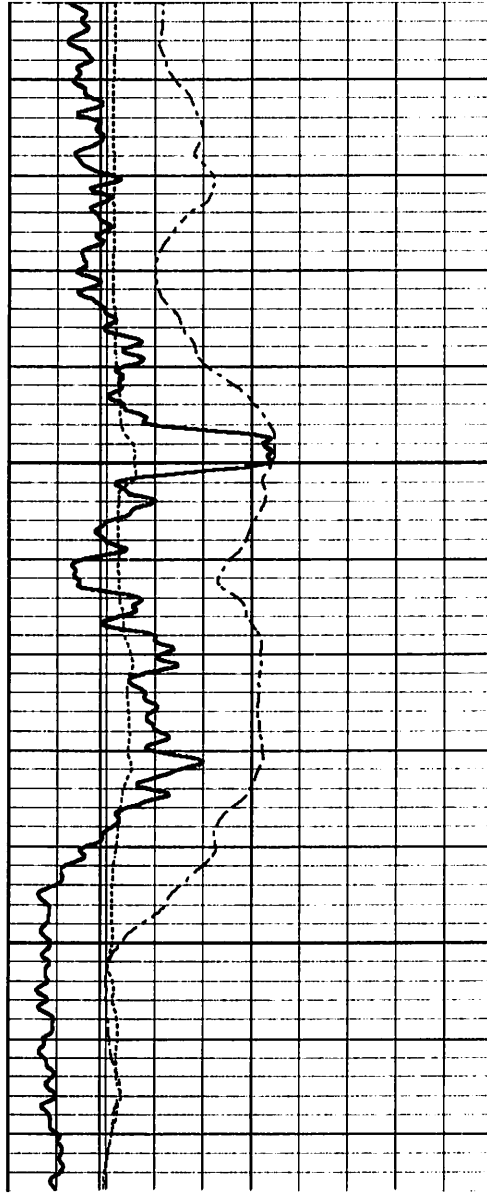


700

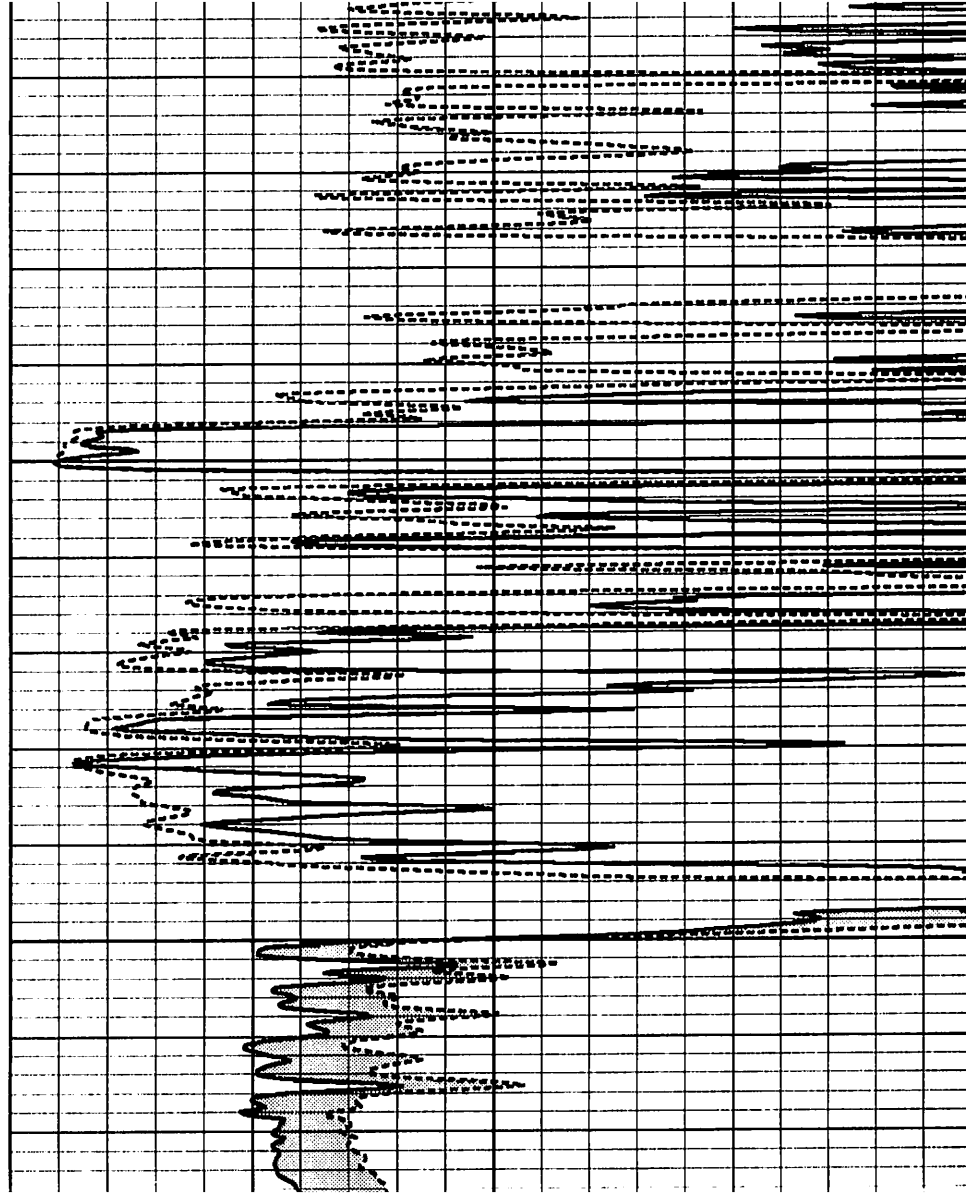
750

800



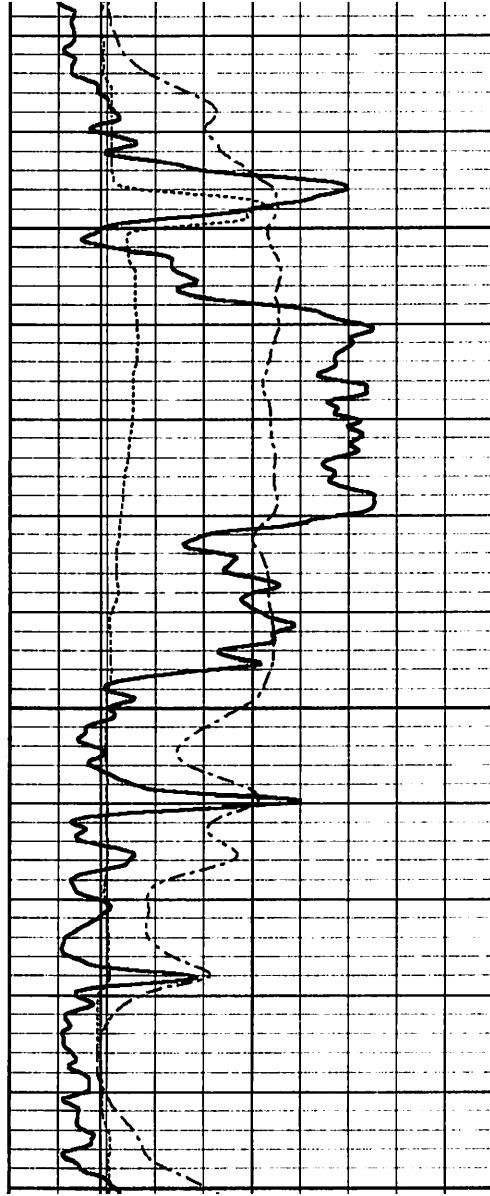


850



900

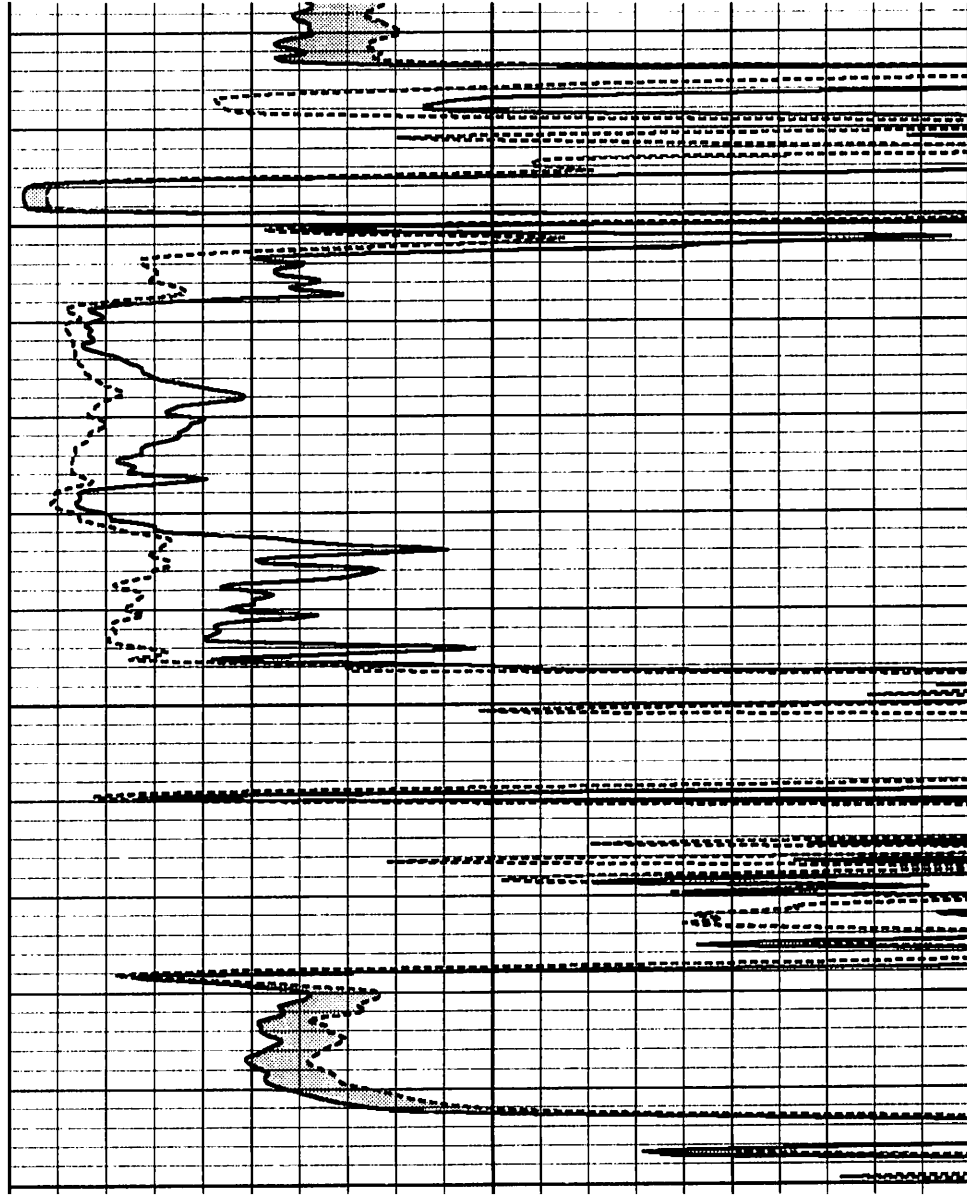


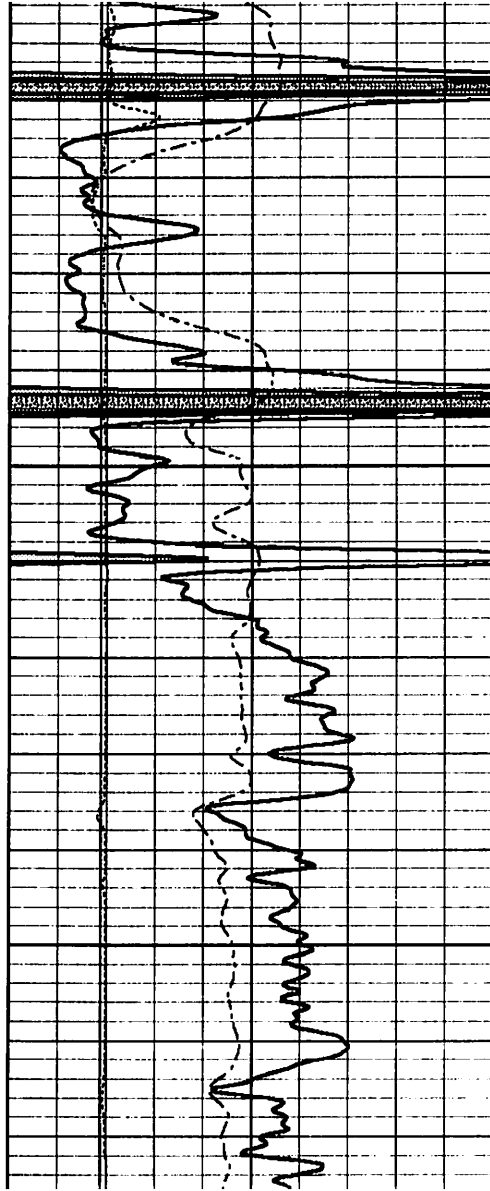


950

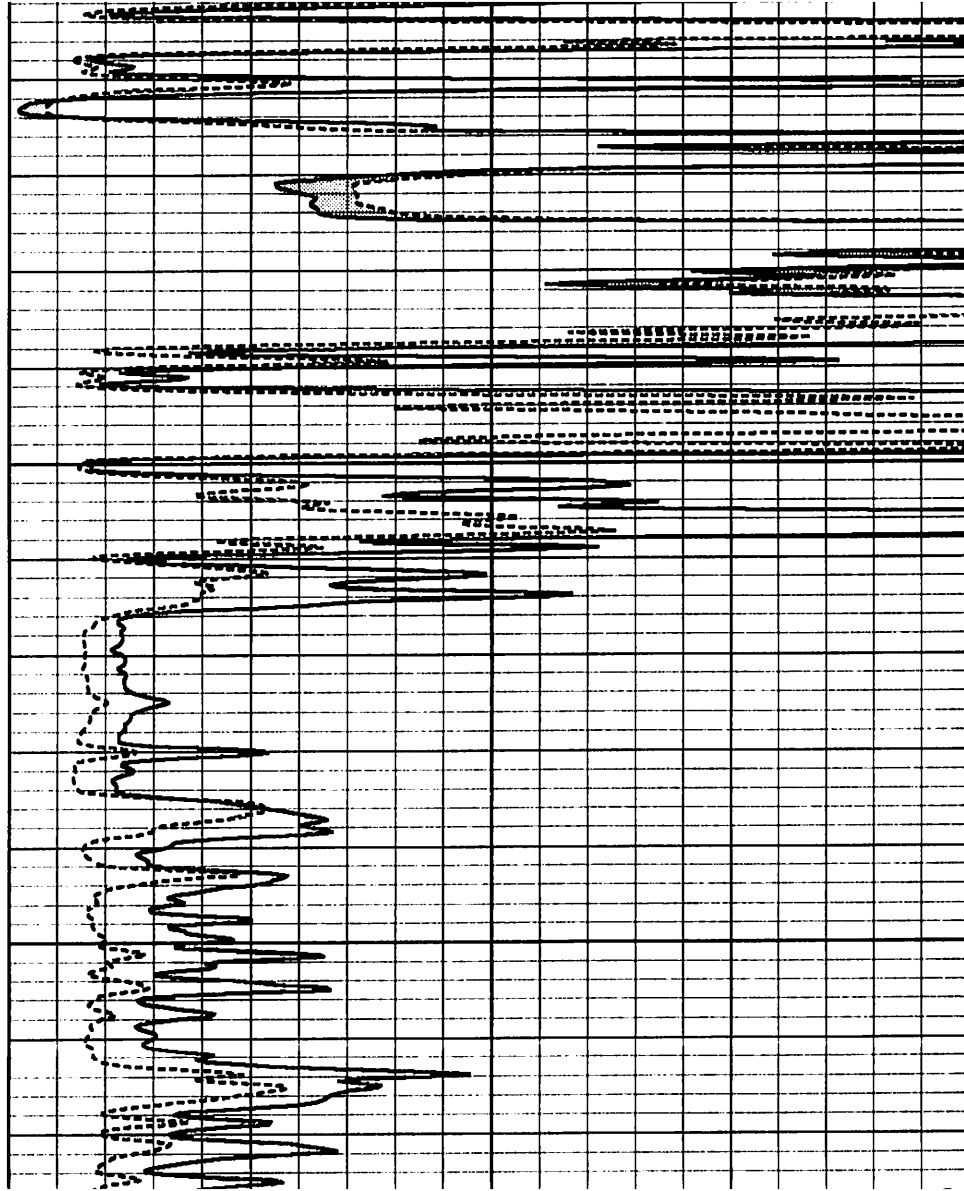
1000

1050

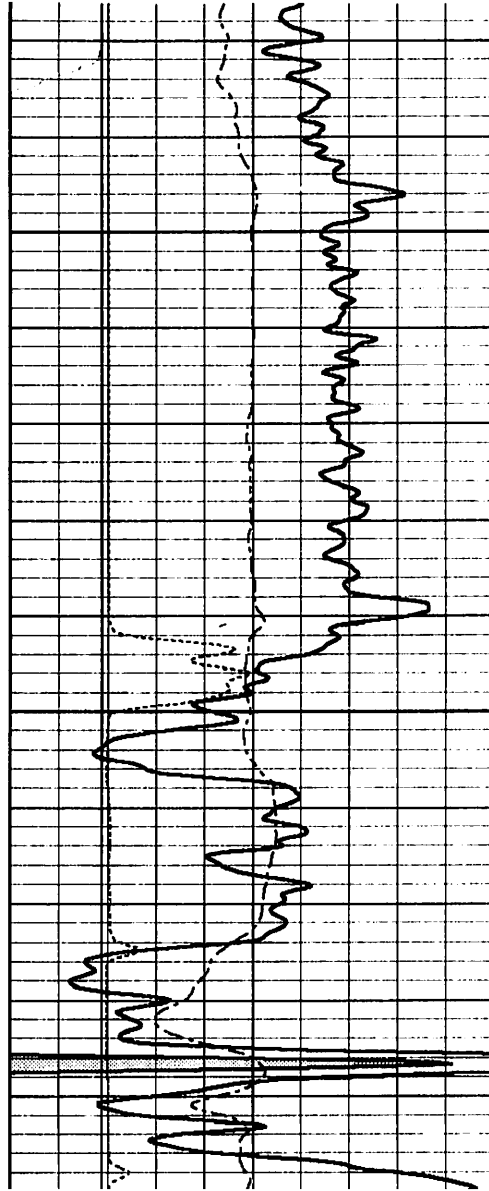




1100



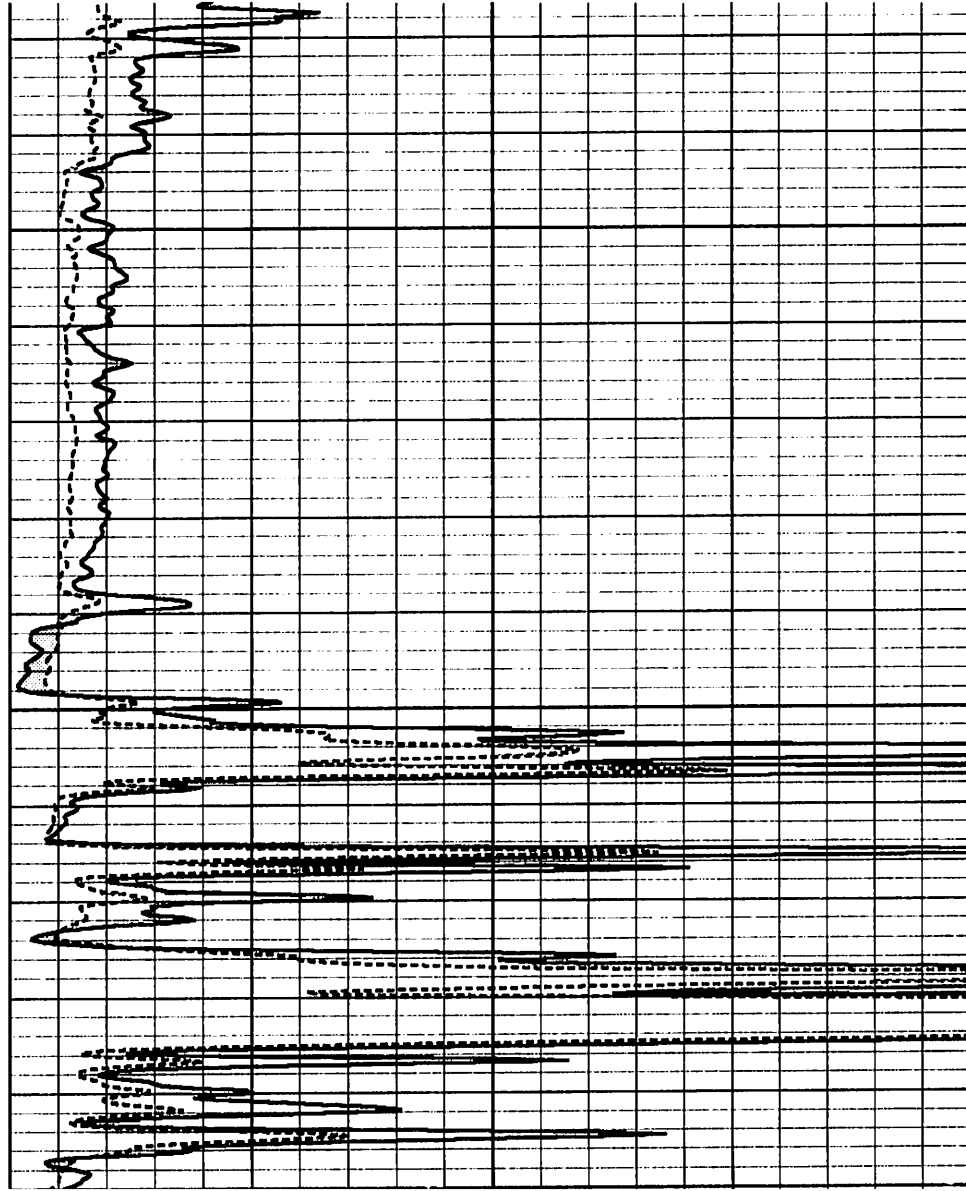
1150

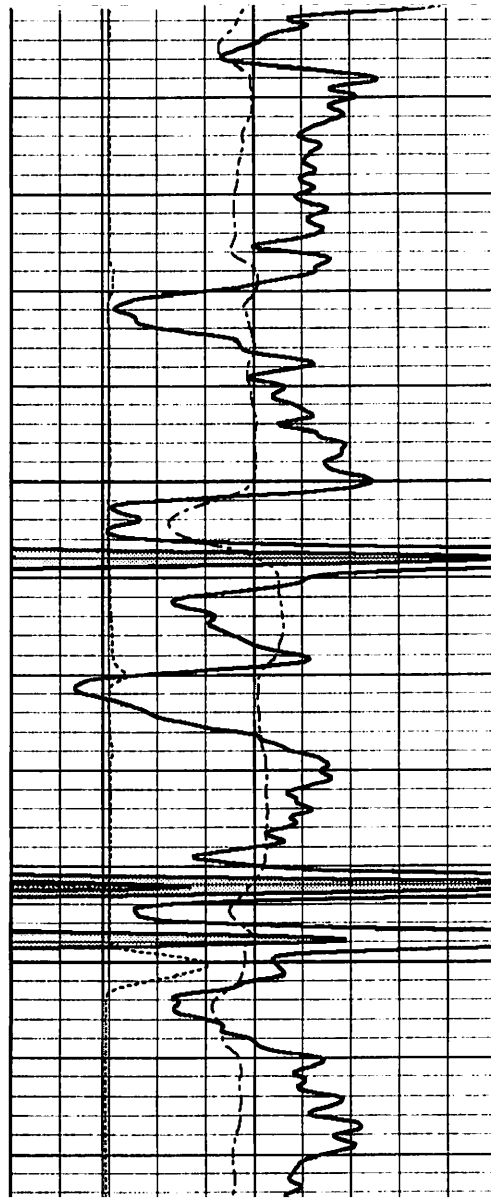


1200

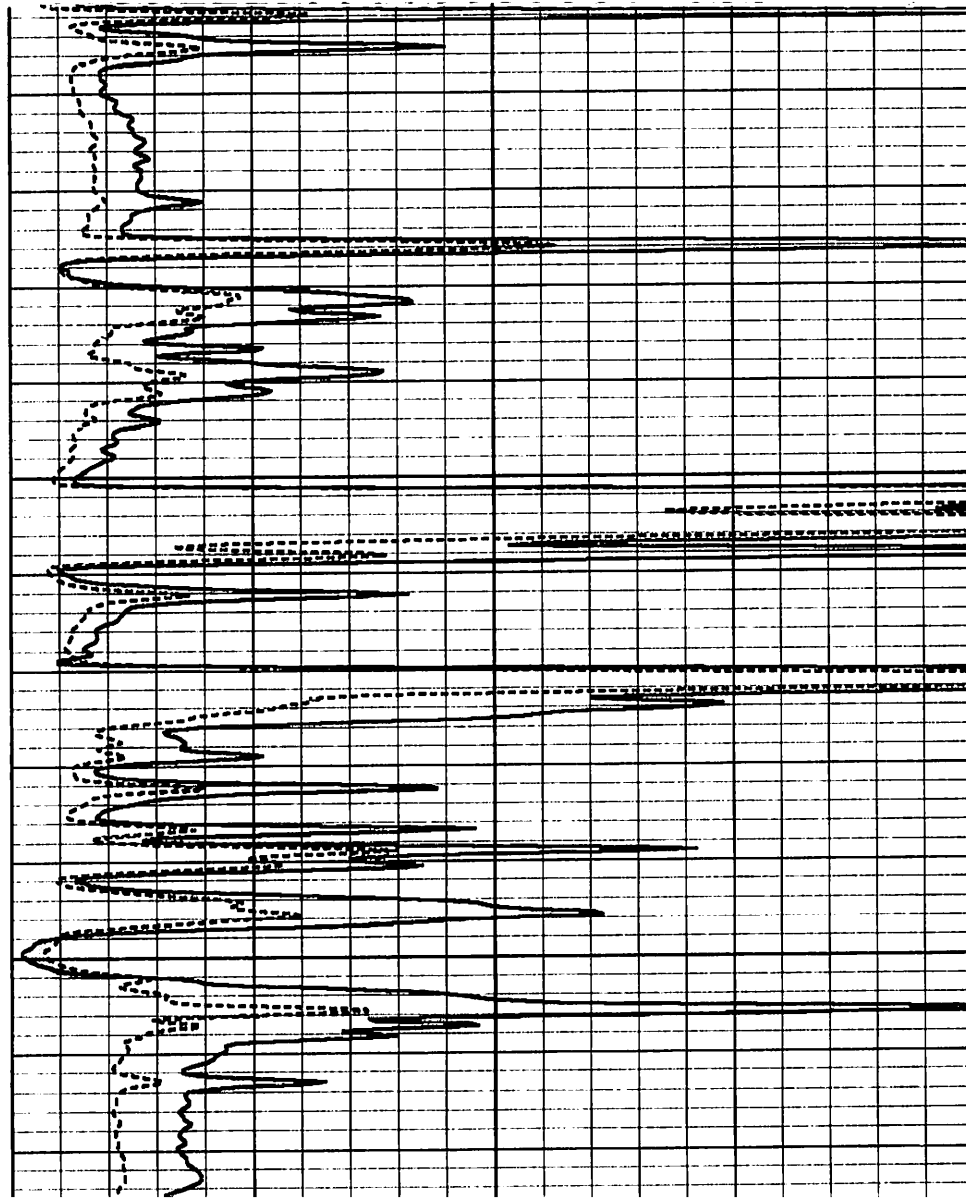
1250

1300

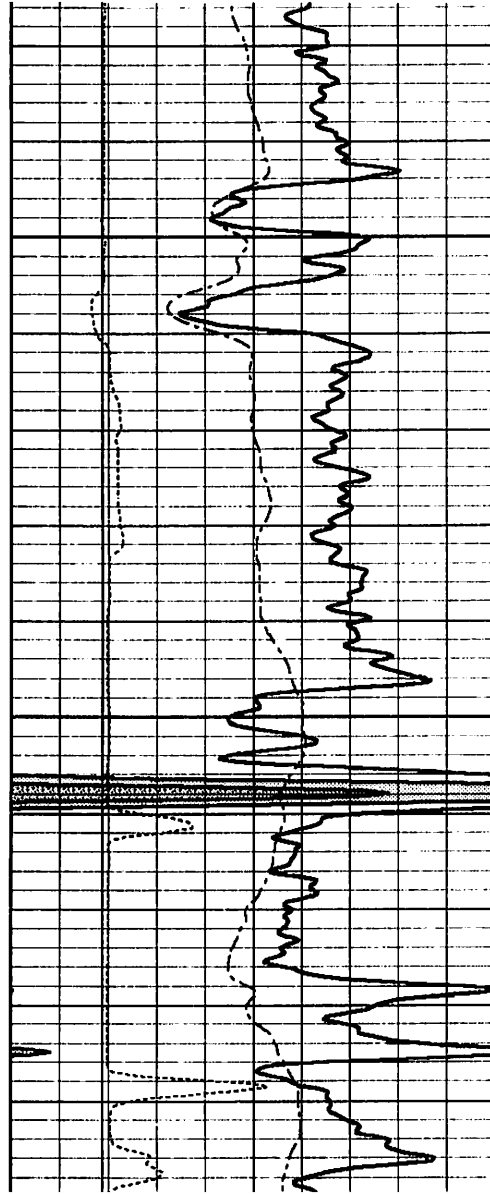




1350



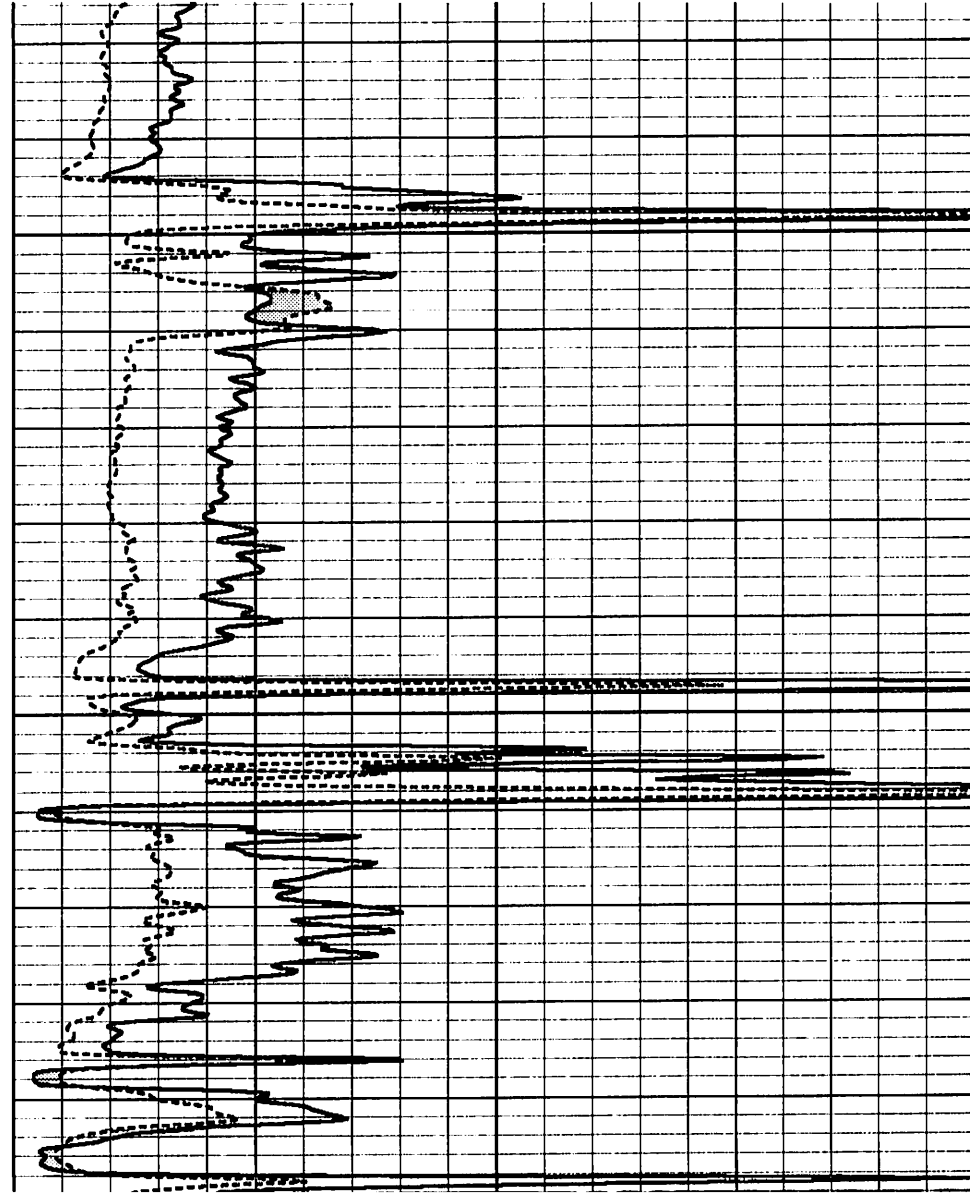
1400

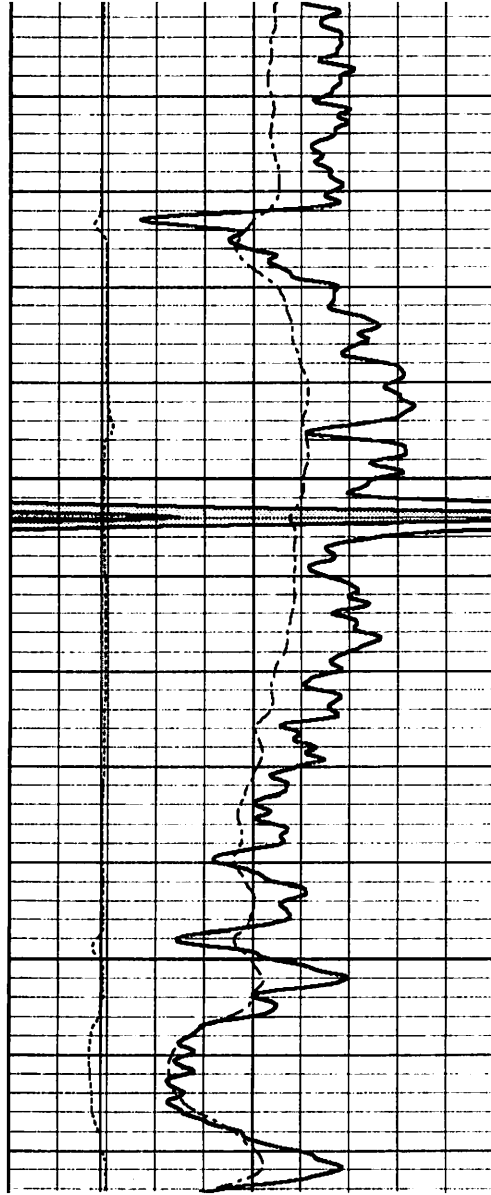


1450

1500

1550

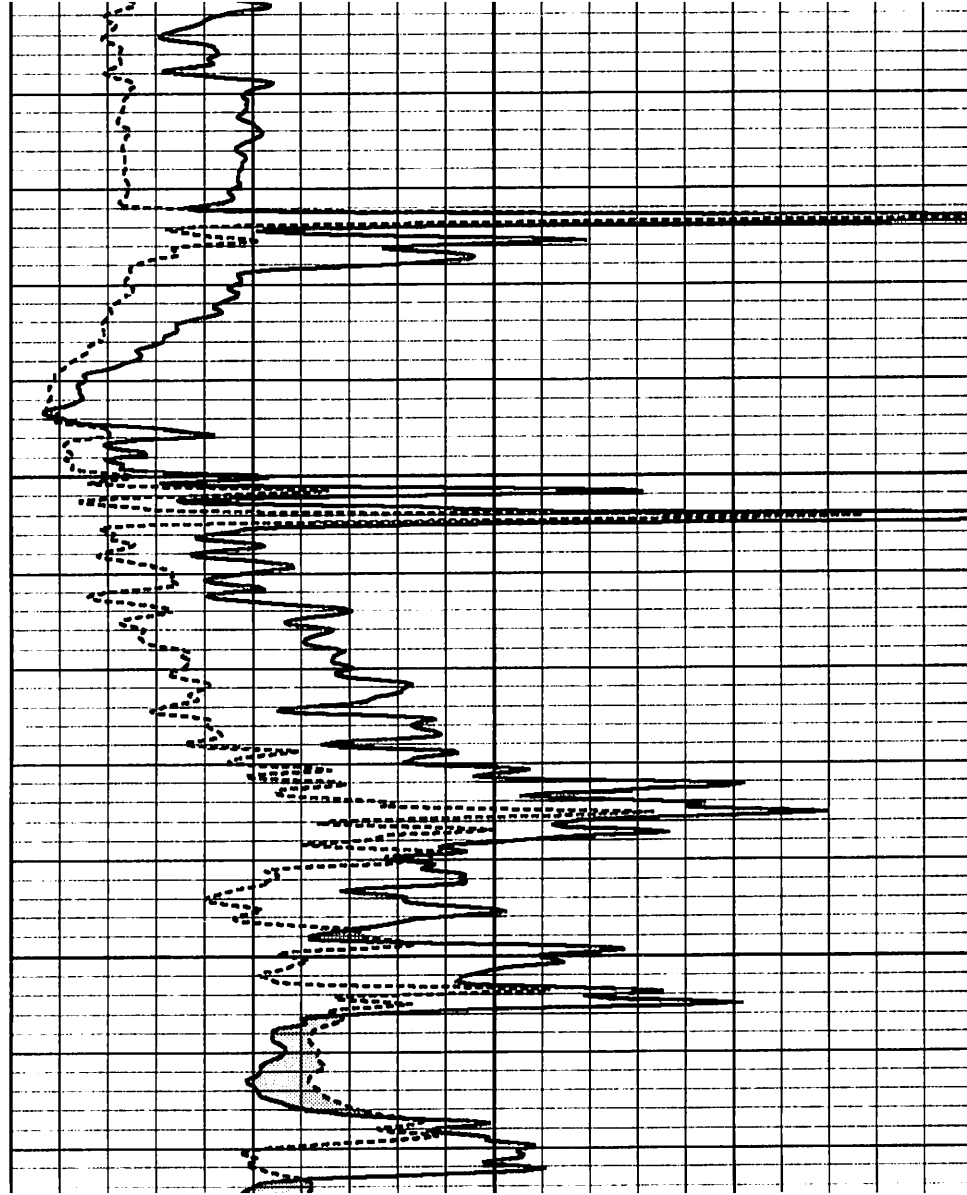




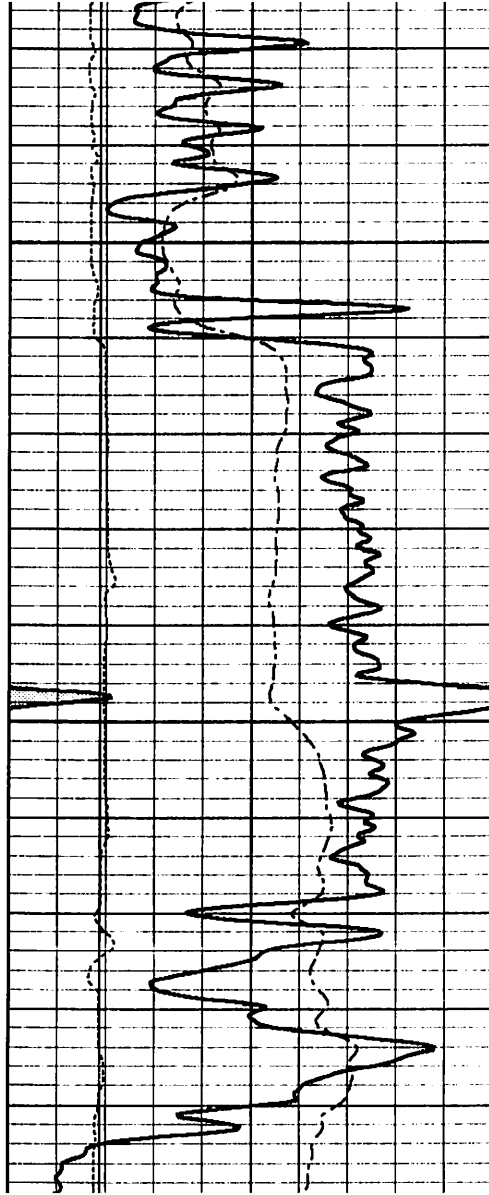
1650

1600

1650

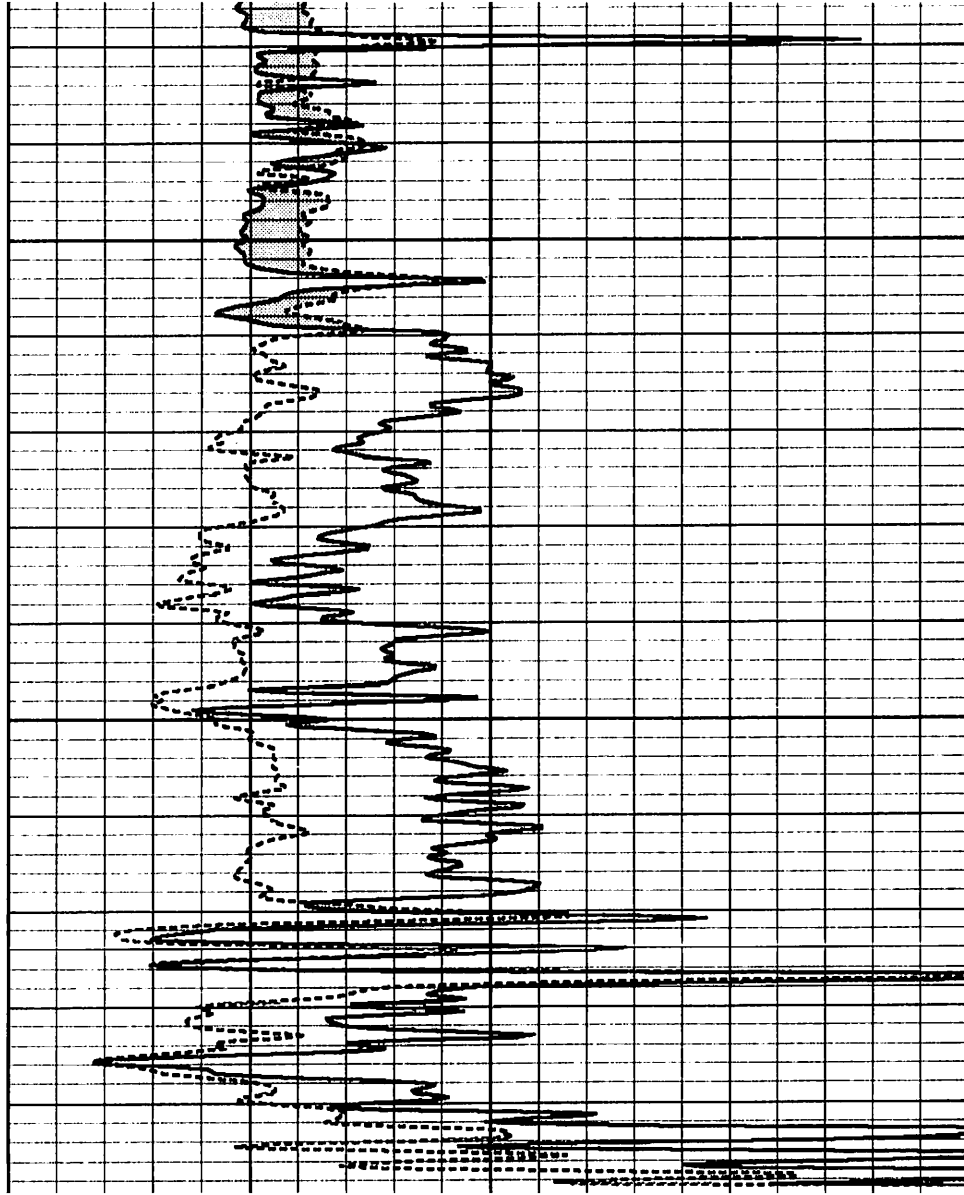


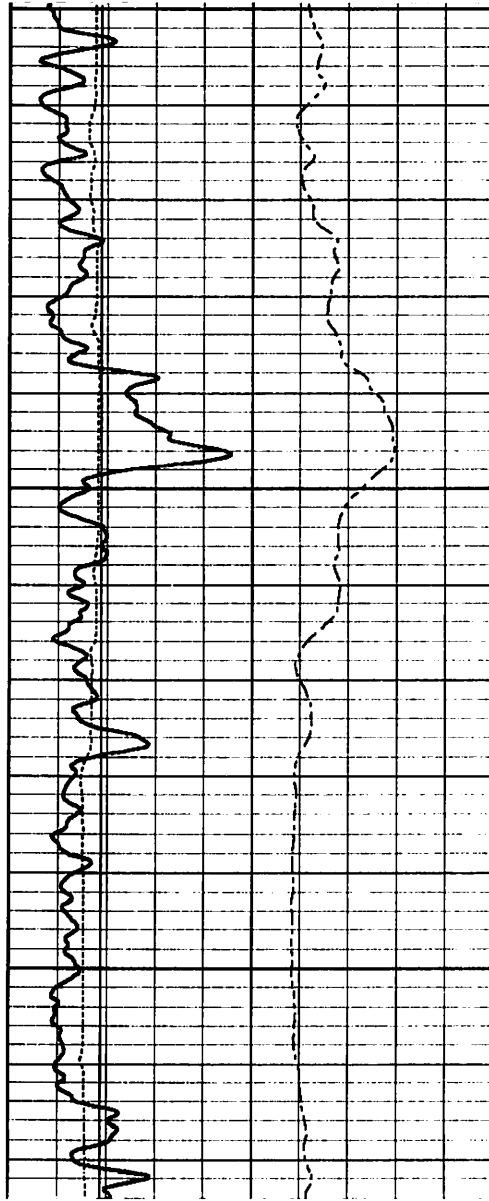




1700

1750

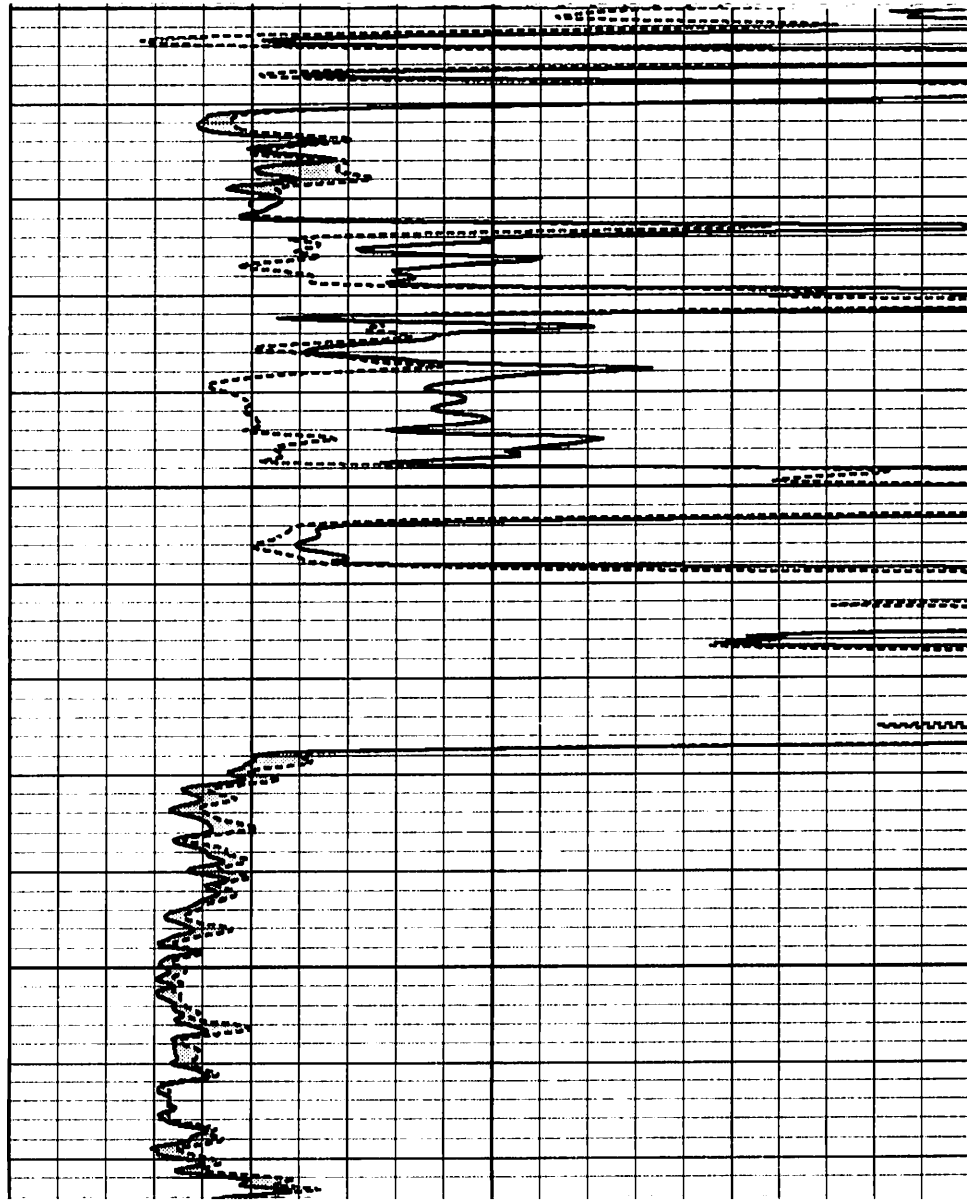


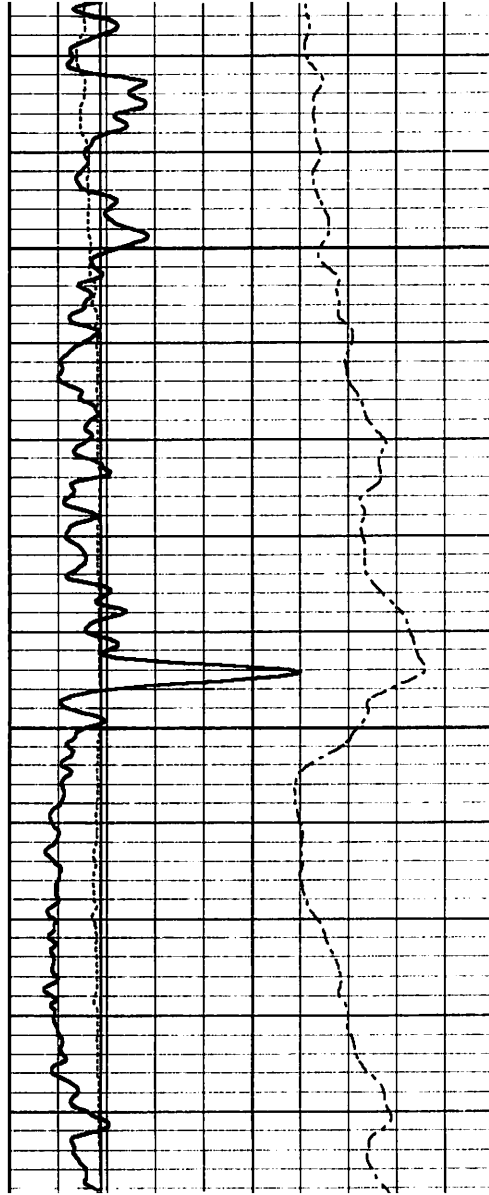


1800

1850

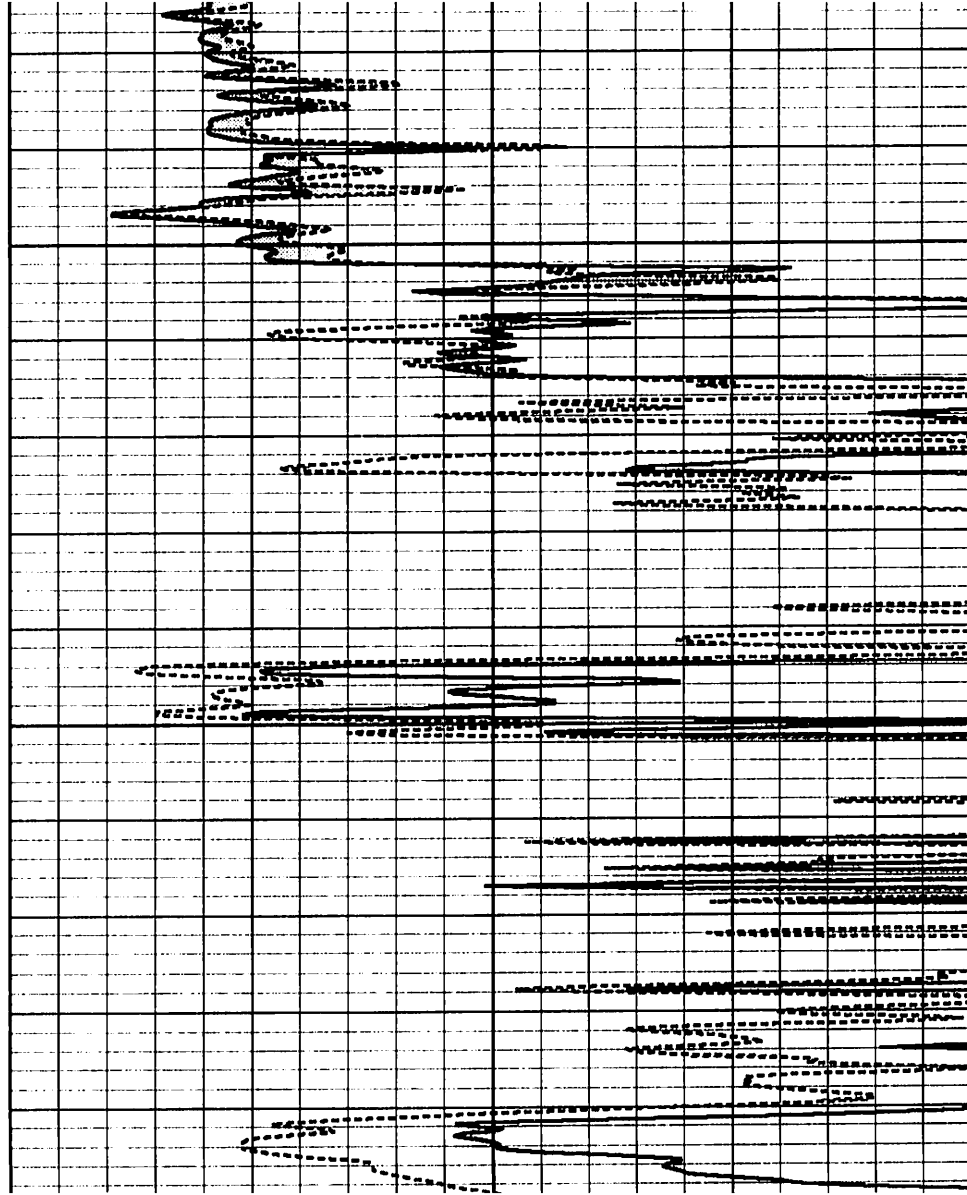
1900

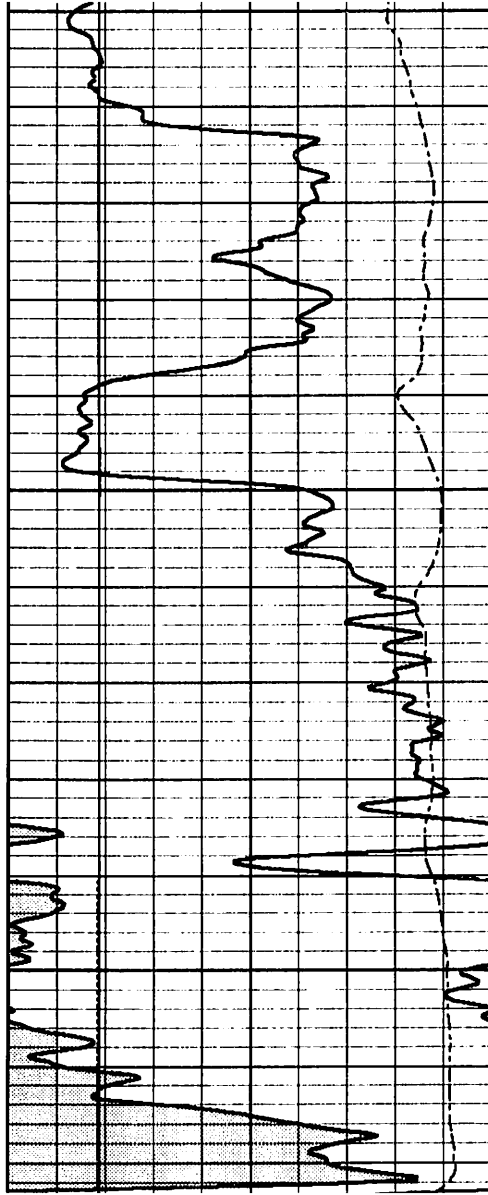




1950

2000

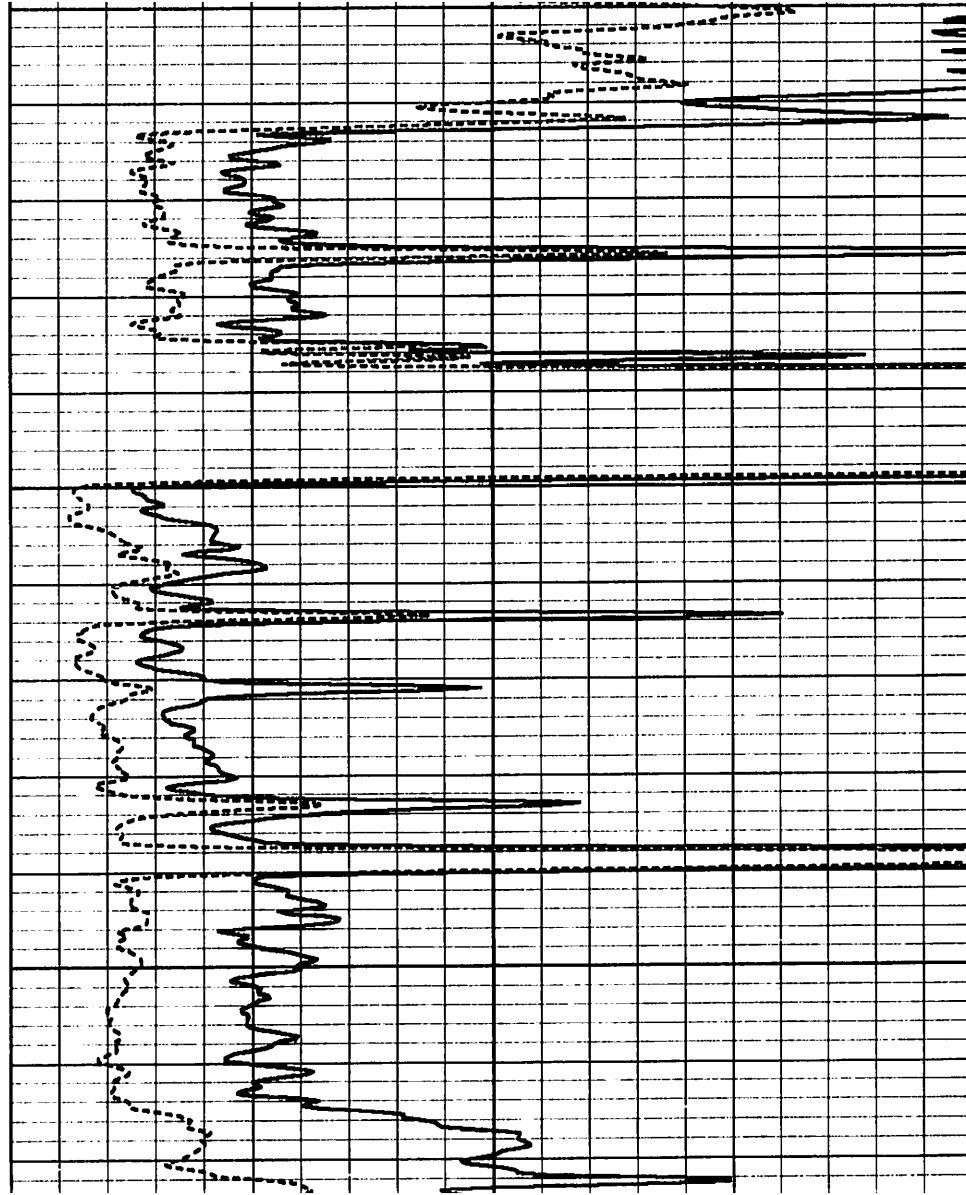


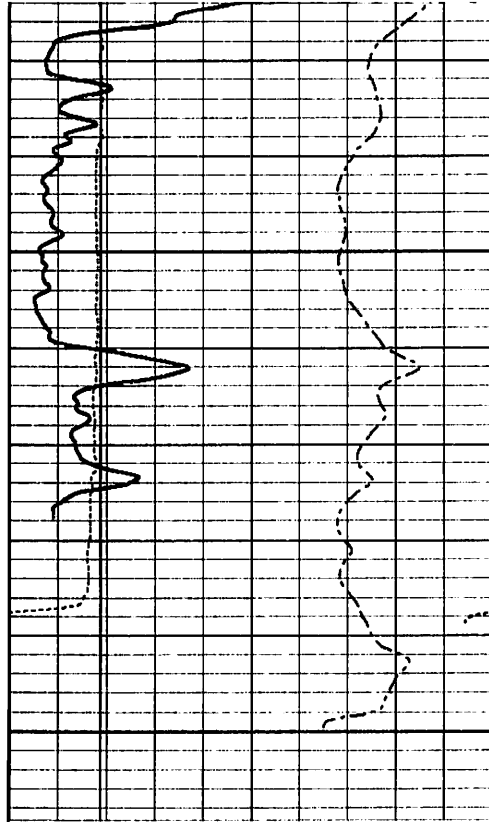


2050

2100

2150

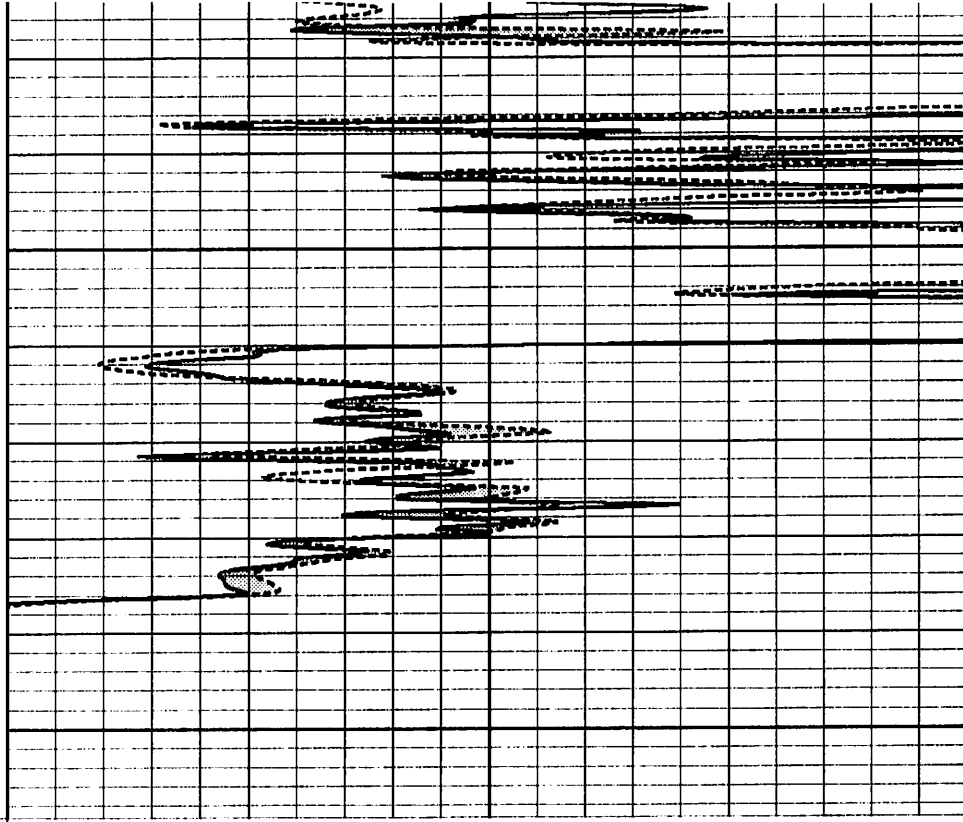




2200

2250

0	Gamma Ray (GAPI)	150
6	Micro Caliper (in)	16
6	Bit Size (in)	16
0	Spontaneous Potential (mV)	200



0	Micro Normal (OHm-m)	40
0	Micro Inverse (OHm-m)	40

Calibration Report

Database File ow2-9071 hawkins oil.db
 Dataset Pathname pass2.8
 Dataset Creation Sat Jun 11 01:37:56 2022

Dual Induction Calibration Report

Serial-Model: 5375-G
 Surface Cal Performed: Mon May 30 14:52:28 2022
 Downhole Cal Performed: Tue Nov 17 10:50:14 2020
 After Survey Verification Performed: Tue Nov 17 10:50:14 2020

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.007	0.642	V	1.000	400.000	mmho/m	628.476	-3.350
Medium	0.010	0.728	V	-15.000	500.000	mmho/m	716.534	-21.941
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.642	V	0.000	350.000	mmho/m	550.717	-3.768
Medium	0.010	0.729	V	0.000	550.000	mmho/m	764.510	-7.354

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-2.869	354.028	mmho/m	-0.044	350.323	mmho/m	0.982	2.773
Medium	-3.741	414.629	mmho/m	-0.037	400.340	mmho/m	0.957	3.543
LL3		9.500	V		2000.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-9.500	V		5000.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-2.869	354.028	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-3.741	414.629	mmho/m	1.000	0.000

LL3	0.000	Ohm-m	2.000	Ohm-m
	0.000	Ohm-m	500.000	Ohm-m
	0.000	mmho-m	1.000	mmho-m

Microlog Calibration Report

Serial-Model:	01-Osage
Performed:	Sat Mar 12 10:36:52 2022

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0000	0.1000	V	0.0000	10.0000	Ohm-m	100.0000	0.0000
Inverse	0.0000	0.1000	V	0.0000	10.0000	Ohm-m	100.0000	-1.2000
Caliper	0.3482	9.1366	V	6.0000	20.5000	in	1.6499	5.4255

Inclinometer Calibration Report

Performed:	Thu Oct 8 13:57:38 2020					
	Low Read.	High Read.		Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00		-1.00	1.00	gee
Y Accelerometer	205.00	1843.00		-1.00	1.00	gee
Z Accelerometer						gee

Gamma Ray Calibration Report

Serial Number:	Refurb01
Tool Model:	OSAGE_01
Performed:	Mon Jan 18 09:02:16 2021
Calibrator Model:	150.0
	CAPL

Calibrator value:

100.0

GAPI

Background Reading:

125.0

cps

Calibrator Reading:

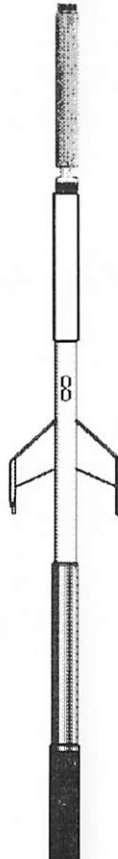
875.0

cps

Sensitivity:

0.2000

GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
ACCY	31.04		ADMYR_TELEMETRY-OSAGE_01 (Refurb01) Admyr Telemetry With Gr, Deviation, ADC board and Pulses Board in it.	3.69	3.25	53.00
ACCX	31.04					
GR	29.86					
FRAMES	28.54					
SSTAT	28.54		MICRO_DIG-0sage (01) Digital Microlog	7.21	5.13	137.00
PSTAT	28.54					
ASTAT	28.54					
MI	23.00					
MN	23.00					
MCAL	22.00					
ASTAT2	21.33					

