

G102700-4

UNIVERSITY OF UTAH
RESEARCH INSTITUTE
ENERGY SERVICES LTD.

Welex		MICRO-SEISMOGRAM LOG-CASED HOLE	
COMPANY ANSCHUTZ CORPORATION			
WELL	FEDERAL 60-13 #1	FIELD	WILHELM
COUNTY	OWYHEE	STATE	IDAHO
Location 86 - SW		Other Services:	
Sec.	11	Twp.	3S
Range	1E	Elev. K 8 - 2731'	
Permanent Datum		GROUND LEAF	
Log Measured From		KELLY BUSHING	
Drilling Measured From		KELLY BUSHING	
Run No.	82-18-7-	A.M.	
Date & Time Survey	8-18-7-	A.M.	
Date & Time Cementing	8-18-7-	A.M.	
Type Cementing Operation	SQUEEZE		
Depth Driller	1056'	to	SURFACE
Depth Welex	1053'	to	or
Logged Interval		or	
Casing Driller			
Floor Collar-DV Tool	1320'	to	1700'
Squeeze Depth	100'	to	100'-100' CLASS V.G. N.L.L.
Amount & Type Cement			
Type Fluid in Hole	WATER		
Fluid Level			
Salinity PPM Cl			
Weight lb. gal.-Vis.			
Approx. Logged Cam. Top			
Calculated Cement Top			
Max. Hole Temperature			
Test No.	101-		
Spacing Recorded	11'		
Spacement-Location	4-26		WEANSL
Recorded by	SAUNDERS		
Witnessed by	FR. MARVIN		

Reproduced By
Electrical Log Services
MIDLAND, TEXAS 79701



REFERENCE K 7871N

COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

API NO.

CASING RECORD

PERFORATING RECORD

ACID FRAC SHOT

I.P.

GOR

T.P.

REMARKS

REPRODUCTION FOR RESALE PROHIBITED

BORE HOLE RECORD

CASING RECORD

From To Csg. Size Wt. From To Centralized Interval

I.P.
 GOR GR
 T.P. C.P.
 REMARKS:

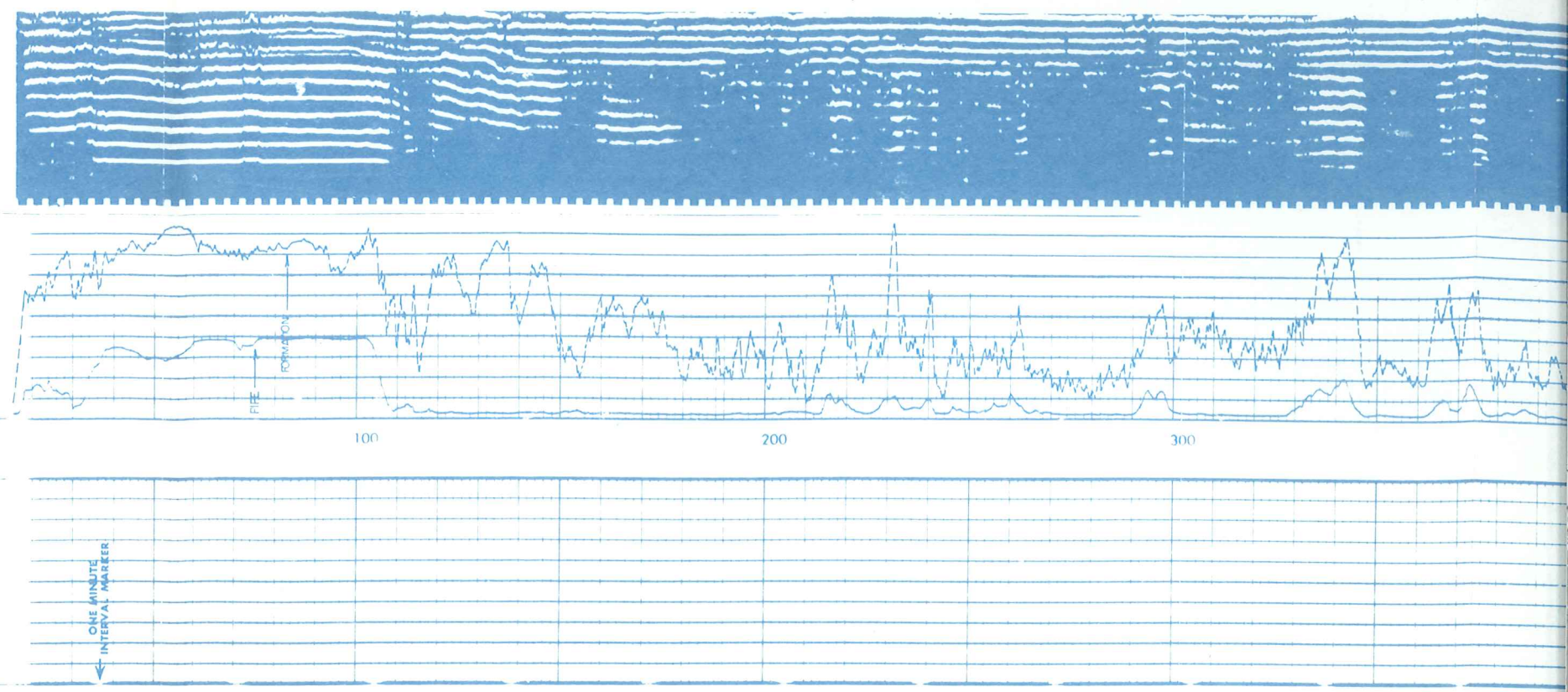
(S.E.) REPRODUCTION FOR RESALE PROHIBITED

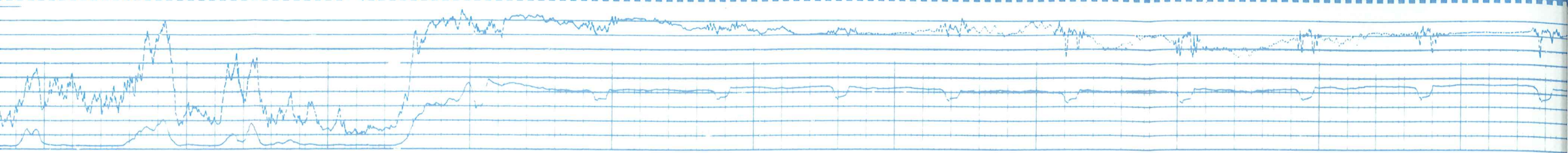
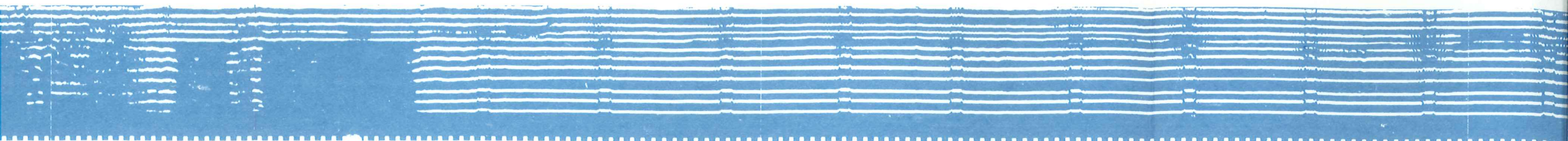
BORE HOLE RECORD				CASING RECORD			
Bit Size	From	To	Csg. Size	Wt.	From	To	
							Centralized Interval
							Scratched Interval
							Open Perforations

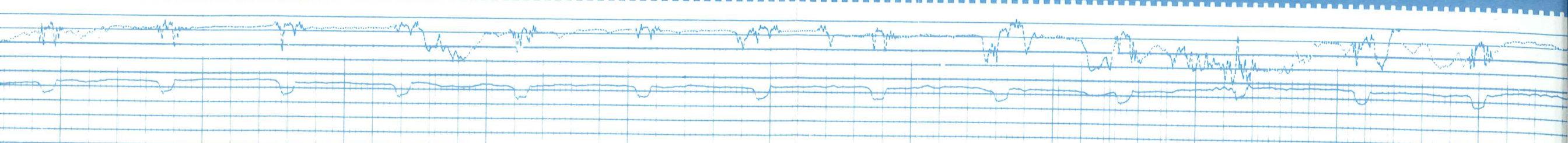
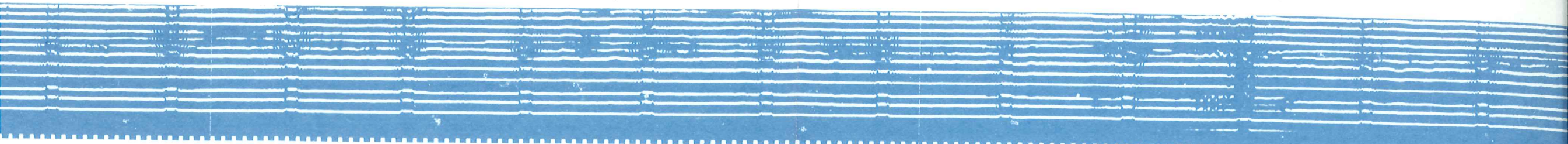
SERVICE TICKET NO. _____ REMARKS:

THIS DATA NOT GUARANTEE THE ACCURACY OF THE INFORMATION OF LOG DATA. CONVERSION OF LOG DATA TO PHYSICAL LOG PARAMETERS, OR RECOMMENDATIONS WHICH MAY BE MADE BY THE COMPANY, ARE BASED ON THE DATA AS REPORTED. THE COMPANY ASSUMES NO LIABILITY FOR ANY LOSS, DAMAGE, OR SPECIAL LIABILITY INCURRED BY THE USER OF THIS LOG.

GAMMA		AMPLITUDE		MICRO-SEISMOGRAM™ LOG	
API Gamma Ray Units	DEPTH	PIPE CURVE	FORMATION CURVE	SCALE	SCALE
0	0			400	400







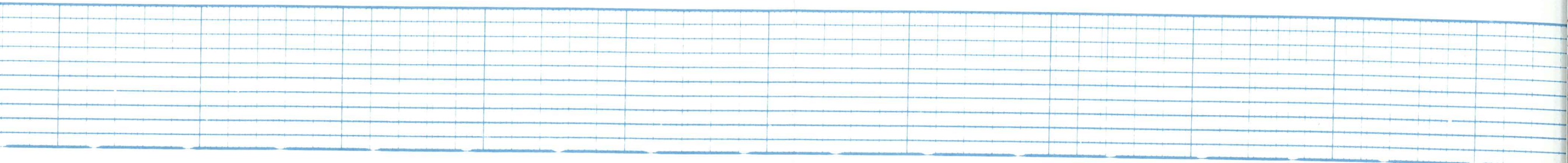
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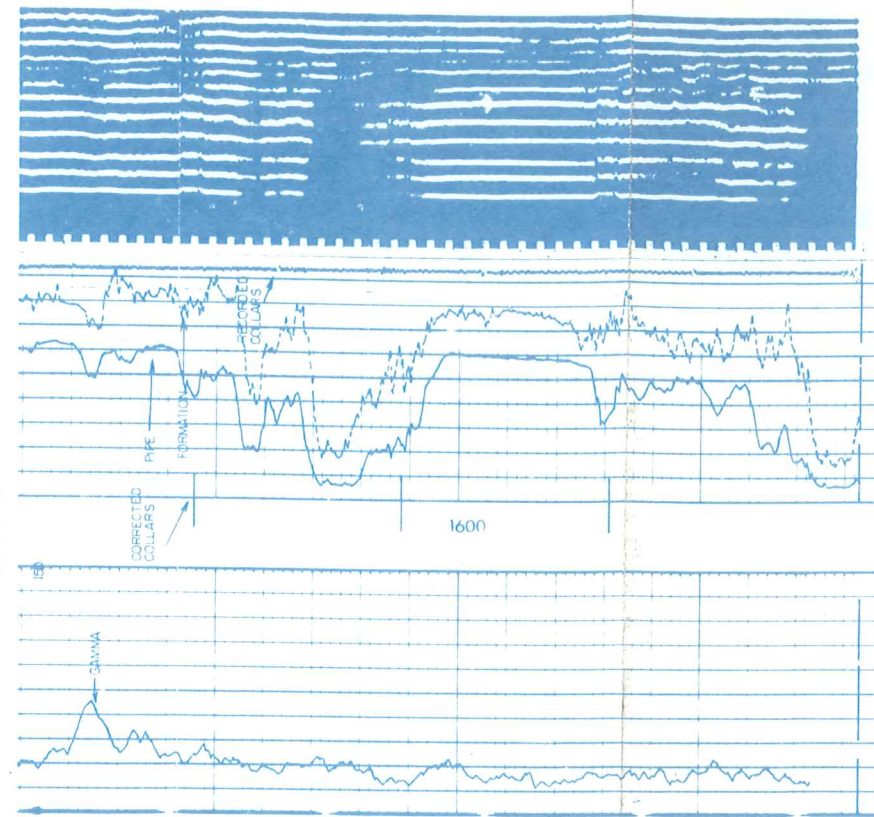
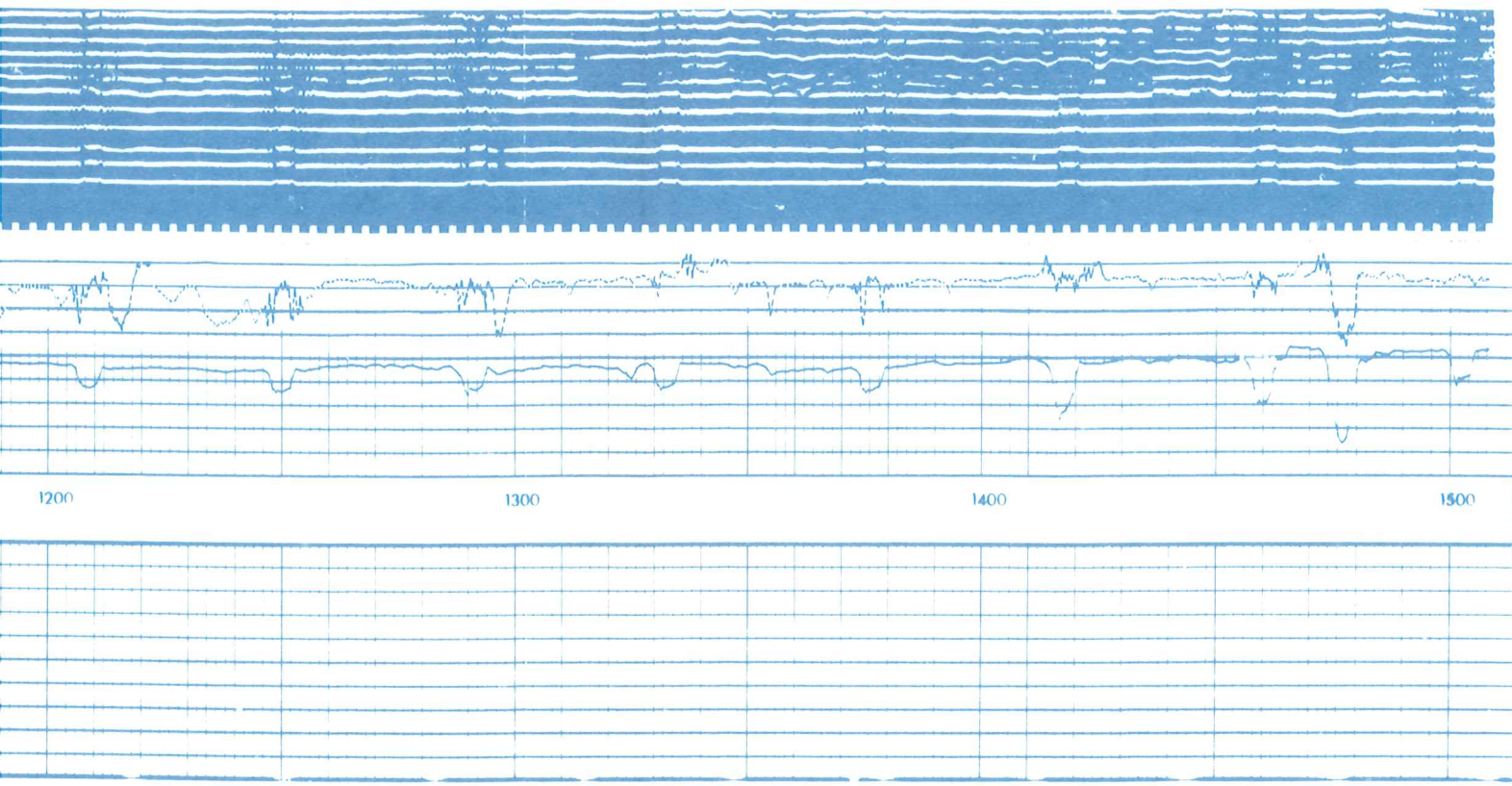
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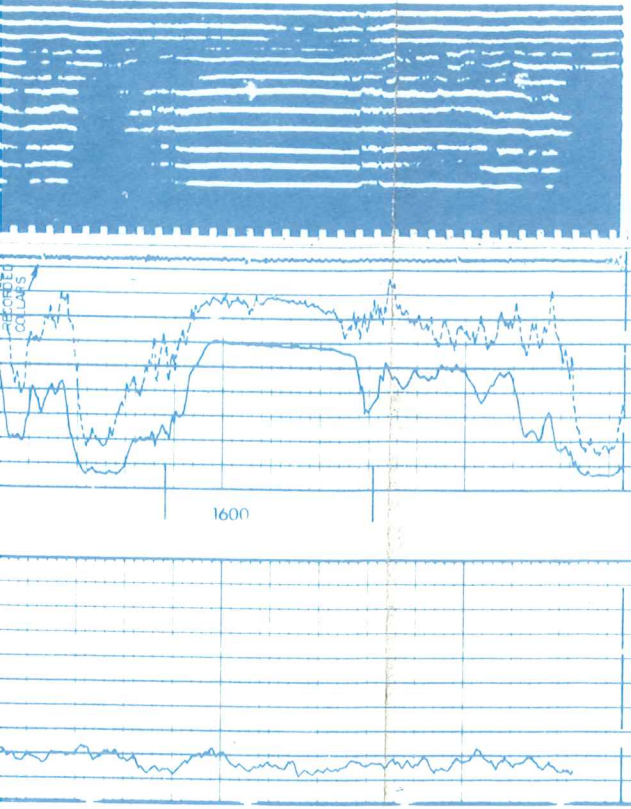
1100

1200





0	130		
GAMMA		AMPLITUDE	
API Gamma Ray Units		200	
		1200	
		MICRO-SEISMOGRAM LOG	



MICRO-SEISMOGRAM LOG	
FORWARD CURVE	200
PIPE CURVE	1200
AMPLITUDE	
T.D. LOGGED (MS.) T.D. DRILLER T.D. WELEX (ms)	
GAMMA API Gamma Ray Units	
ANSCHUTZ CORPORATION FEDERAL #0-13-1 KILLBUCK WYBEE COUNTY, IDAHO 13-38-1E	

