

This one



ACOUSTIC CEMENT BOND LOG

CO. PATINA OIL AND GAS
 WELL DODD MB 33-9
 FLD WATTENBERG
 CTY BOULDER
 STATE CO
 FILING NO

COMPANY PATINA OIL AND GAS CORP
 WELL DODD MB 33-9
 FIELD WATTENBERG
 COUNTY BOULDER STATE CO

LOCATION:
NE/SE

OTHER SERVICES
 PERFORATE
 J SANDS
 API # 05-
 123-06426

SEC 33 TWP 2N RGE 69W

PERMANENT DATUM G. L.

ELEVATION 5148

K. B. 5158

LOG MEAS. FROM K. B.

10 FT. ABOVE PERM DATUM

D. F. 5157

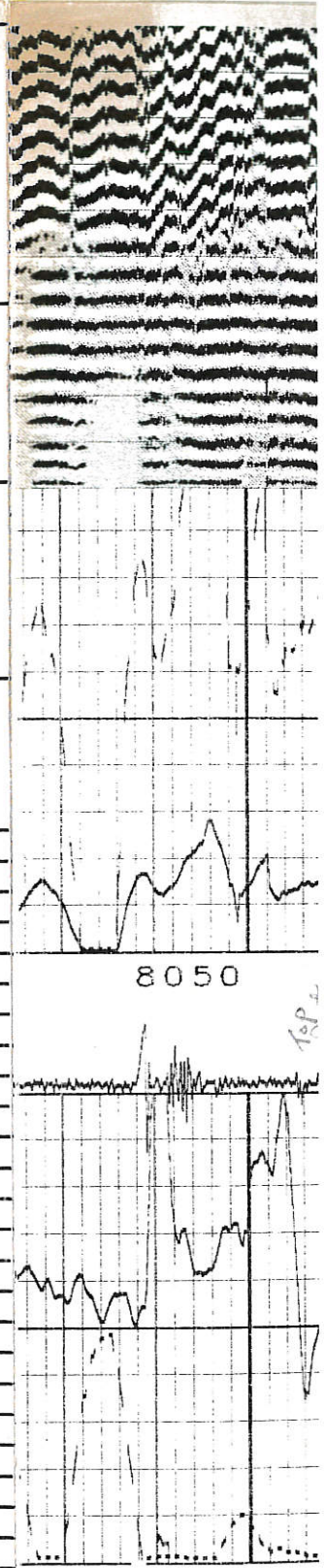
DRILLING MEASURED FROM K. B.

G. L. 5148

DATE & TIME LOGGED	5/29/2002	TYPE FLUID	WATER
RUN NO.	1	DENSITY	1.1
DEPTH-DRILLER	8213	FLUID LEVEL	FULL
DEPTH-LOGGER	8077	CEM TOP EST	7789
BTM LOGGED INTERVAL	8077	EQUIP-LOC	1 GREELEY
TOP LOGGED INTERVAL	7576	RECORDED BY	G. ZACK
MAX. TEMP. F.	280	WITNESSED BY	McFARLING

CEMENTING DATA	SURFACE	PROTECTION	PRODUCTION	LINER
DATE/TIME CEMENTED				
PRIMARY SQUEEZE				
EXP. COMP. STRENGTH				
CEMENT VOLUME				
CEMENT TYPE/WEIGHT				
FORMULATION				
MUD TYPE/WEIGHT				

RUN NO.	BOREHOLE RECORD				CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO	
1	12.25	SURF.	550	8 5/8	24	SURF.	550	
2	7 7/8	550	7806	3 1/2	9.3	SURF.	7806	
3	2 7/8	7806	8213	2 3/8	4.7	SURF.	T. D.	



FOLD HERE

SERVICE TICKET NO.: 3173 API SERIAL NO. 0512306426 PGM VERSION: S

THE WELL NAME, LOCATION, CEMENTING DATA, & BOREHOLE DESCRIPTION FURNISHED BY CLIENT

CEMENTING DATA

CEMENT PUMPED BBL/MIN @ PSI /JOINT FROM TO

PRECEDING FLUID VOLUME BBL CENTRALIZERS /JOINT FROM TO

RETURNS? FULL PARTIAL NONE /JOINT FROM TO

PIPE ROTATED/RECIP. DURING PUMPING? YES NO /JOINT FROM TO

AFTER PLUG DOWN? YES NO /JOINT FROM TO

PLUG BUMPED? YES NO SCRATCHERS /JOINT FROM TO

PLUG LANDING PRESSURE: PSI /JOINT FROM TO

PRESSURE HELD PSI HOURS AFTER PUMPING /JOINT FROM TO

EQUIPMENT DATA

GAMMA		NEUTRON		ACOUSTIC	
RUN NO.	1	RUN NO.		RUN NO.	1
SERIAL NO.	S2	SERIAL NO.		SERIAL NO.	S2
MODEL NO.		MODEL NO.		MODEL NO.	
DIAMETER	1 3/4	DIAMETER		NO OF CENT.	2
DETECTOR MODEL NO.		LOG TYPE		SPACING	3
TYPE	SCINT	SOURCE TYPE			
LENGTH		SERIAL NO.			
DISTANCE TO SOURCE		STRENGTH			

LOGGING DATA

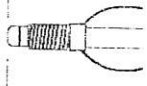
GENERAL				GAMMA SCALE		NEUTRON SCALE		ACOUSTIC SCALE	
RUN NO.	DEPTHS		WELLHEAD SPEED PRESSURE FT/MIN	L	R	L	R	L	R
	FROM	TO							
1	7576	8077	0	50	0	200	N/A	N/A	0 MV 100

REMARKS THANK YOU! 970/353-5118

CORRECTED UP-HOLE 5.5 FEET TO CORRELATE.

T O O L D I A G N O S I S

TOP OF TOOL 18.94' (227.75")



TOOL TYPE :
2 1/8" CCL, GR, SNGL RCVR CBL

BOWSPRING
CENTRALIZER

40.75" @
2.25" O.D.

T O O L D I A G R A M

TOOL TYPE :
 2 1/8" CCL, GR, SNGL RCVR CBL
 TOOL MODEL : 2108-1RX-TX

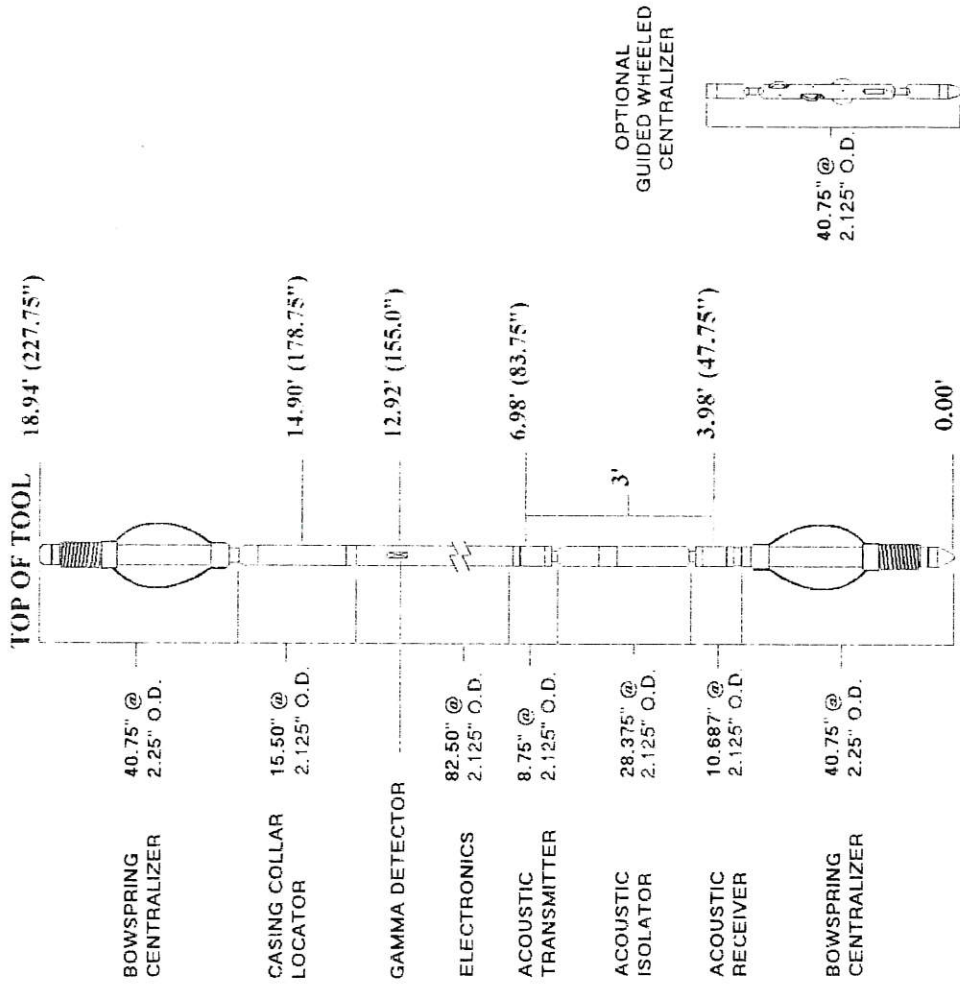


CHART SCALING

0.00 AMP 1000.00
UVS
0.00 X5_AMP 200.00
UVS

CHART SCALING

0.00 GAMMA 200.00
200.00 API 400.00
200.00 TIME 700.00
USECS

200 1200
MICROSECONDS

LOG UP

Wed May 29 08:56:34 2002

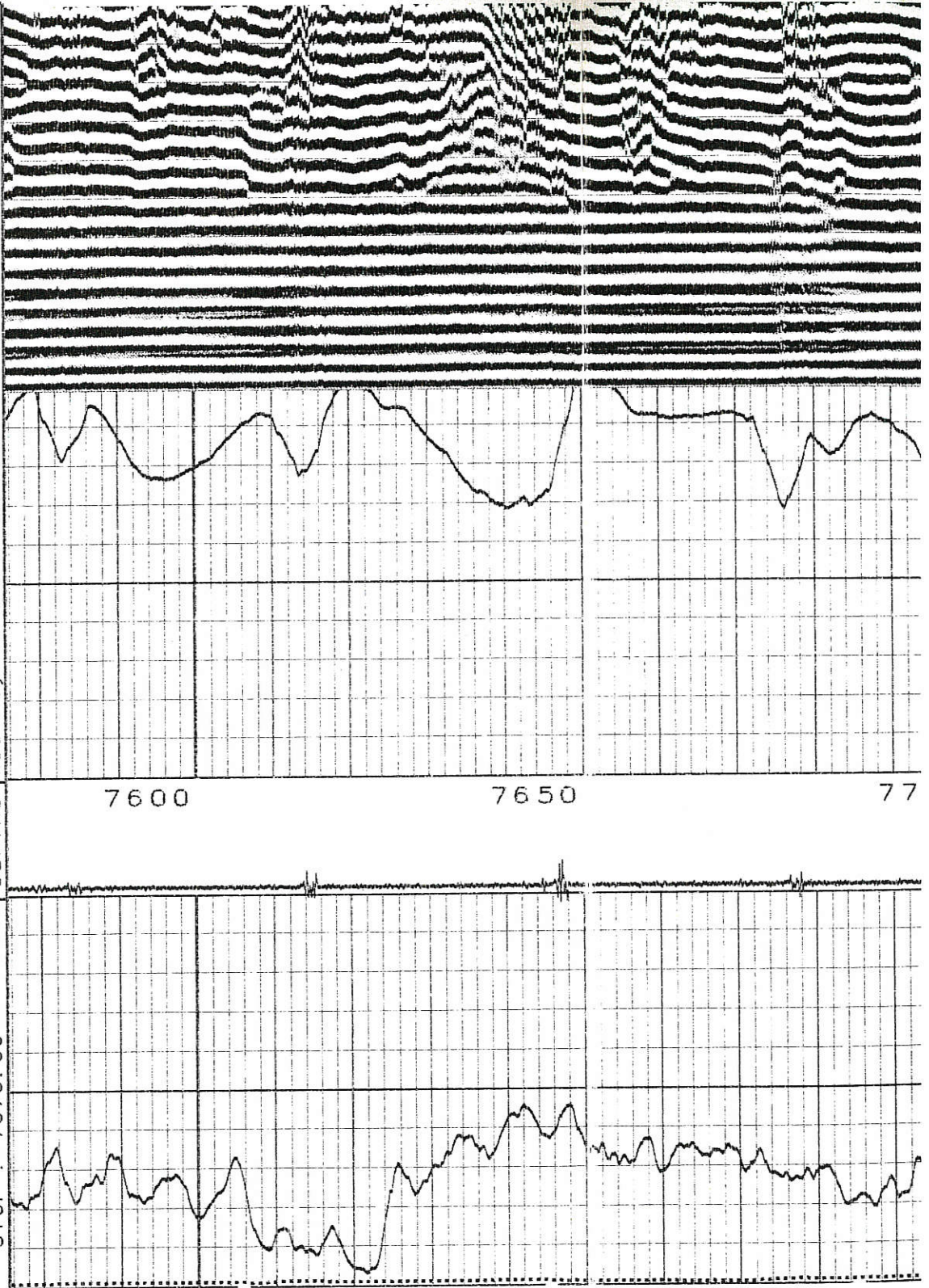
DEPTHS

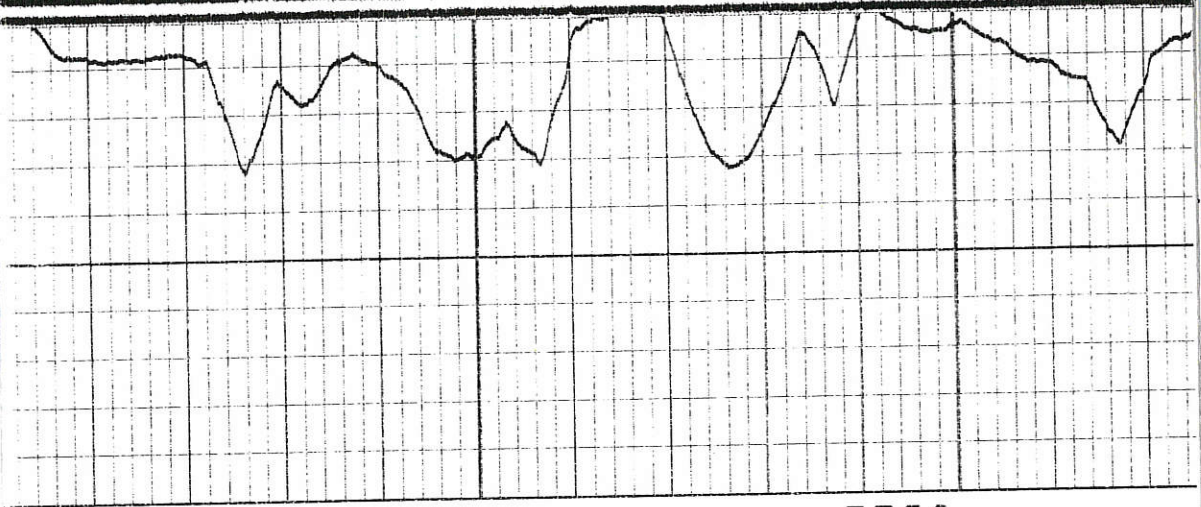
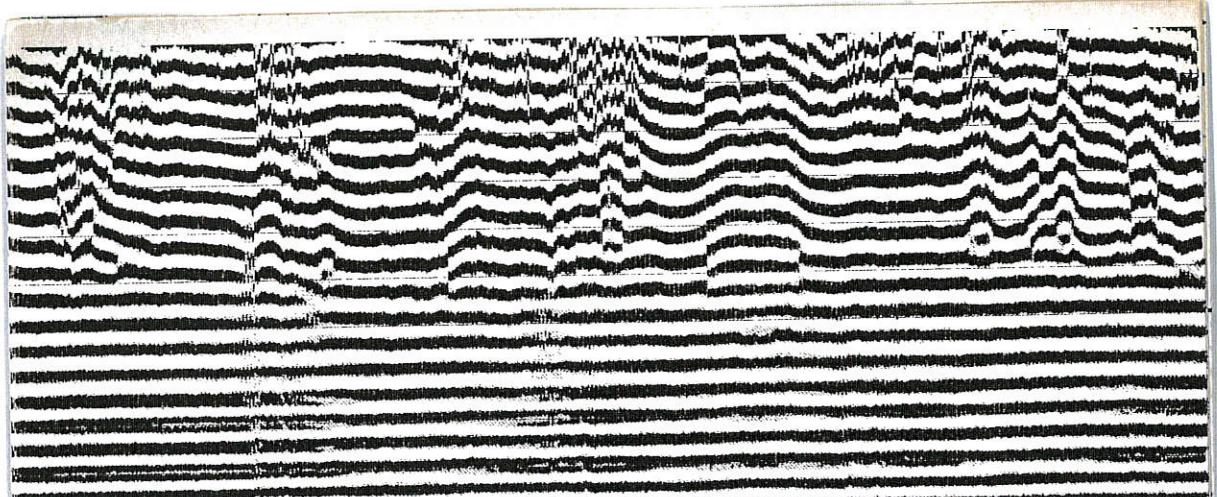
STOP : 7575.50

7600

7650

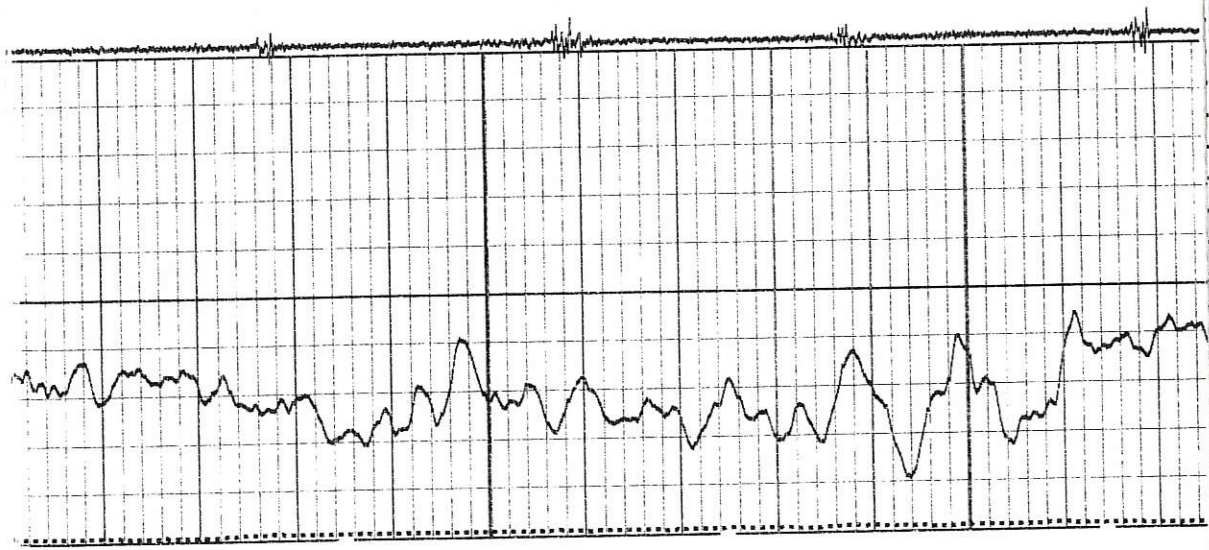
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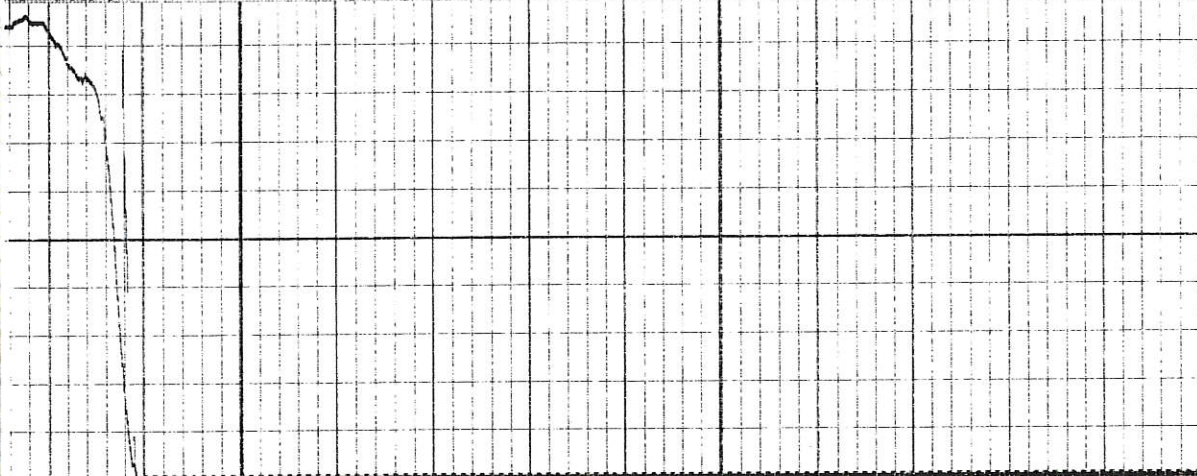
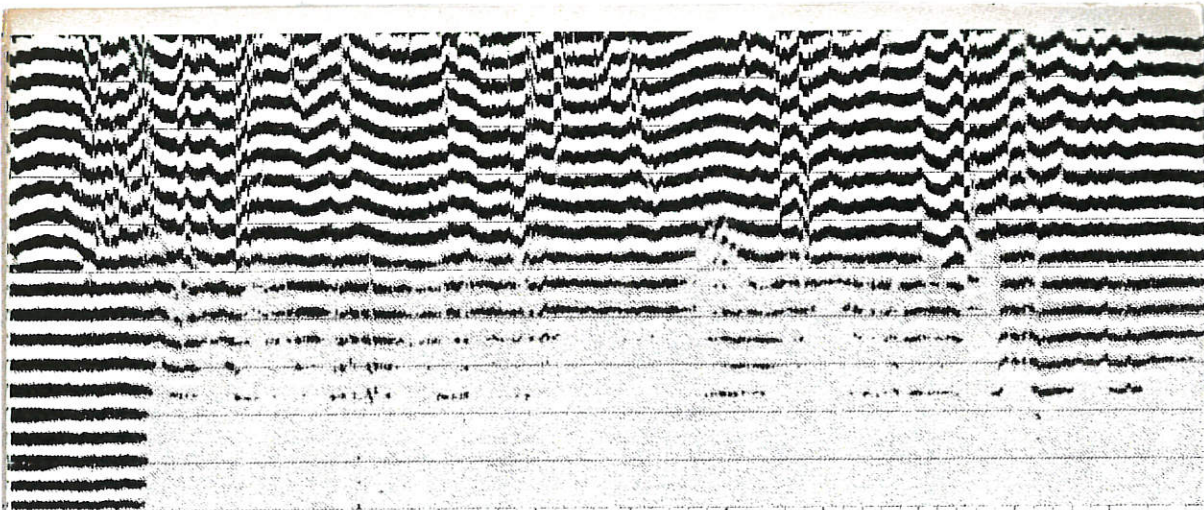




7700

7750



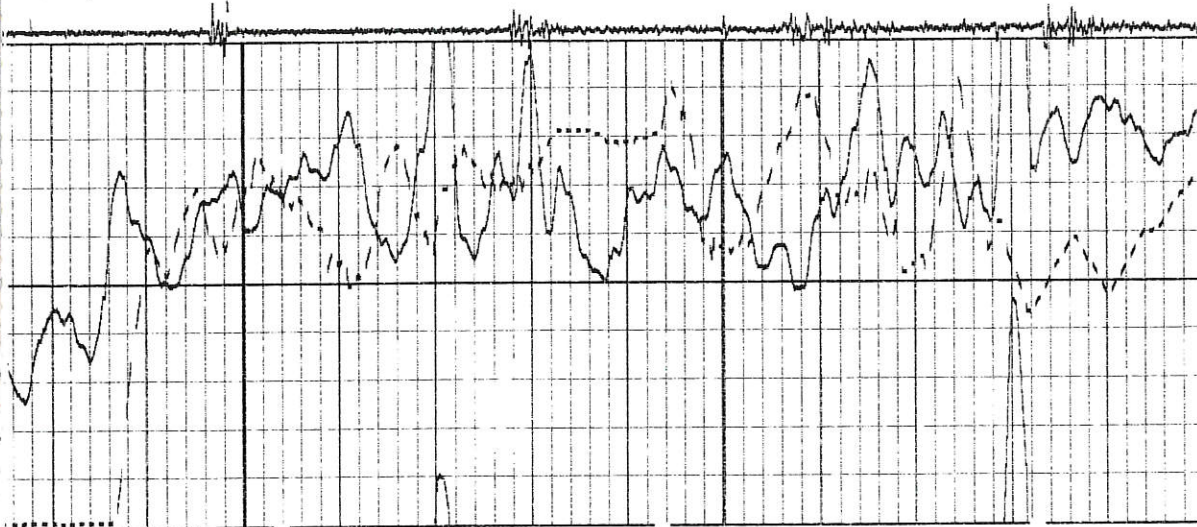


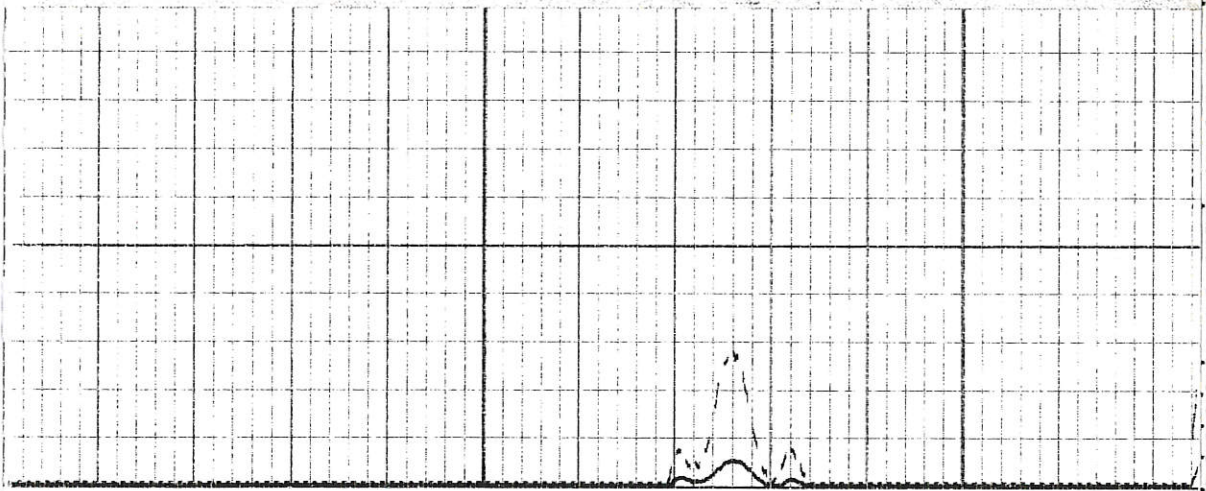
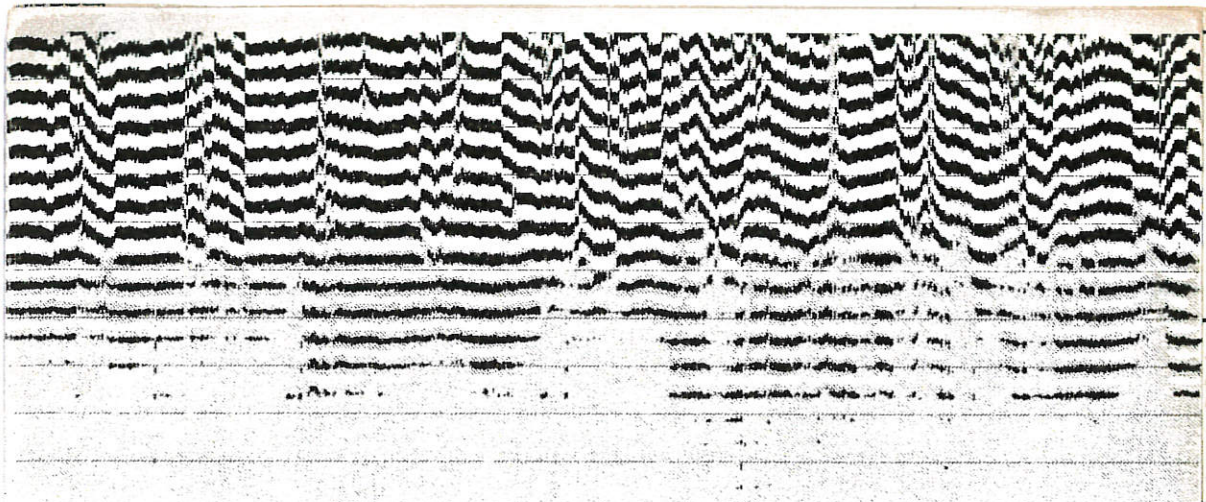
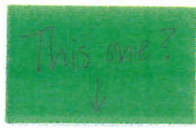
7800

7850

7900

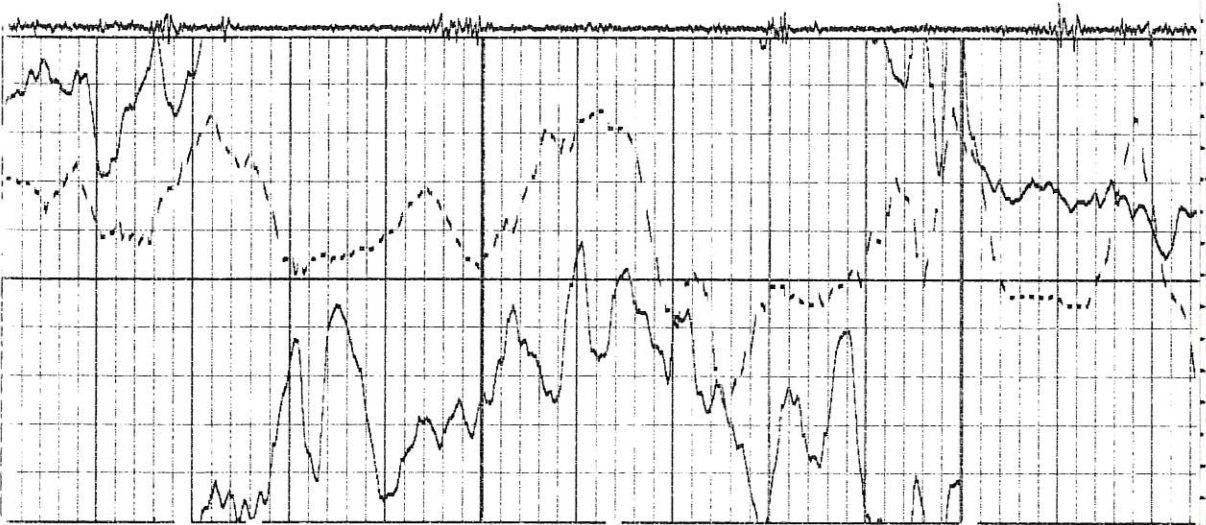
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7950

8000



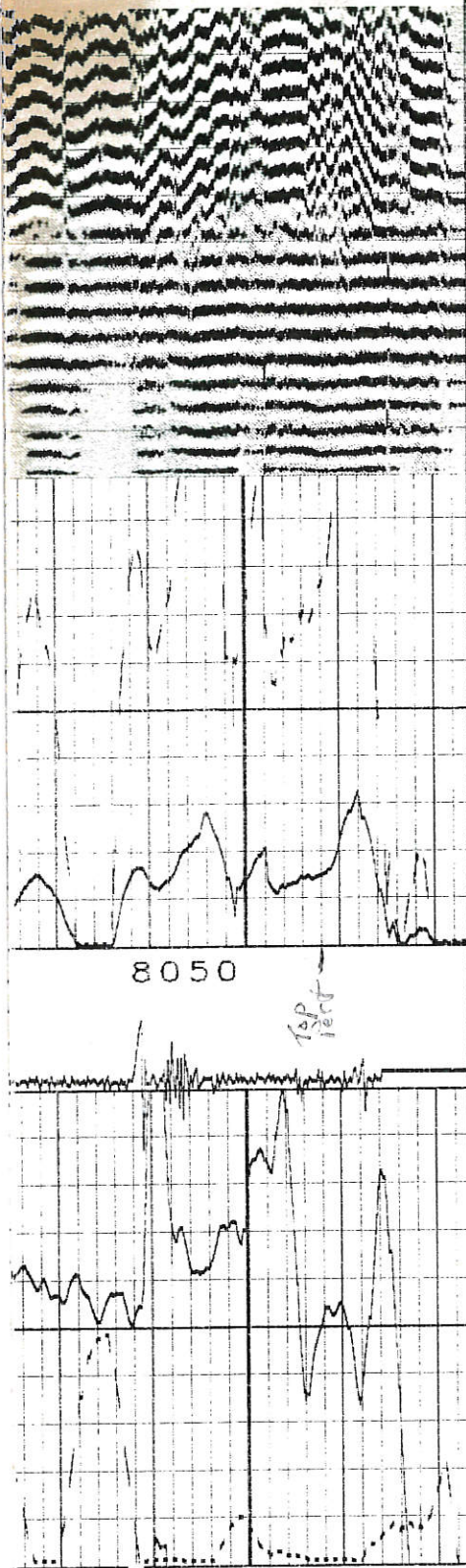


CHART SCALING		CHART SCALING	
0.00	GAMMA	0.00	AMP
200.00	API	1000.00	UVS
200.00	TIME	0.00	X5 AMP
700.00	USECS	200.00	UVS
		200	MICROSECONDS
		1200	
START DEPTH: 8073.60	DEPTHS	Wed May 29 08:42:43 2002	LOG UP