Welex

5" = 100'

FULL WAVE SONIC WAVE FORM PLOT

COMPANY__________
WELL__________
FIELD__________
County______State______

COMPANY ARCO OIL & GAS COMPANY

WELL COLUMBIA COUNTY #31-27-65

FIELD MIST

COUNTY COLUMBIA STATE OR

API No. N/A
Location
1842.07' SOUTH & 762.15'
WEST FROM THE NORTHEAST
CORNER OF:
Sec. 27 Twp 6N Rge 5W

Other Services
DIG/AVL
SDL/DSN/GAM
DIPMETER
SWC
VSP

Permanent Datum G.L. Elev. 748.39
Log Measured From K.B. 10Ft.Above Perm.Datum
Drilling Measured From KELLY BUSHING

Elev.:K.B. 758.39
D.F. 757.39
G.L. 748.39

CONFIDENTIAL

Date	09/20/87			
Run no.	ONE			
Depth-Driller	6700'			
Depth-Welex	6702'			
Btm. Log Inter.	6670'			
Top Log Inter.	3000'			
Casing-Driller	9 5/8@994	@	@	@
Casing-Welex	994'			
Bit Size	8 1/2"			
Type Fluid in Hole	RAPID MUD			
Dens. : Visc	11.1 :50	:		:
pH : Fluid Loss	9.2 :5.2	:		:
Source of Sample	CIRCULATED			
Rm @ Meas. Temp.	1.6 @67	@	@	@
Rmf @ Meas. Temp.	1.2 @55	@	@	@
Rmc @ Meas. Temp.	2.0 @55	@	@	@
Source Rmf : Rmc	MEAS.:MEAS.	:	:	:
Rm @ BHT	0.79 @142	@	@	@
Time Since Circ.	7 HOURS			
Time On Bottom	10:30 AM			
Max. Rec. Temp.	142 @BHT	@	@	@
Equip. : Location	2890 :WDLND	:	:	:
Recorded by	BOB PEDIGO			
Witnessed by	R.WYDRINSKI			
	B.DAHLEEN			

Fold Here

Service Ticket No.: 30157 API Serial No.: N/A PGM Version: 6027/99FT

Change in Mud Type or Additional Samples		
Date/Sample No.	/ / :	/ / :
Depth-Driller		
Type Fluid in Hole		
Dens. : Visc.	:	:
pH. : Fluid Loss	:	:
Source of Sample		
Rm @ Meas.Temp.	@	@
Rmf @ Meas.Temp.	@	@
Rmc @ Meas.Temp.	@	@
Source: Rmf:Rmc	:	:
Rm @ BHT	0.79 @142	@
Rmf @ BHT	0.49 @142	@
Rmc @ BHT	0.82 @142	@

RESISTIVITY SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

RESISTIVITY EQUIPMENT DATA

Run No	Tool Type & No	Pad Type	Tool Pos.	Other
ONE	DUAL 109432	N/A	CENT.	--
ONE	SGRD 108932	N/A	CENT.	--

EQUIPMENT DATA

GAMMA		ACOUSTIC		DENSITY		NEUTRON	
Run No.	ONE	Run No.	ONE	Run No.		Run No.	
Serial No.	108581	Serial No.	112458	Serial No.		Serial No.	
Model No.	432	Model No.	305	Model No.		Model No.	
Diameter	3 5/8	No.of Cent.	THREE	Diameter		Diameter	
Detector Model No.	N/A	Spacing	1	Log Type		Log Type	
Type	SCINT			Source Type		Source Type	
Length	4"	LSA	Y	Serial No.		Serial No.	
Distance To Source	N/A	FWDA	Y	Strength		Strength	

LOGGING DATA

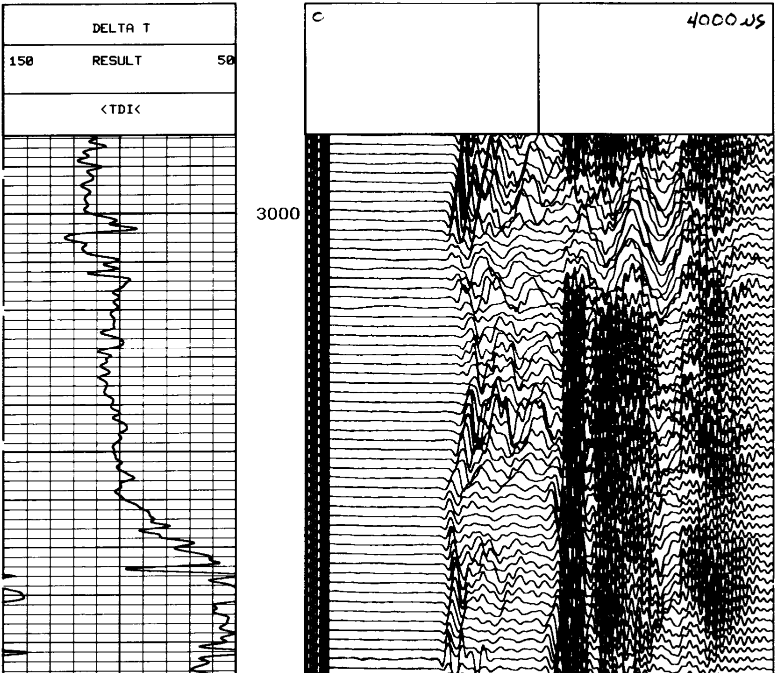
GENERAL				GAMMA		ACOUSTIC			DENSITY			NEUTRON		
Run	Depth		Speed	Scale		Scale			Scale			Scale		
No.	From	To	Ft/Min	L	R	L	R	Matrix	L	R	Matrix	L	R	Matrix
ONE	6702	3000	30			150	50	57US						

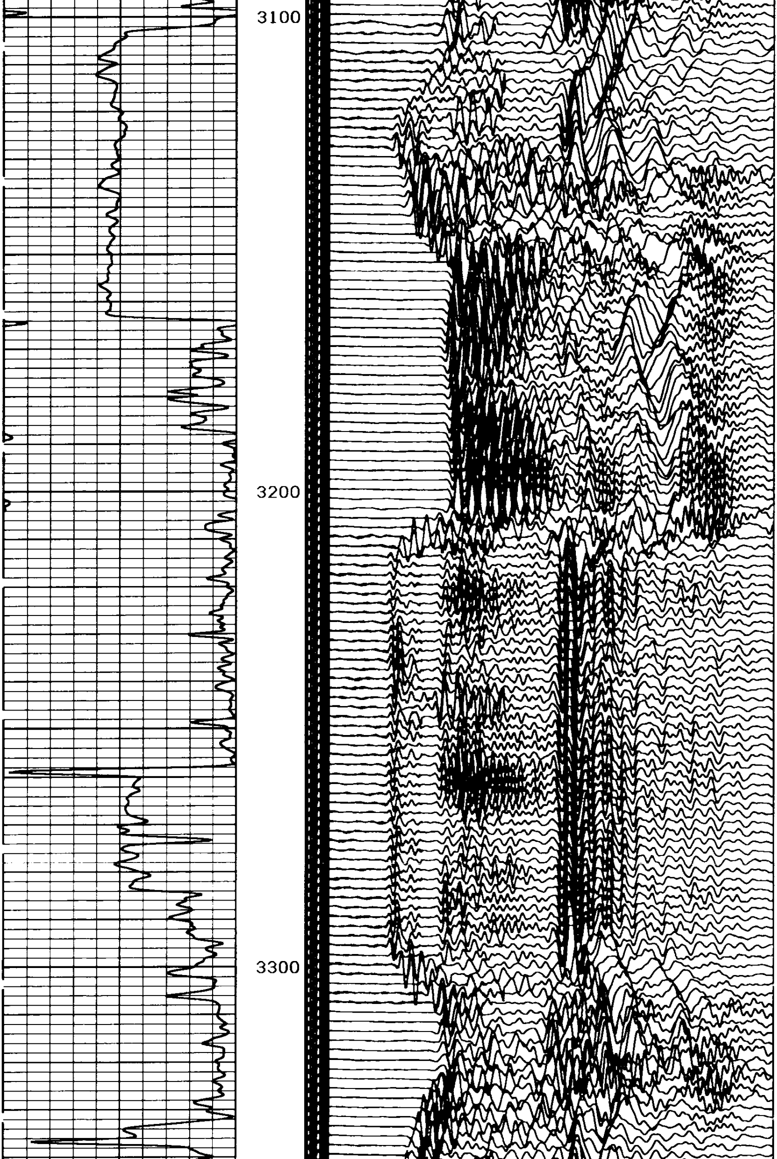
Remarks: CREW ON LOCATION: STETLAROD, SPORTSMAN & RAY

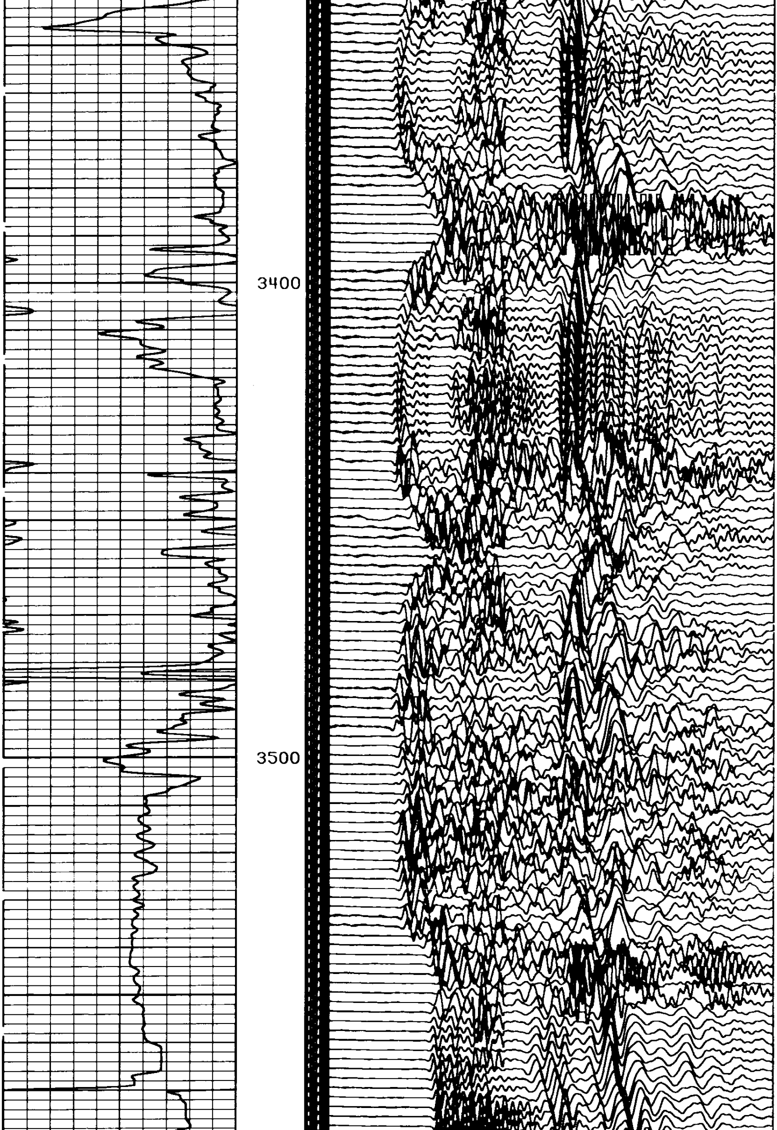
DUAL INDUCTION & ACOUSTIC VELOCITY LOGS WERE REPLAYED WITH A 15MV SP.

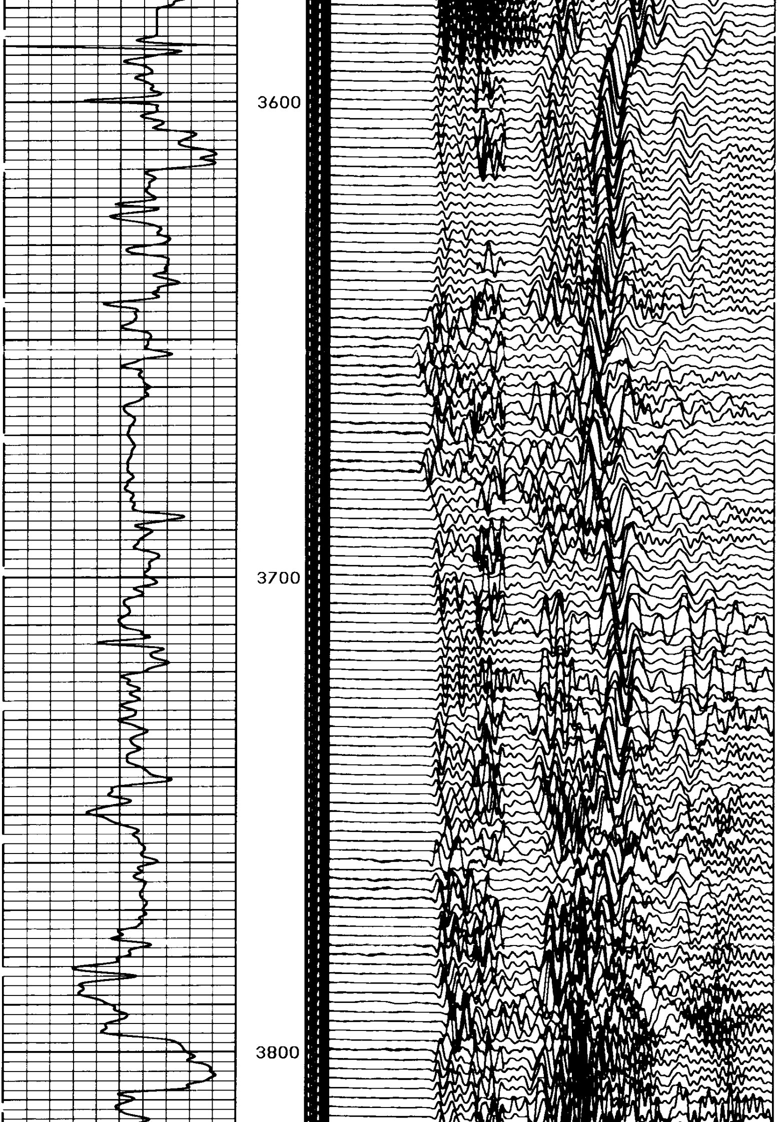
THANK YOU FOR USING WELEX!

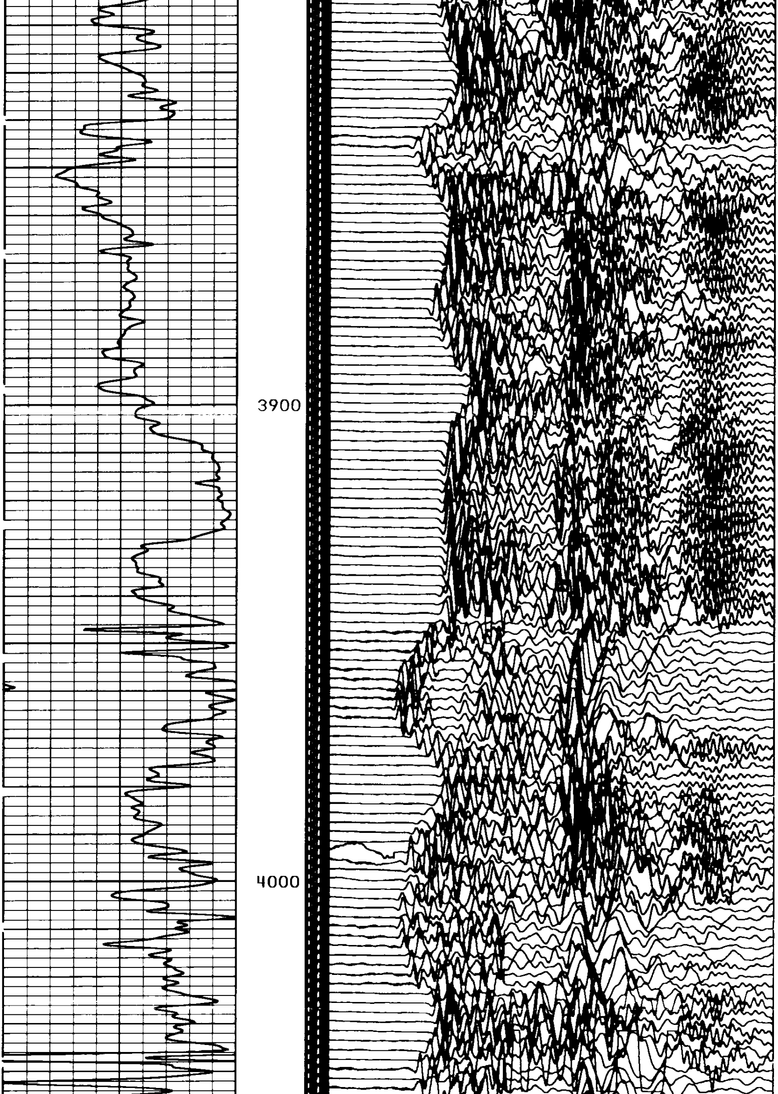
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations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

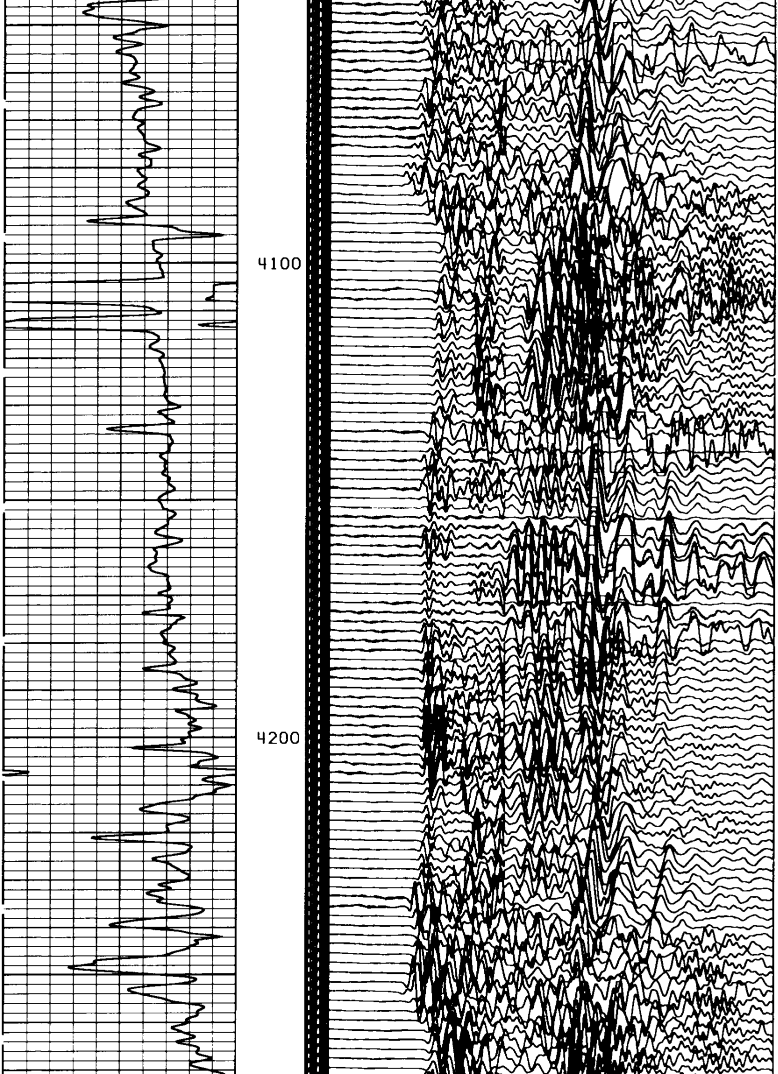


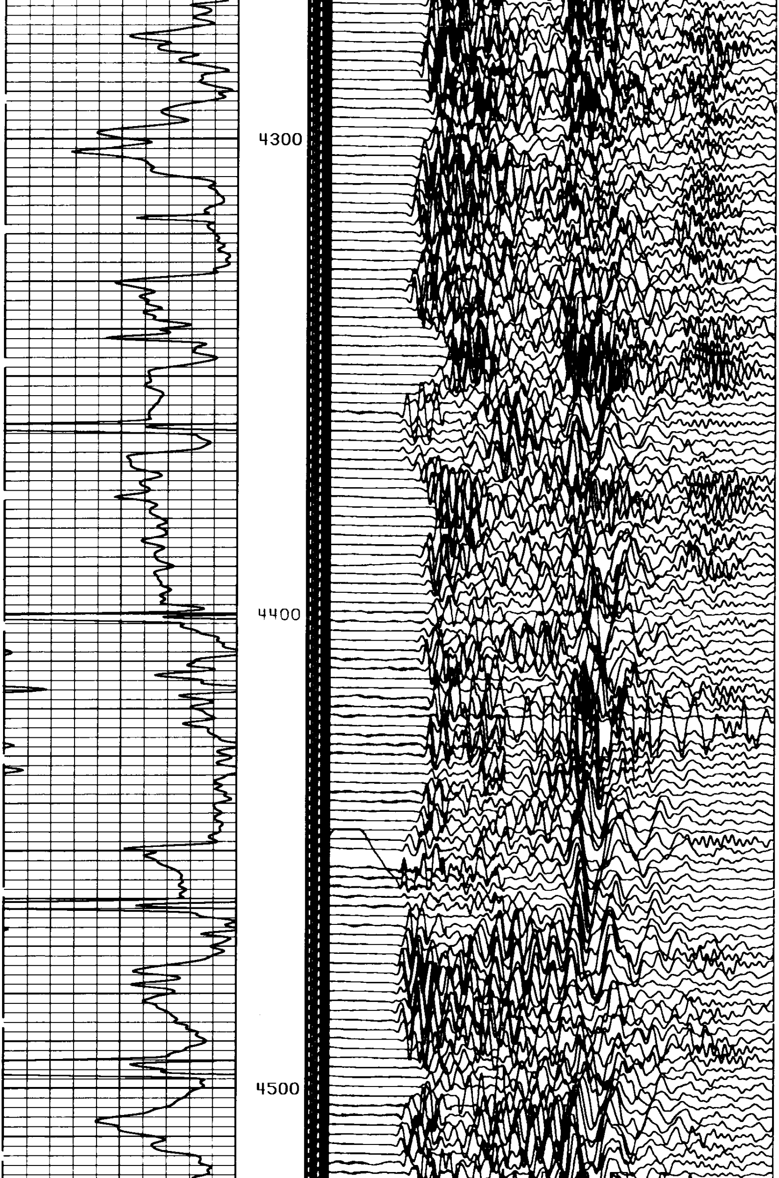


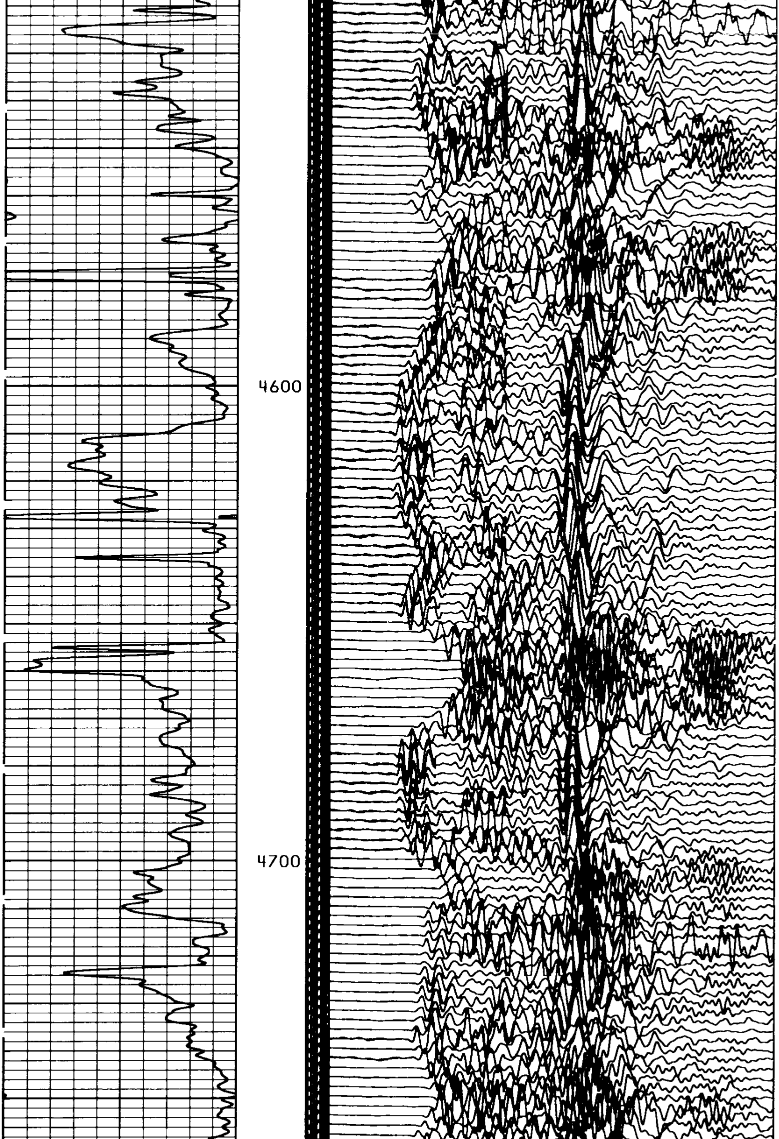


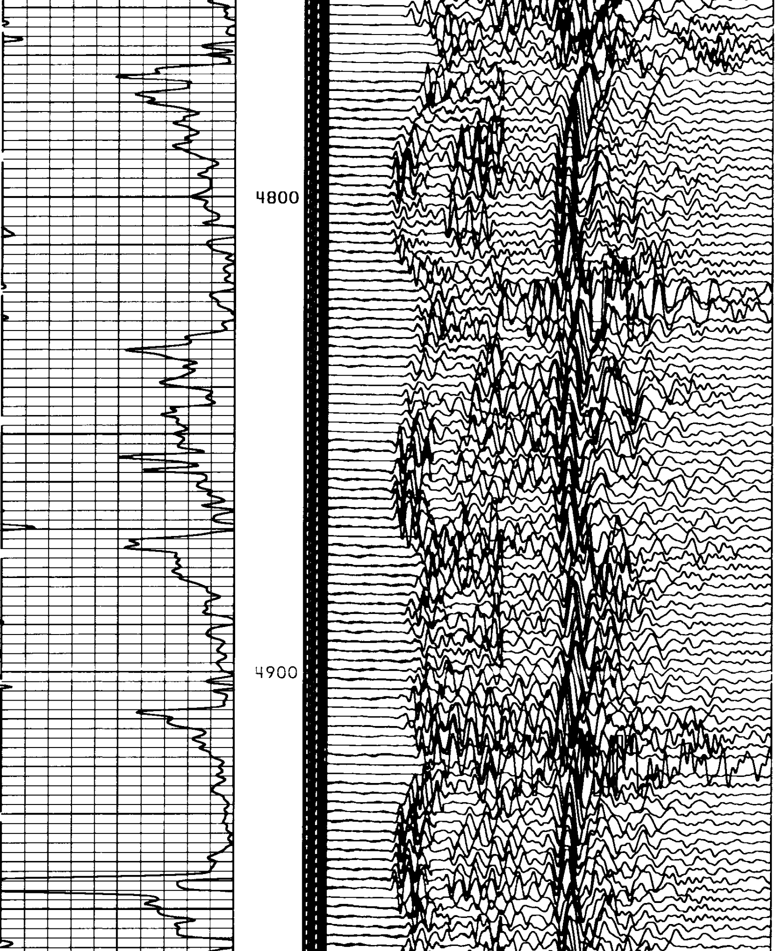


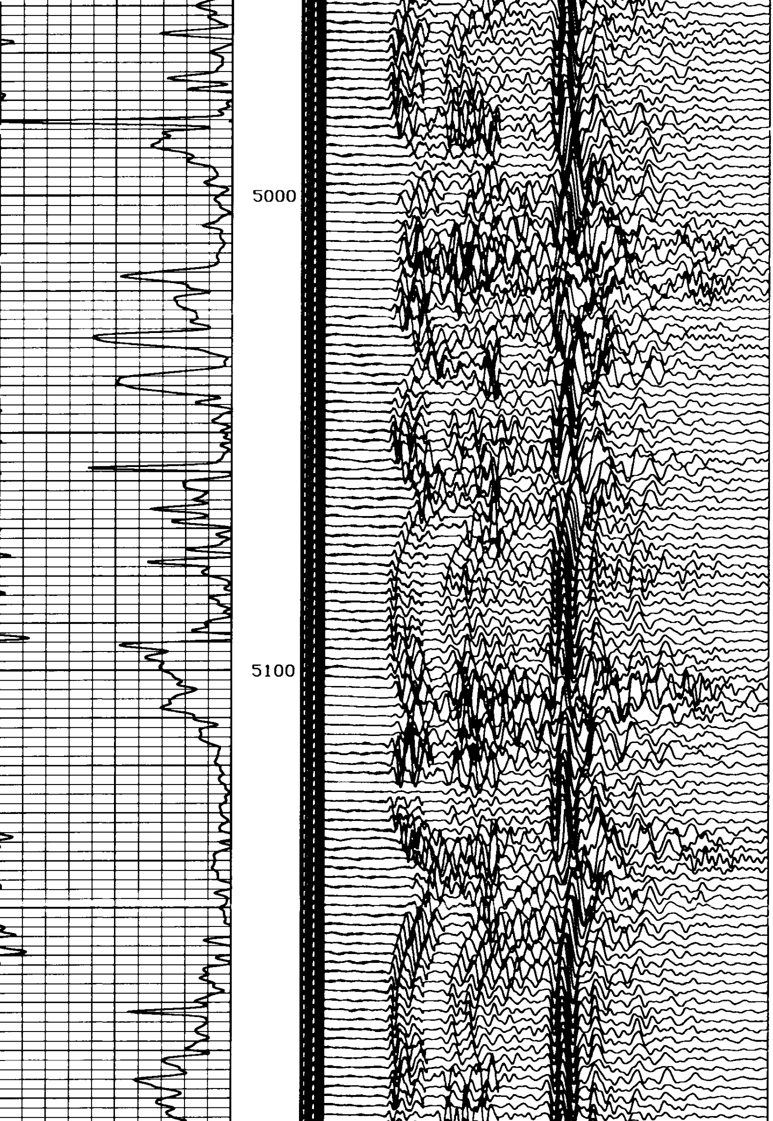


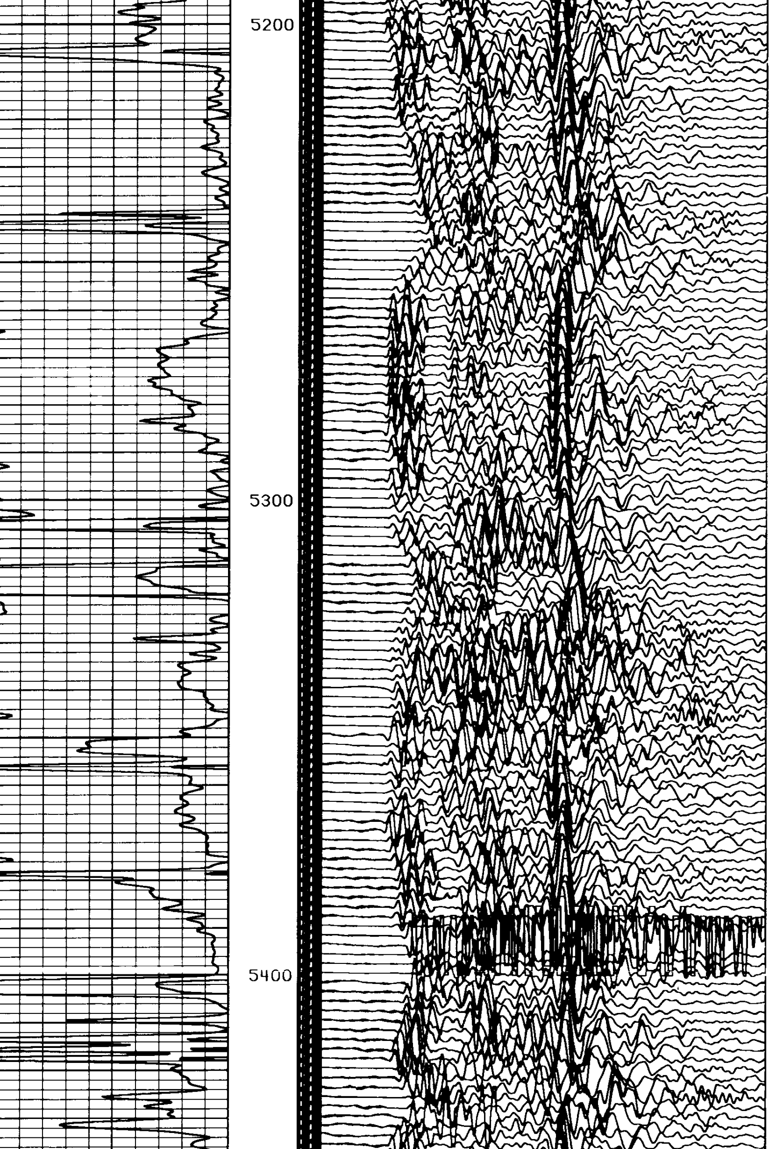


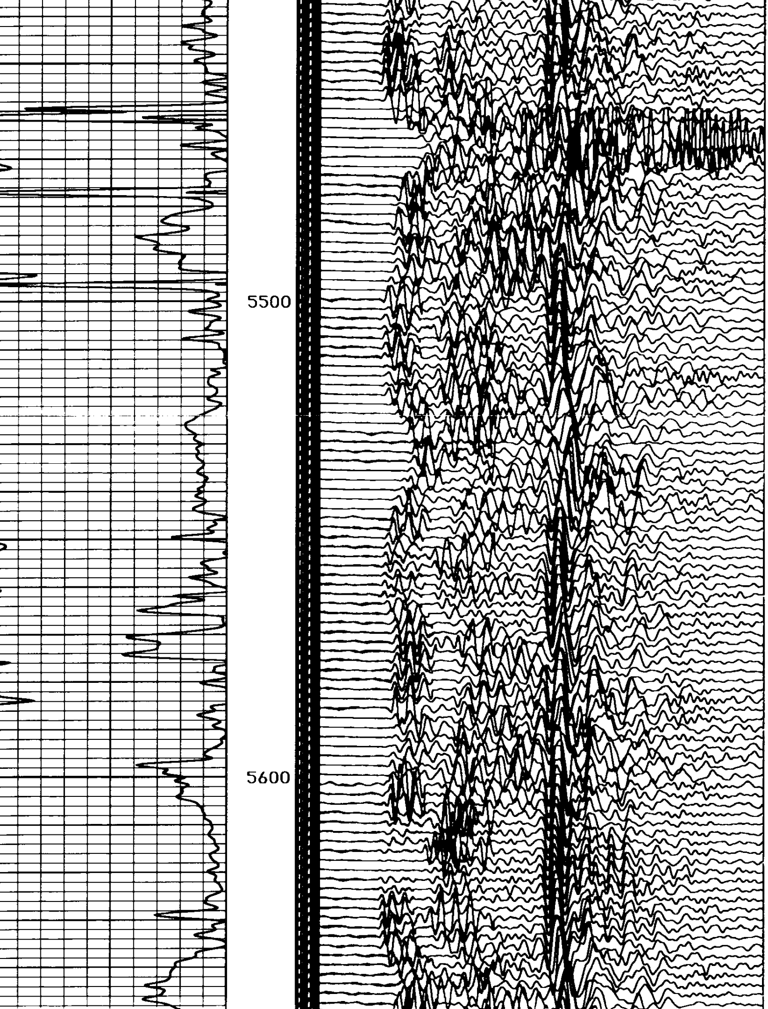


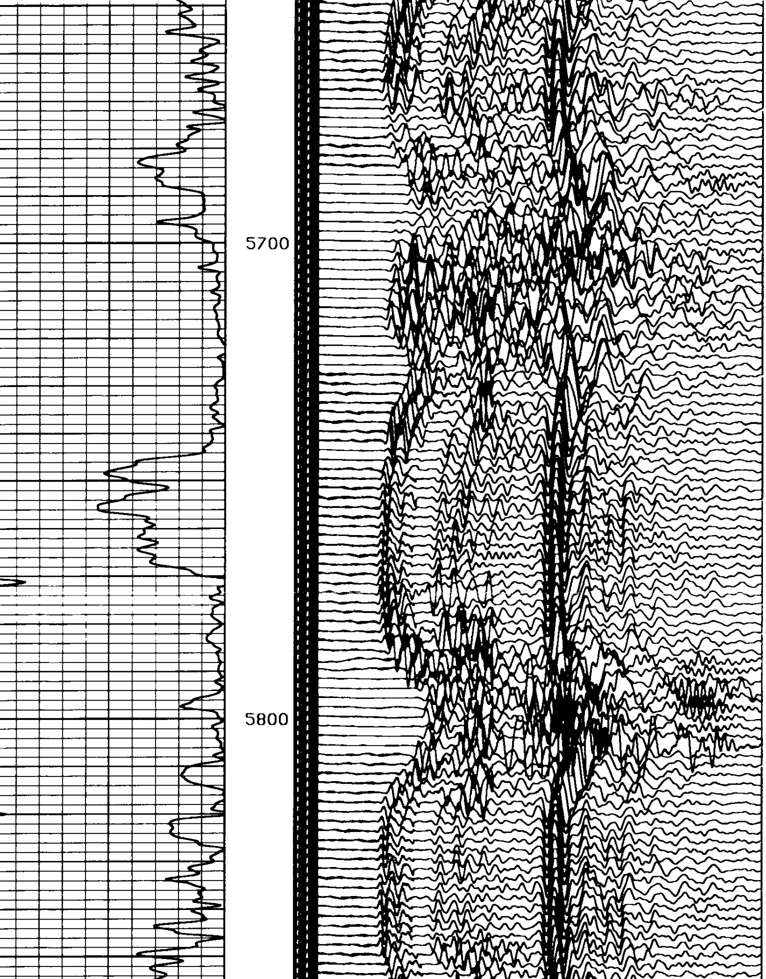


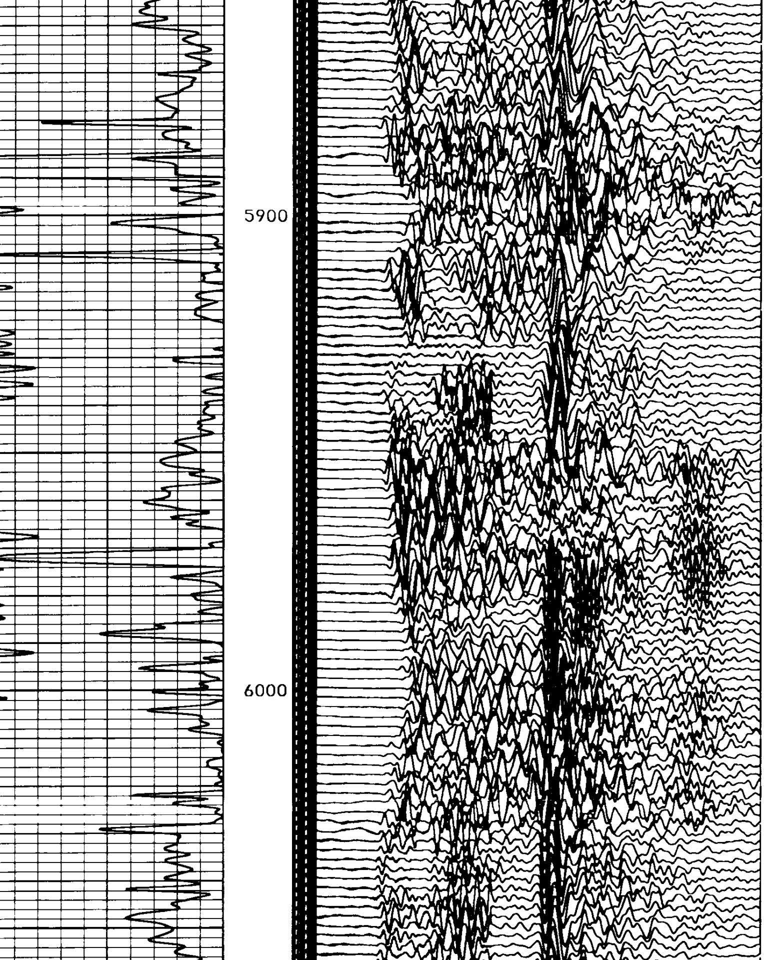


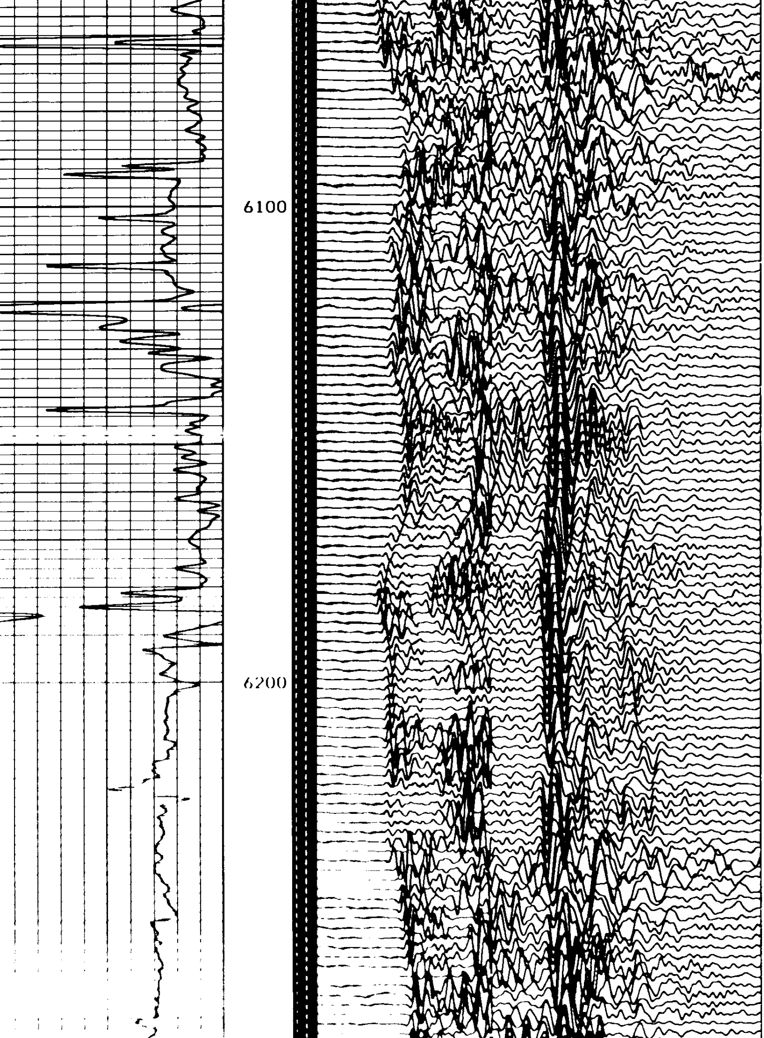


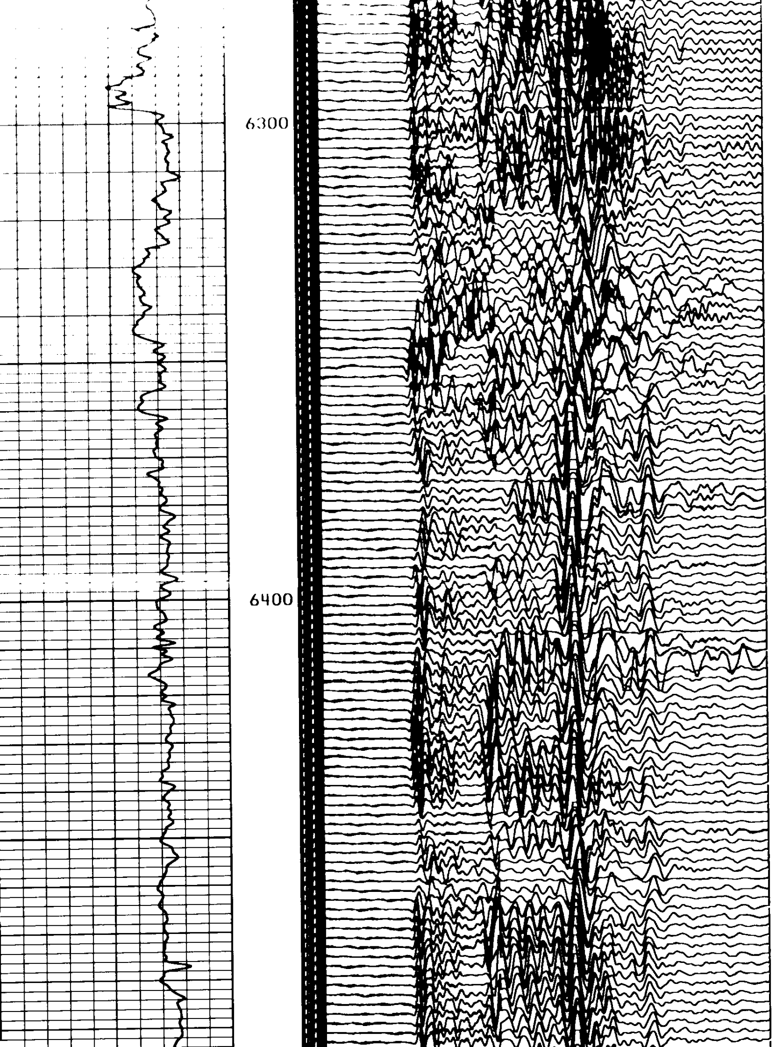


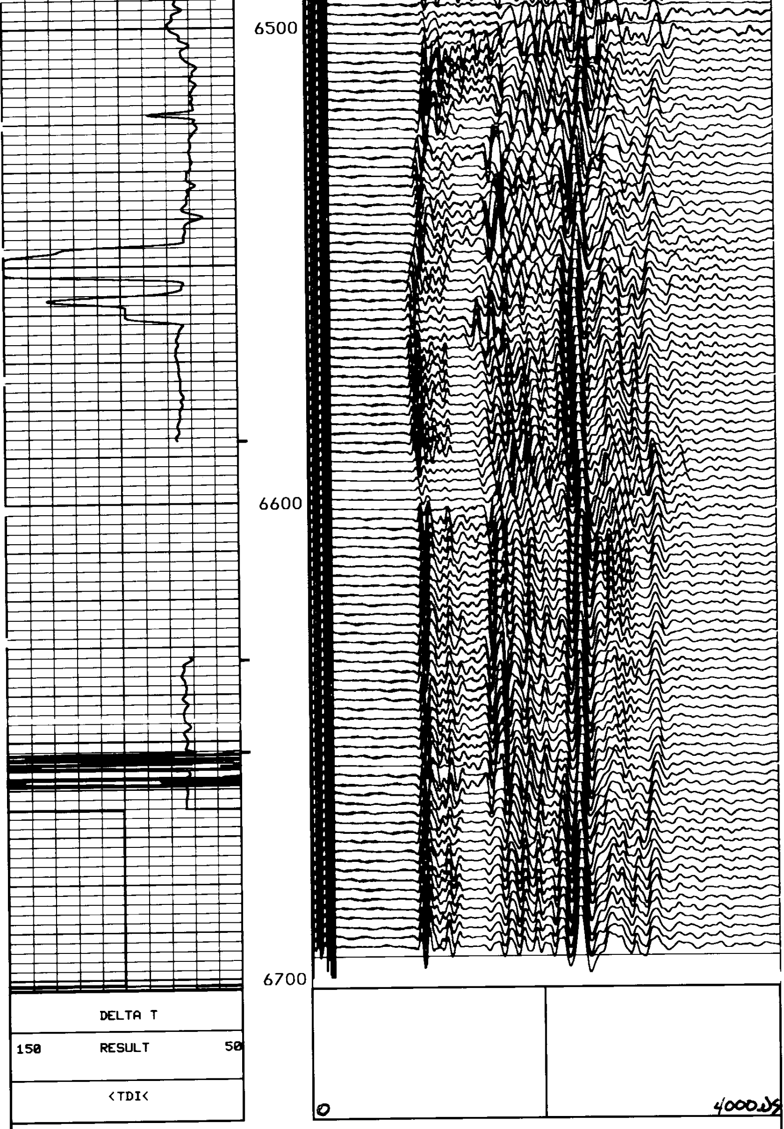






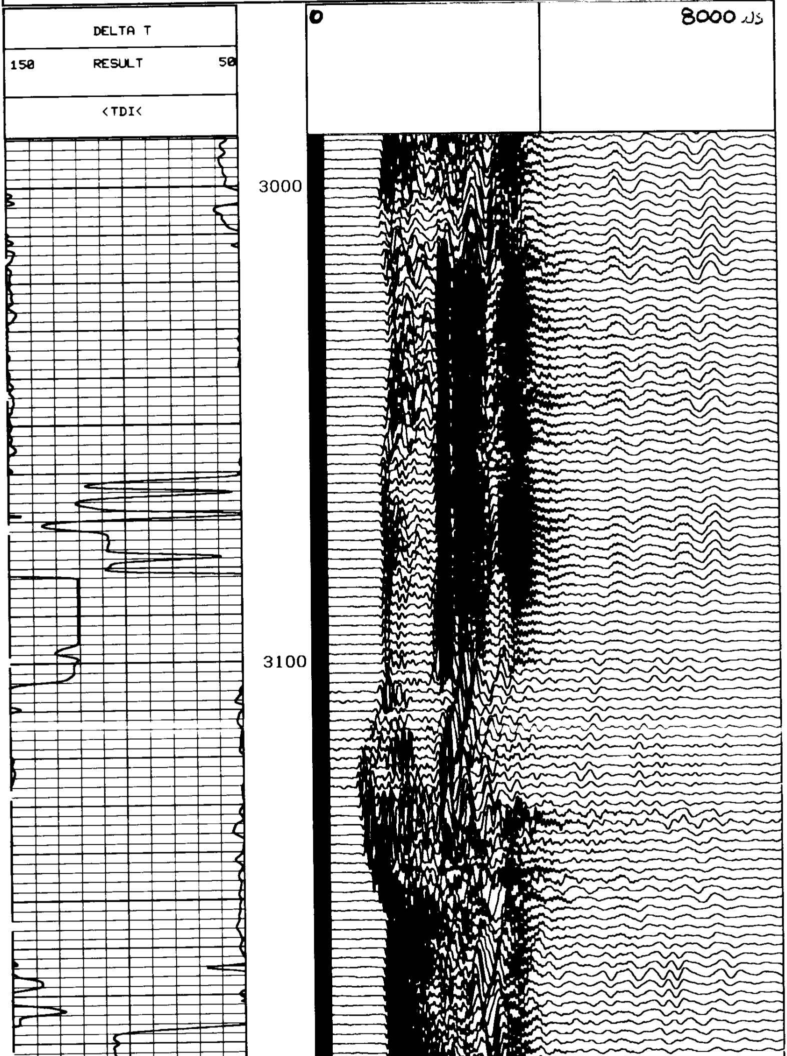


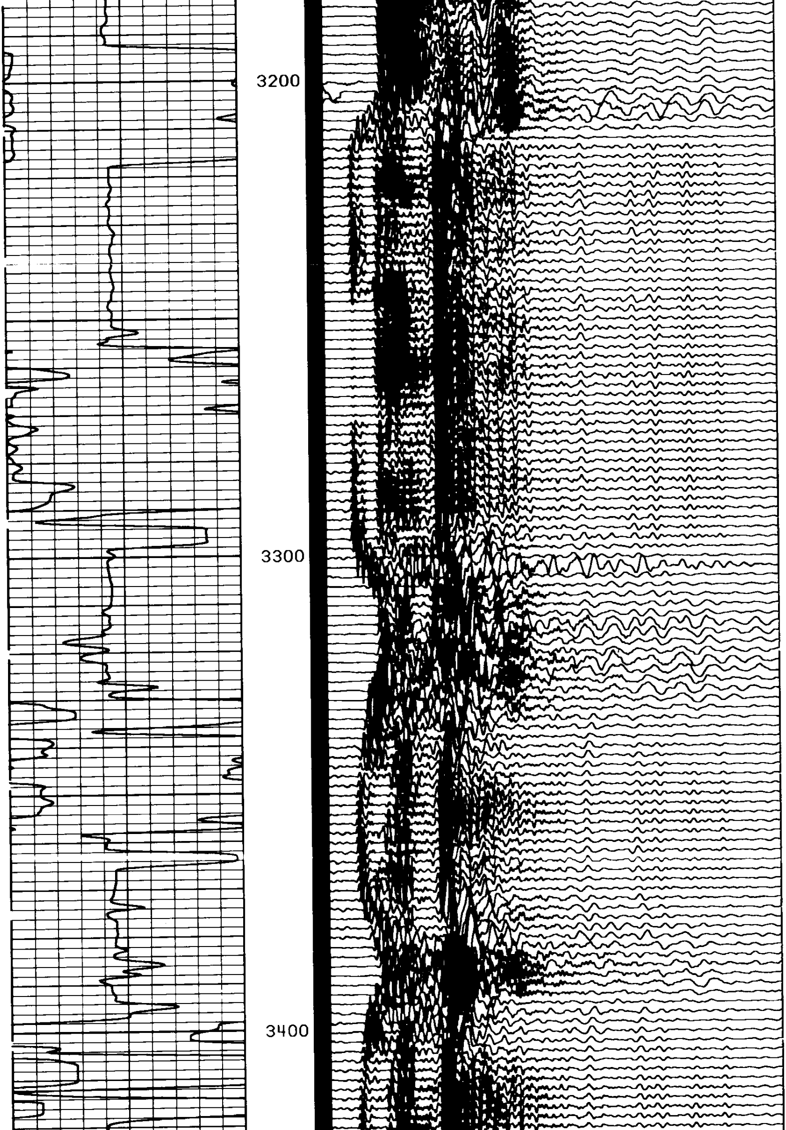


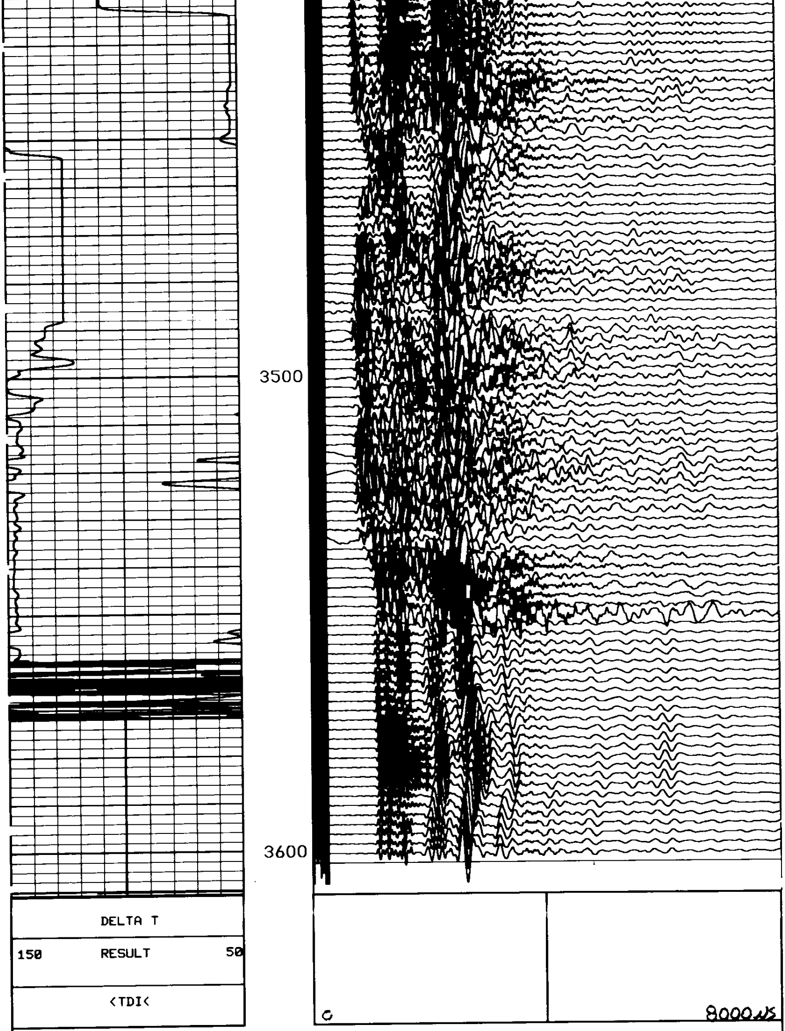


SECTION # 5 Date: 9/20/87 Time:11: 5 Version:6027/99FT

REPEAT SECTION







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