Welex

5" = 100'

ACOUSTIC CEMENT BOND LOG

COMP. ARCO OIL AND GAS CO.
WELL LONGUIEW FIBRE 11-31-64
FIELD MIST
COUNTY COLUMBIA ST. OREGO

COMPANY	ARCO OIL AND GAS CO.		
WELL	LONGVIEW FIBRE 11-31-64		
FIELD	MIST		
COUNTY	COLUMBIA	STATE	OREGON
API NO.	N/A	OTHER SERVICES	
LOCATION	700 FT. SOUTH AND 500 FT. EAST OF THE NORTHWEST CORNER OF:	PERF.	
SEC. 31	TWP. 6N	RGE. 4W	

PERMANENT DATUM	GROUND LEVEL	ELEV. 953.2	ELEV.:K.B. 963.2
LOG MEASURED FROM	KELLY BUSHING 10	FT. ABOVE PERM. DATUM	D.F. -----
DRILLING MEASURED FROM	KELLY BUSHING		G.L. 953.2

DATE @ TIME LOGGED	08/04/87 MIDNIGHT	TYPE OF FLUID IN HOLE	WATER BASE MUD	
RUN NO.	ONE	DENSITY OF FLUID	N/A	
DEPTH - DRILLER	1642	FLUID LEVEL	FULL	
DEPTH - WELEX	1642	CEMENT TOP EST. - LOGGED	200	
BTM. LOGGED INTERVAL	1642	EQUIPMENT : LOCATION	1888	WDLND
TOP LOGGED INTERVAL	130	RECORDED BY	MIKE HULL	
MAX TEMP. DEGREE	100	WITNESSED BY	MR. JACKSON	

CEMENTING DATA	SEE REMARKS	PROTECTION STRING	PRODUCTION STRING	LINER
DATE/TIME CEMENTED				
PRIMARY/SQUEEZE				
EXPECTED COMP. STRENGTH				
CEMENT VOLUME				
CEMENT TYPE/WEIGHT				
FORMULATION				
MUD TYPE/MUD WEIGHT				

RUN	BOREHOLE RECORD			CASING AND TUBING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
ONE	8 1/2	T.D.	SURFACE	5 1/2	17	T.D.	SURFACE

FOLD HERE

SERVICE TICKET NO.: 30291 API SERIAL NO.: N/A PGM VERSION: V1.87 09/06/85

THE WELL NAME. LOCATION. CEMENTING DATA AND BOREHOLE DESCRIPTION FURNISHED BY CLIENT

CEMENTING DATA

CEMENT PUMPED			e				/ JOINT FROM	TO
PRECEDING FLUID		VOLUME		BBL		CENTRALIZERS	/ JOINT FROM	TO
RETURNS	FULL	PARTIAL	NONE				/ JOINT FROM	TO
PIPE ROTATED/RECIPICATED	DURING PUMPING		YES	NO				
	AFTER PLUG DOWN		YES	NO			/ JOINT FROM	TO
PLUG PUMPED			YES	NO		CENTRALIZERS	/ JOINT FROM	TO
PLUG LANDING PRESSURE:							/ JOINT FROM	TO
PRESSURE HELD			HRS AFTER PUMPING					

EQUIPMENT DATA

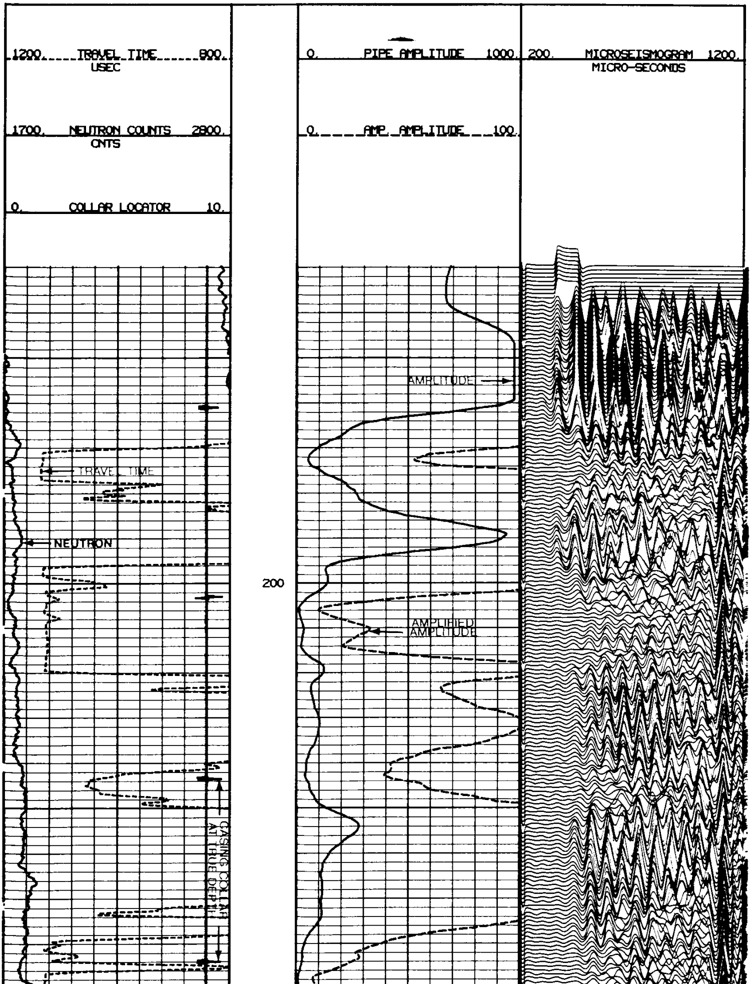
GAMMA		NEUTRON		ACOUSTIC	
RUN NO.		RUN NO.	ONE	RUN NO.	ONE
SERIAL NO.		SERIAL NO.	123654	SERIAL NO.	465321
MODEL NO.		MODEL NO.	502	MODEL NO.	304
DIAMETER		DIAMETER	2 1/8	NO. OF CENT	TWO
DETECTOR MODEL NO.		LOG TYPE	NEUTRON	SPACING	4.167 FT.
TYPE		SOURCE TYPE	AM/BER 241		
LENGTH		SERIAL NO.	226		
DISTANCE TO SOURCE		STRENGTH	5 CURIES		

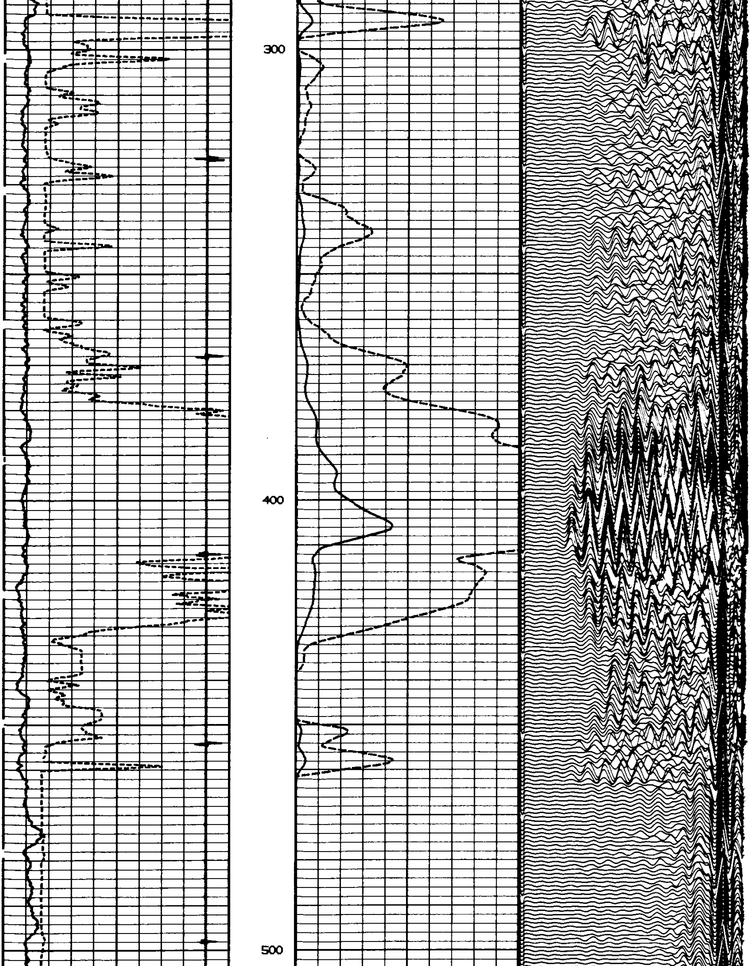
LOGGING DATA

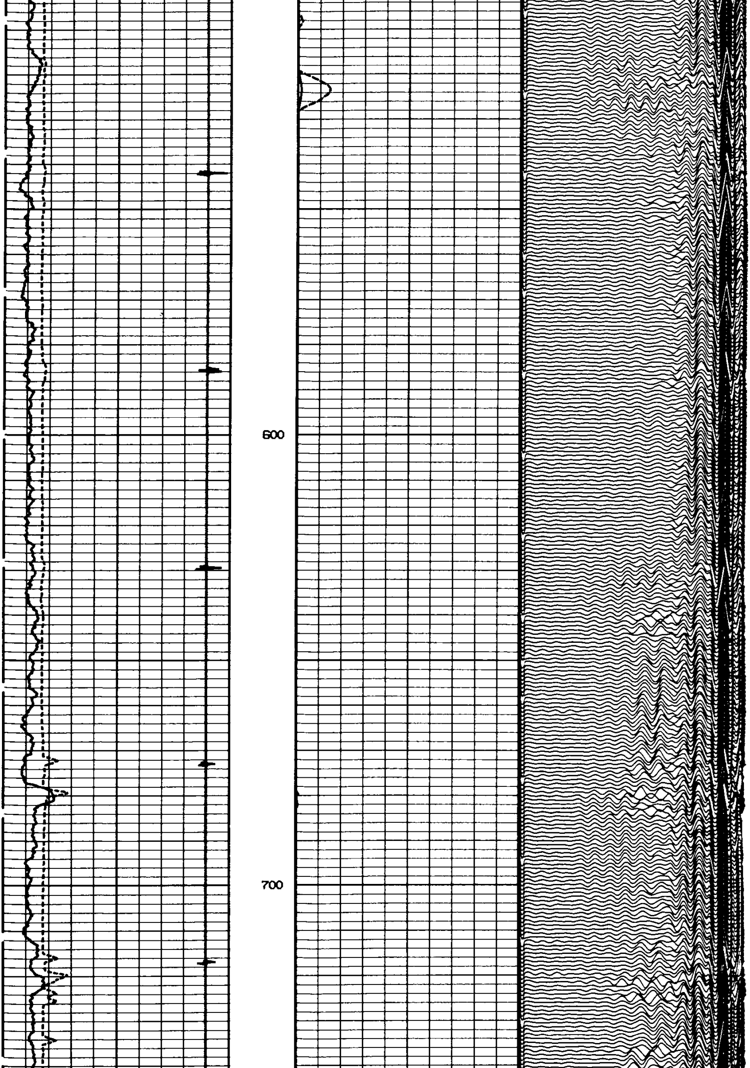
GENERAL					GAMMA		NEUTRON		ACOUSTIC	
RUN	DEPTHS		WELL HEAD	SPEED	SCALE		SCALE		SCALE	
NO.	FROM	TO	PRESSURE	FT./MIN.	L	R	L	R	L	R
ONE	1642	130	0	35			1700	2800	0	100

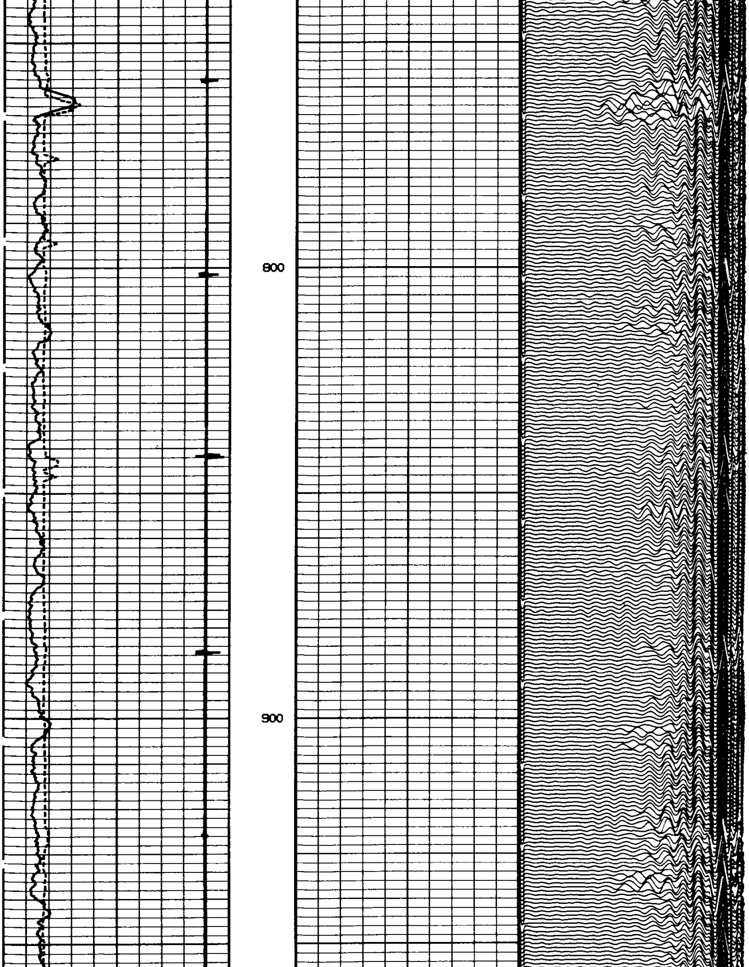
REMARKS: THANKYOU FOR USING WELEX.
NO CEMENT DATA AVAILABLE AT TIME OF LOGGING.

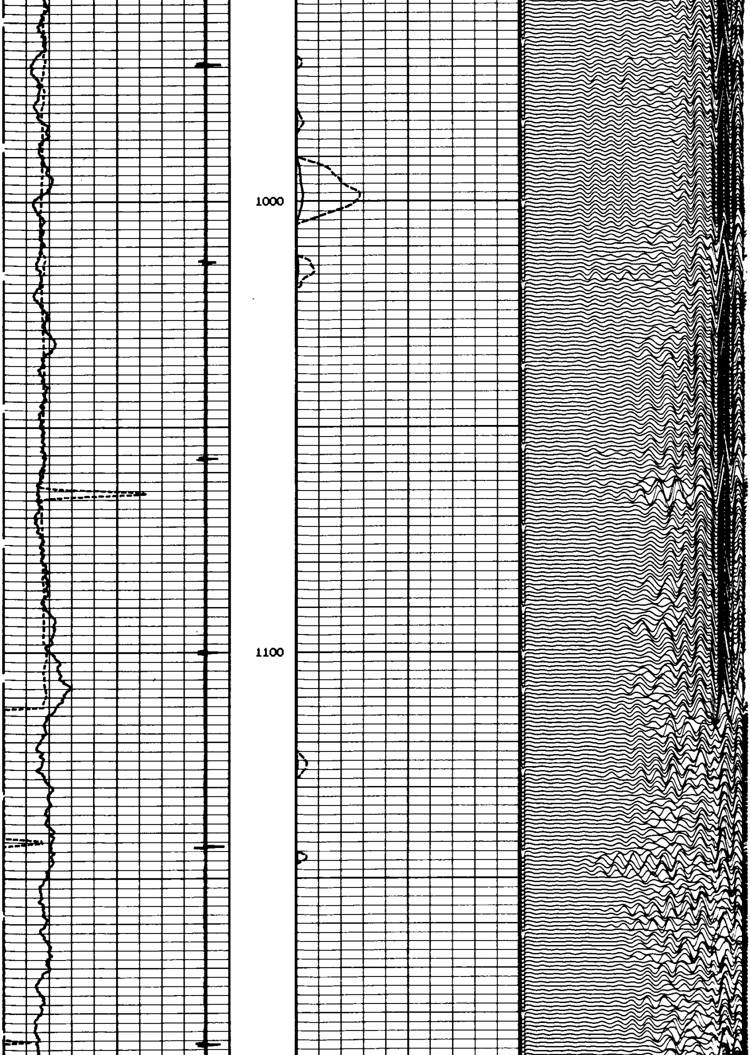
WELEX DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF LOG DATA. CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS. OR RECOMMENDATIONS WHICH MAY BE GIVEN BY WELEX PERSONNEL OR WHICH MAY APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA. INTERPRETATIONS. OR CONVERSIONS. OR RECOMMENDATIONS AGREES THAT WELEX IS NOT RESPONSIBLE. EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILFULL MISCONDUCT FOR ANY LOSS. DAMAGES. OR EXPENSES RESULTING FROM THE USE THEREOF.

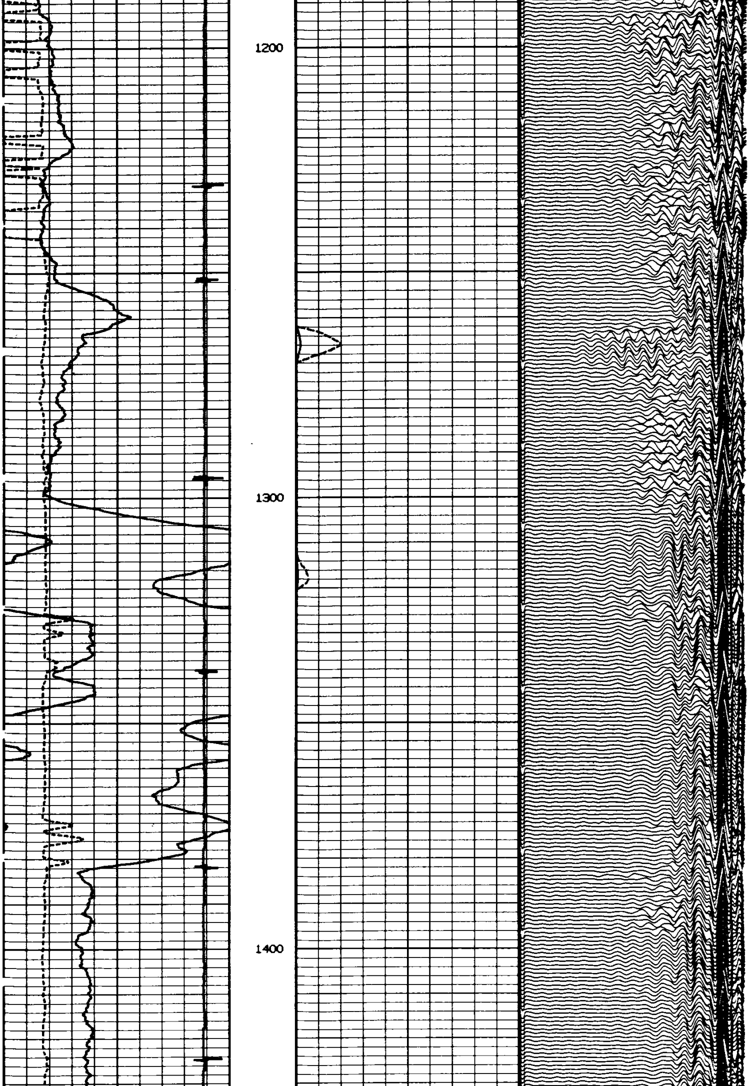


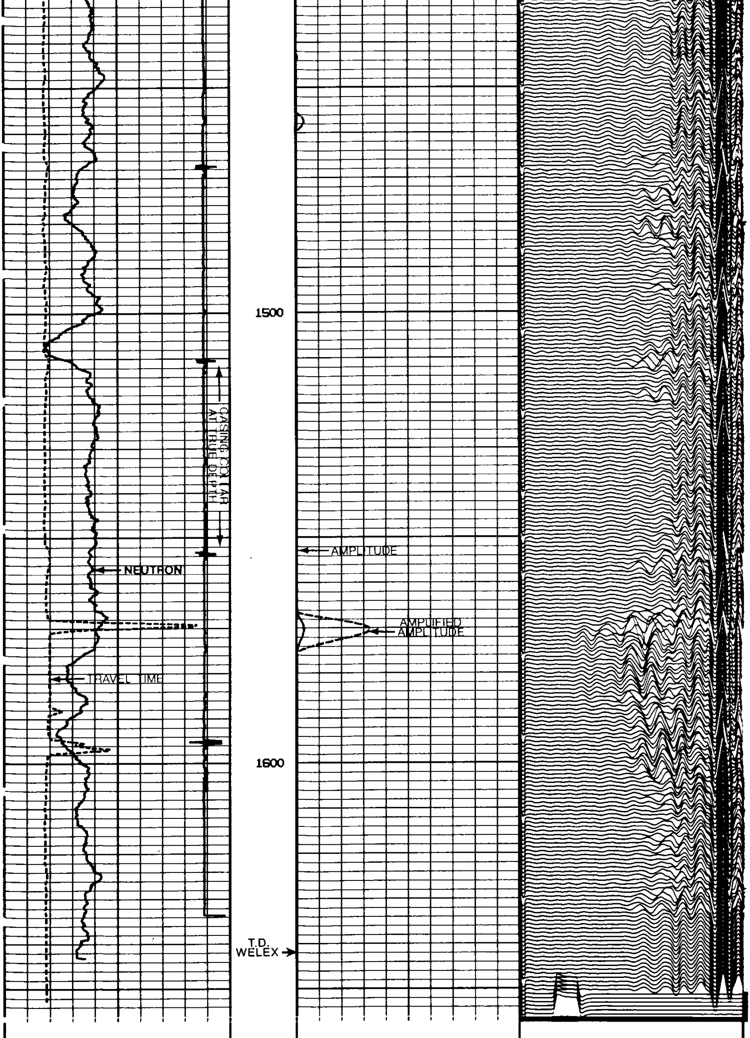












0. COLLAR LOCATOR 10.

1700. NEUTRON COUNTS 2800.
CNTS

0. AMP. AMPLITUDE 100.

1200. TRAVEL TIME 800.
USEC

0. PIPE AMPLITUDE 1000.

200. MICROSEISMOGRAM 1200.
MICRO-SECONDS

REPEAT SECTION

1200. TRAVEL TIME 800.
USEC

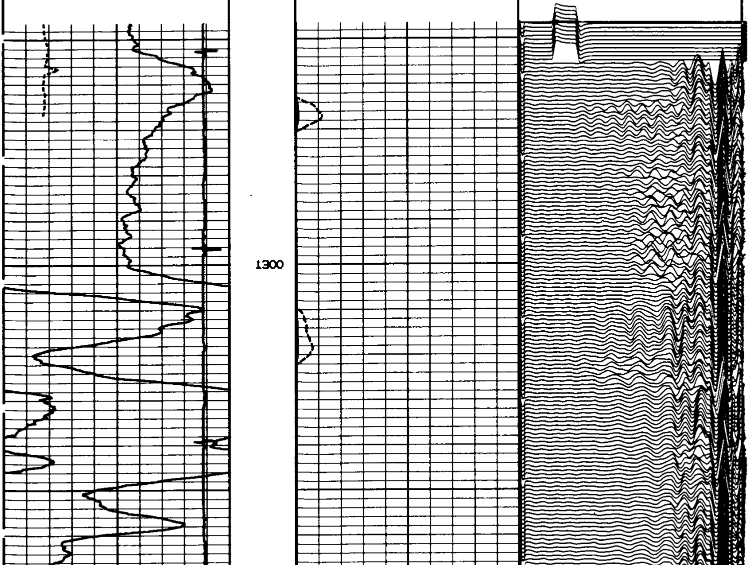
0. PIPE AMPLITUDE 1000.

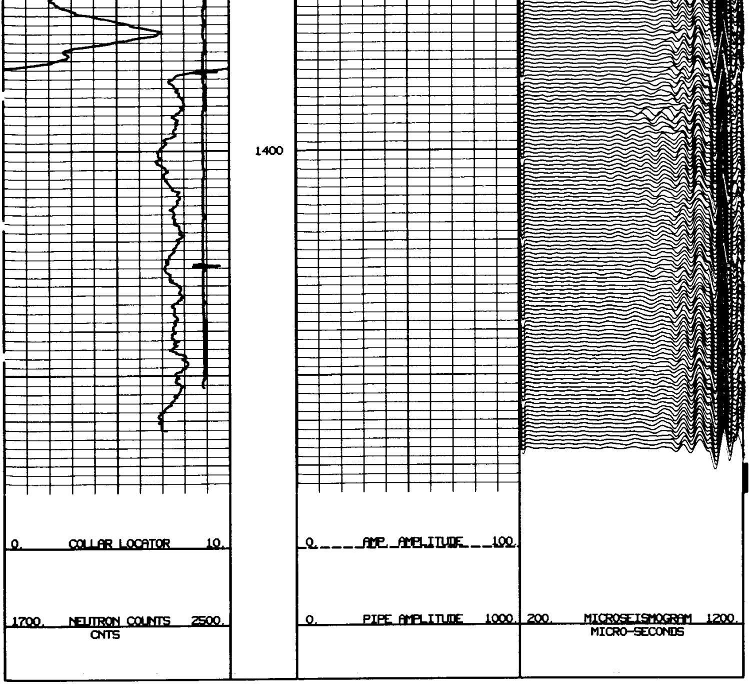
200. MICROSEISMOGRAM 1200.
MICRO-SECONDS

1700. NEUTRON COUNTS 2500.
CNTS

0. AMP. AMPLITUDE 100.

0. COLLAR LOCATOR 10.





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USEC

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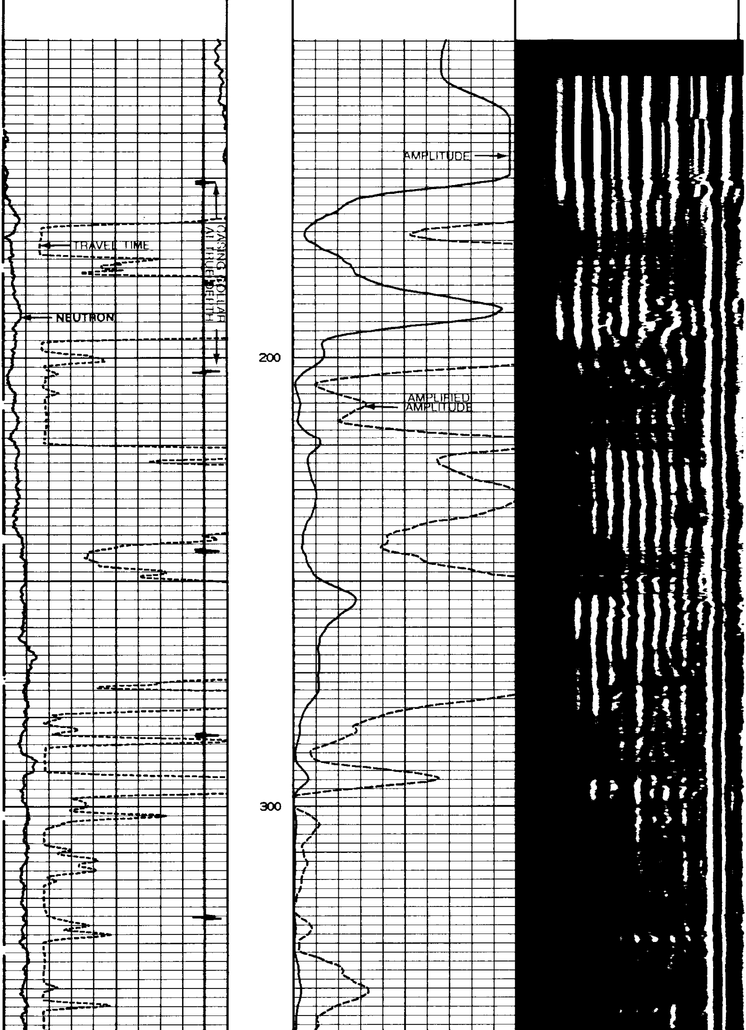
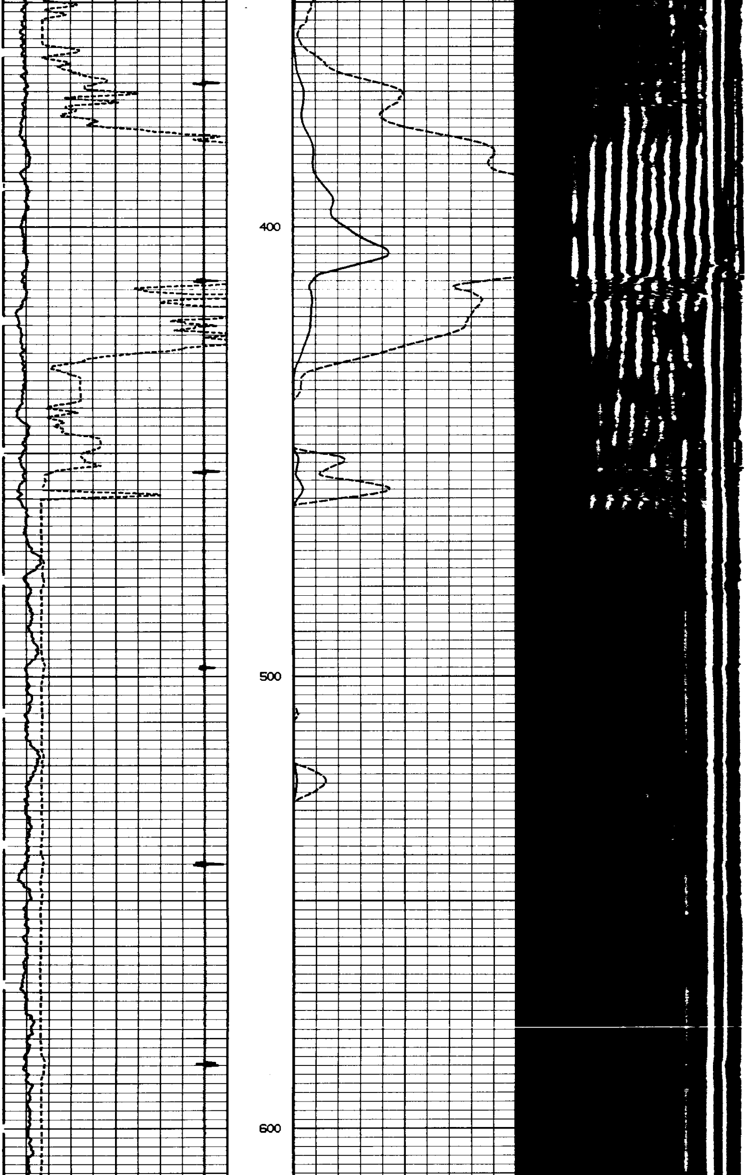
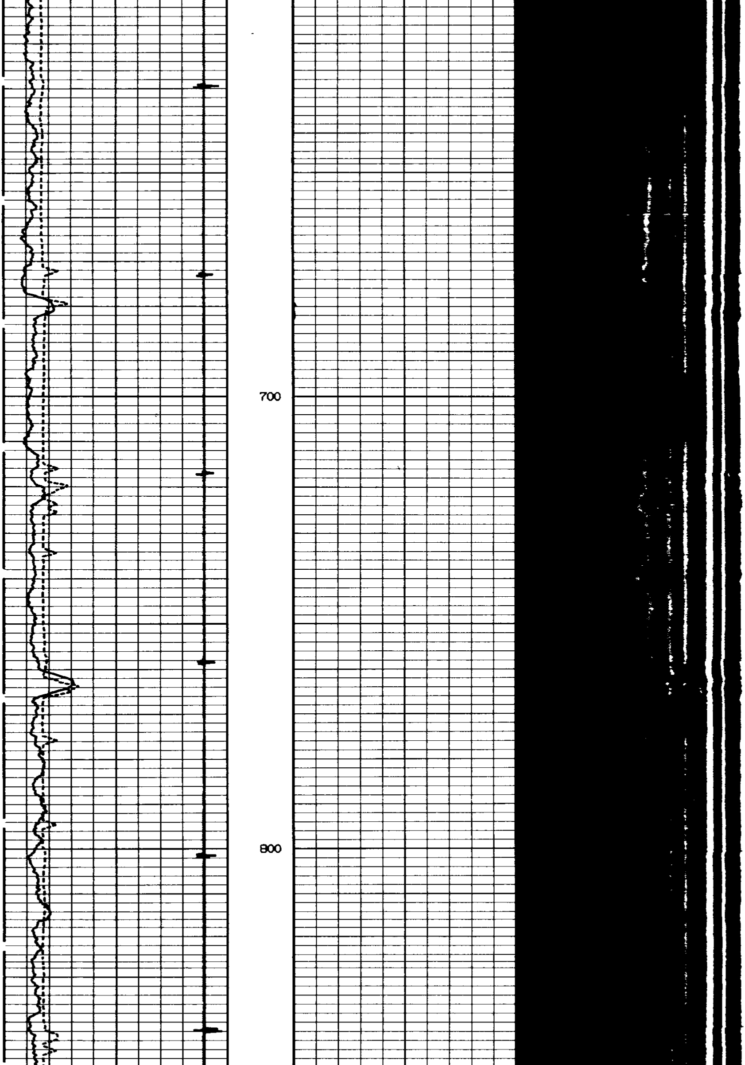
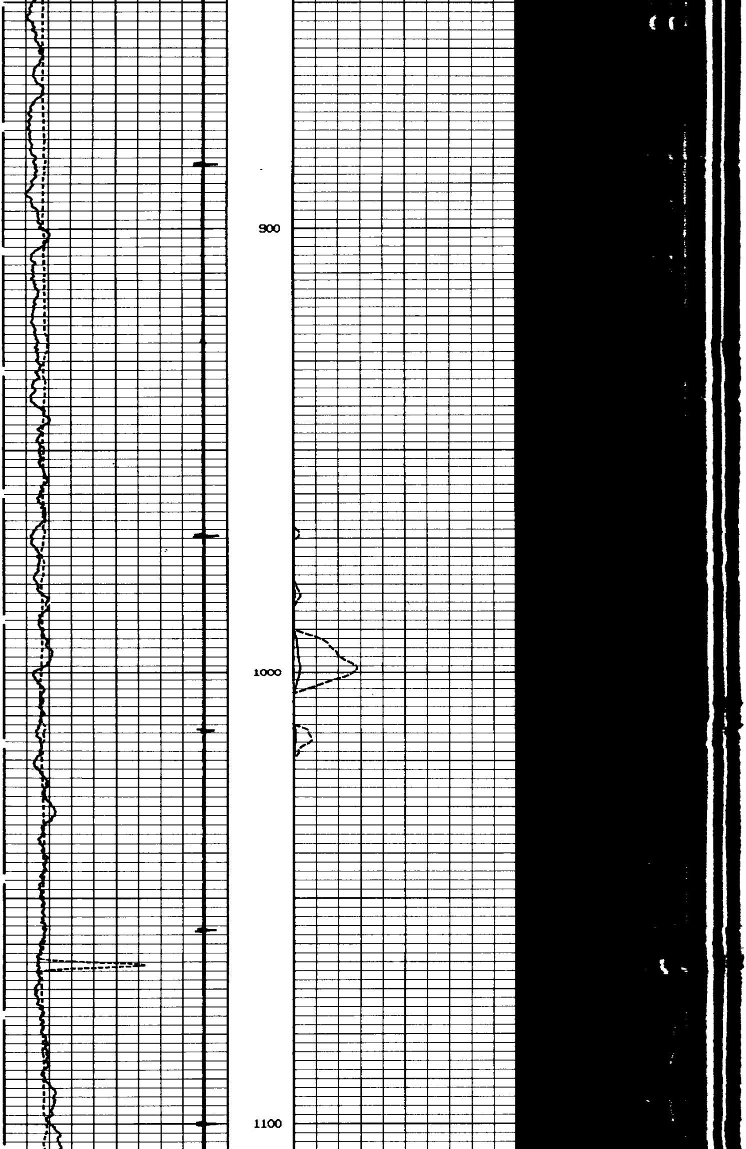
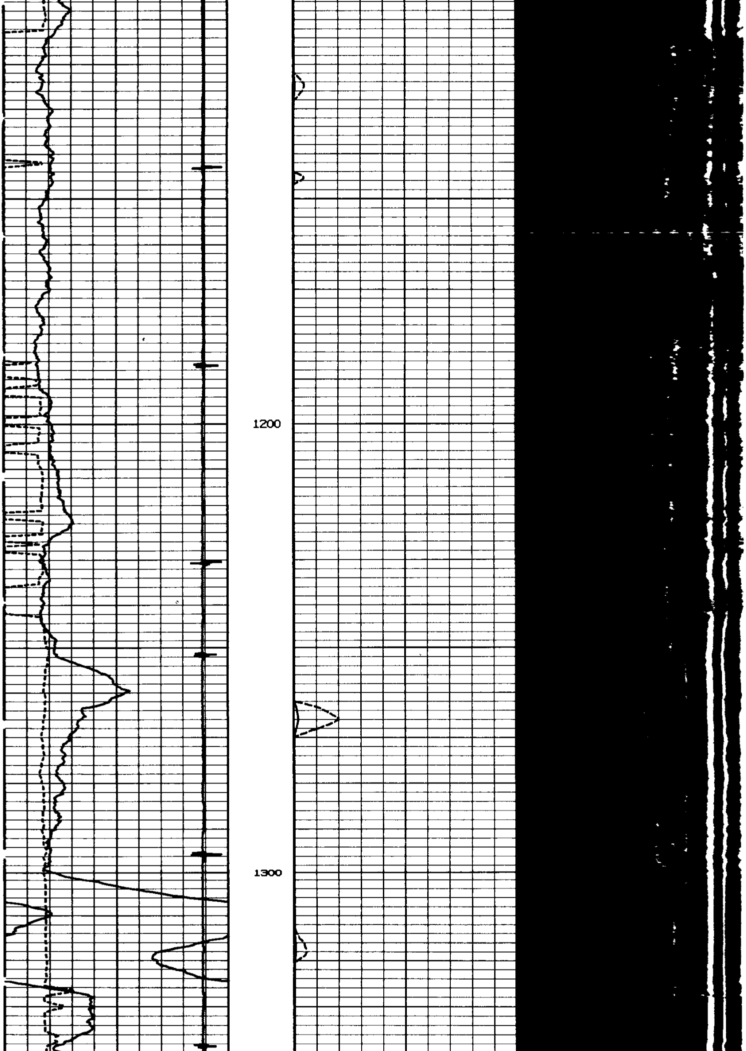
200. MICROSEISMOGRAM 1200.
MICRO-SECONDS

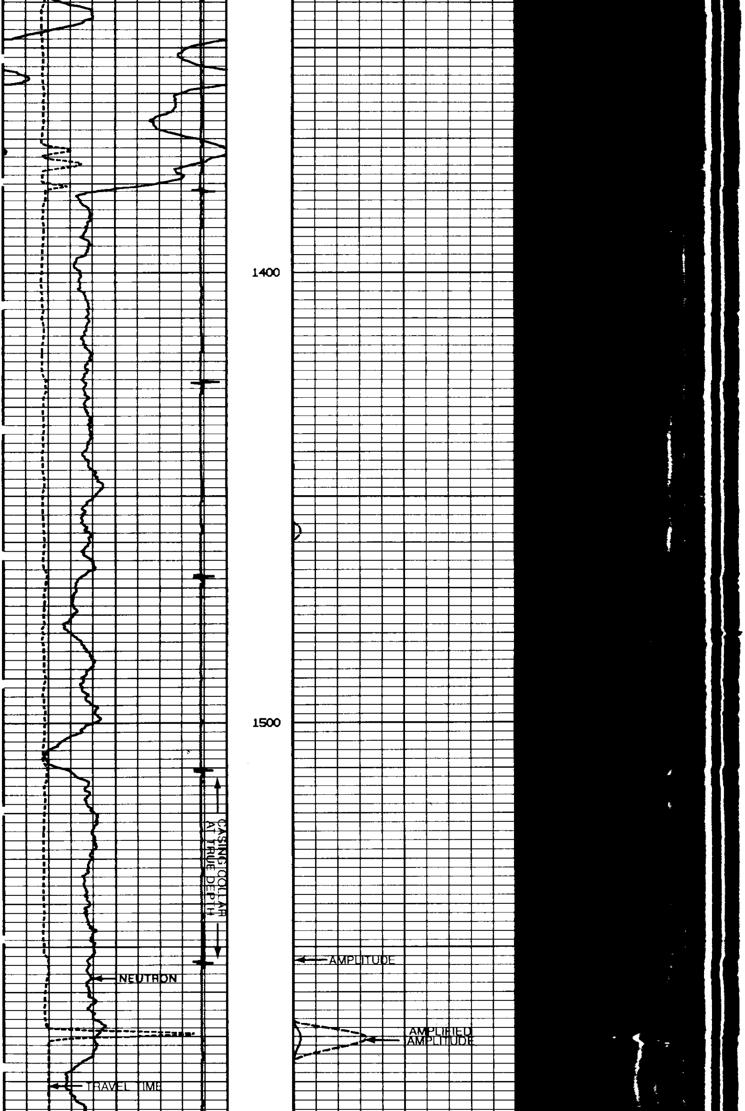


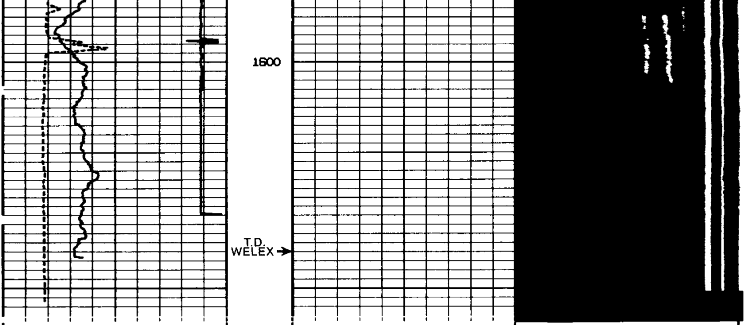












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USEC

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200. MICROSEISMOGRAM 1200.
MICRO-SECONDS

REPEAT SECTION

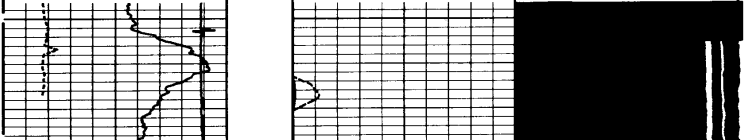
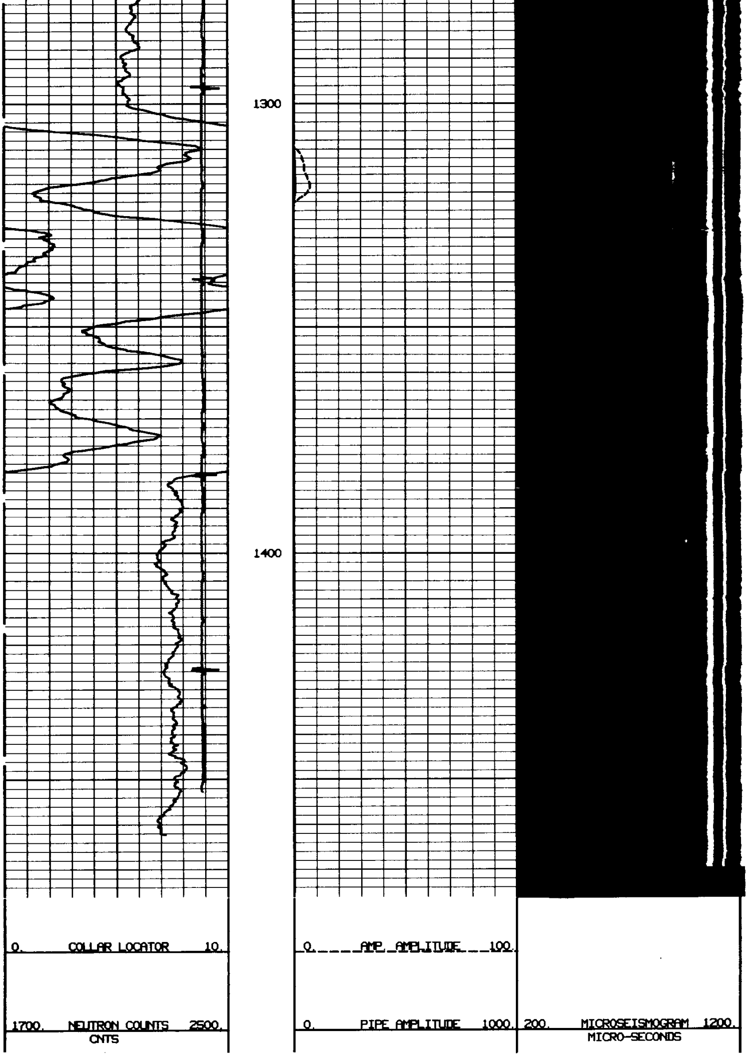
1200. TRAVEL TIME 800.
USEC

0. PIPE AMPLITUDE 1000.

200. MICROSEISMOGRAM 1200.
MICRO-SECONDS

1700. NEUTRON COUNTS 2500.
CNTS

0. AMP. AMPLITUDE 100.

0. COLLAR LOCATOR 10.