POMRENKE

Acoustic Cement Bond Log
VDL

FILE NO.

COMPANY WEXPRO COMPANY
WELL F. WILSON #8
FIELD EAST HIAWATHA
COUNTY MOFFAT STATE COLORADO
LOCATION: 0508105543
SEC. 22 TWP 12N RGE 100W

Other Services
GAMMA RAY
DELTA TIME
CCL

Permanent Datum GROUND LEVEL Elev. 7151
Log Measured from KELLY BUSHING , 9.5 Ft. Above Permanent Datum
Drilling Measured from KELLY BUSHING

Elevations:
KB 7160.5
DF
GL 7151

Date	8-29-85	CSG. RECORD	Surface	Protection	Production	Liner	
Run No.	ONE	Size			7"		
Depth-Driller	2400	Wt./Ft.			20#		
Depth-Logger	2200	Grade					
Bottom Logged Int.	2195	Type Joint					
Top Logged Int.	400	Top			SURFACE		
Ft. Measured	1795	Bottom			2535		
Type Fluid in Csg.	2% KCL	PRIMARY CEMENTING DATA					
Density of Fluid		Type Cement					
Fluid Level	FULL	Vol. of Cement					
Max. Temp. Deg. F.	NOT REC.	Additive					
Tool Series No.	SIE	% Additive					
Tool Diam.	3 1/4	Retarder					
Standoff Size	CENTERED	% Retarder					
Logging Speed	30 FPM	Slurry Wt.					
R/A Log Type	SCINT.	Water Loss					
T.C.	2	Drlg. Mud Type					
Sens. Setting	206	Drlg. Mud Wt.					
API Units/Div.	10	PRIMARY CEMENTING PROCEDURE	HR.	DATE			
Truck or Unit No.	302	Started Pumping			Preceding Fluid		
Location	ROCK SPGS	Plug on Bottom			Vol.	Bbls.	
Opr. Rig Time	2 HR.	Pres. Released			Returns: Full Partial None		
Recorded by	LYON	Started Bond Log			Pipe Rot. During Pumping: Yes No		
Witnessed by	MR. HASSLER	Finished Bond Log			Pipe Rot. After Plugdown: Yes No		

FOLD HERE

REMARKS PUT C.I.B.P. ON DEPTH WITH TOP OF OLD PERFS AT 2238' WITH 3 1/8" CCL.
PUT CBL ON DEPTH WITH TOP OF C.I.B.P. SET AT 2200'.
BOTTOM OF SAND PICKED UP WITH GAMMA RAY AT 1810'.

(DEPTHS ON LOG SHOULD BE FAIRLY ACCURATE)

SQUEEZE JOB DETAIL					Centralizer Depths	Scratcher Depths
Squeeze No.	1	2	3	4		
Date						
Depth Interval						
Type Cement						
Vol. of Cement						
Additive						
% Additive						
Retarder						

% Retarder				
Slurry Wt.				
Preceding Fluid				
Vol. Preceding Fluid				
Breakdown Pressure				
Max. Pres. — Stage 1				
" " " 2				
" " " 3				
Final Max. Pressure				
Time Brkdn. (hr.-date)				
Pumping Stopped				
Pres. Released				
Started Bond Log				
Finished Bond Log				

Pressure read at: Surface ______________ Bottom Hole ______________

SEQUENCE OF CEMENT BOND LOGS

Log run following:	CBL Run		CBL Run
Surface Casing Cement		Squeeze No. 1	
Protection Casing Cement		Squeeze No. 2	
Production Casing Cement		Squeeze No. 3	
Liner Cement		Squeeze No. 4	

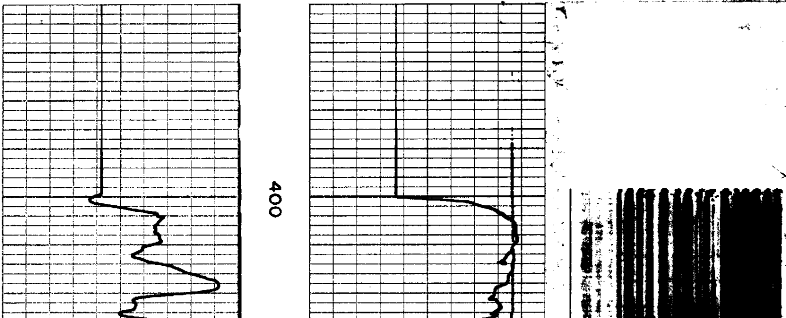
AVERAGE WELL DRIFT

________ ° from ________ to ________

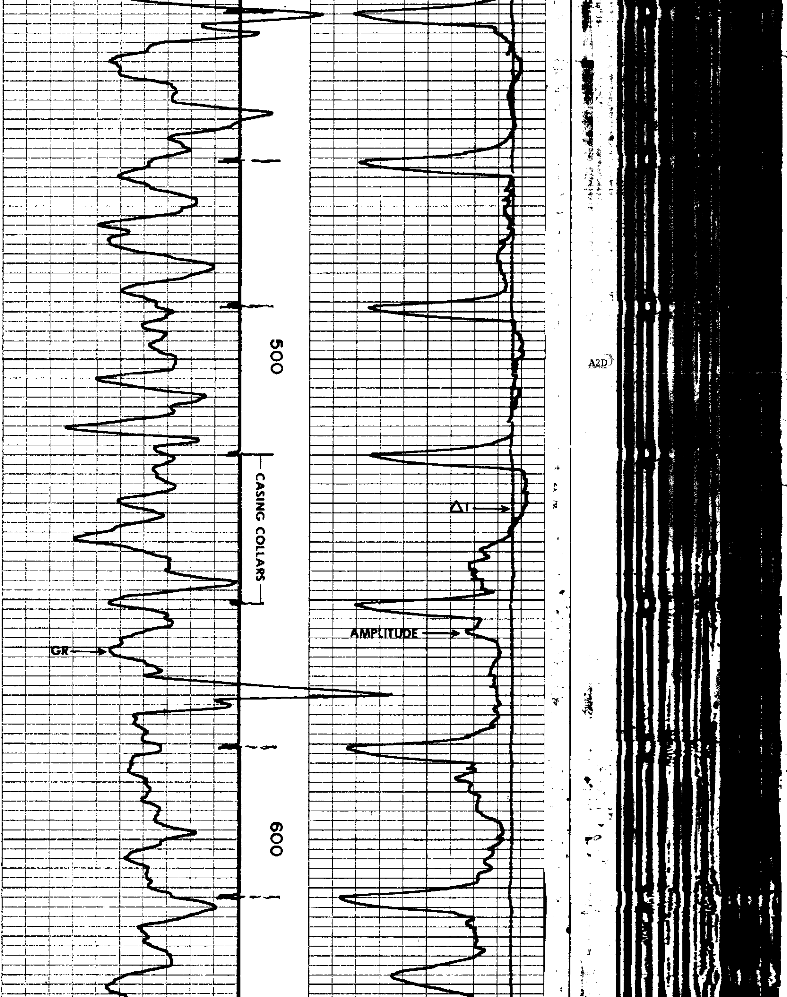
________ ° from ________ to ________

________ ° from ________ to ________

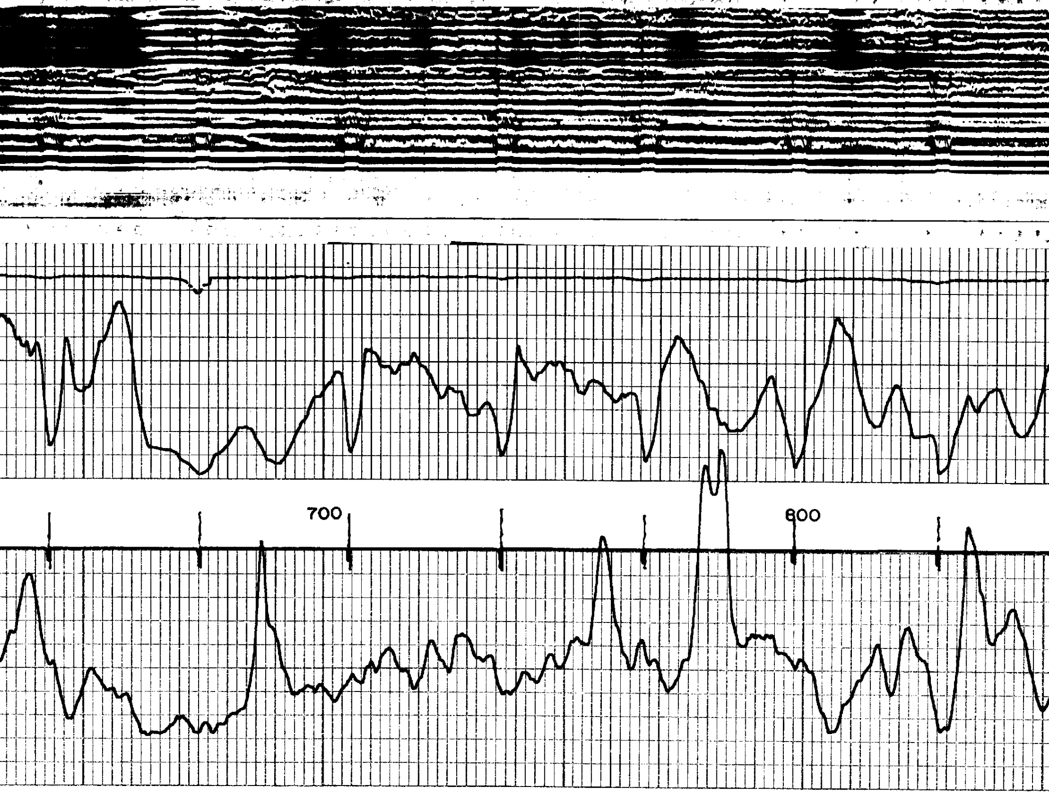
GAMMA RAY API UNITS	DEPTH	COMPRESSION WAVE AMPLITUDE	VARIABLE DENSITY
RADIATION INTENSITY INCREASES →		AMPLITUDE INCREASES →	
		DELTA TIME 140 MICROSECONDS 40	
0 100			0 1000
			MICROSECONDS

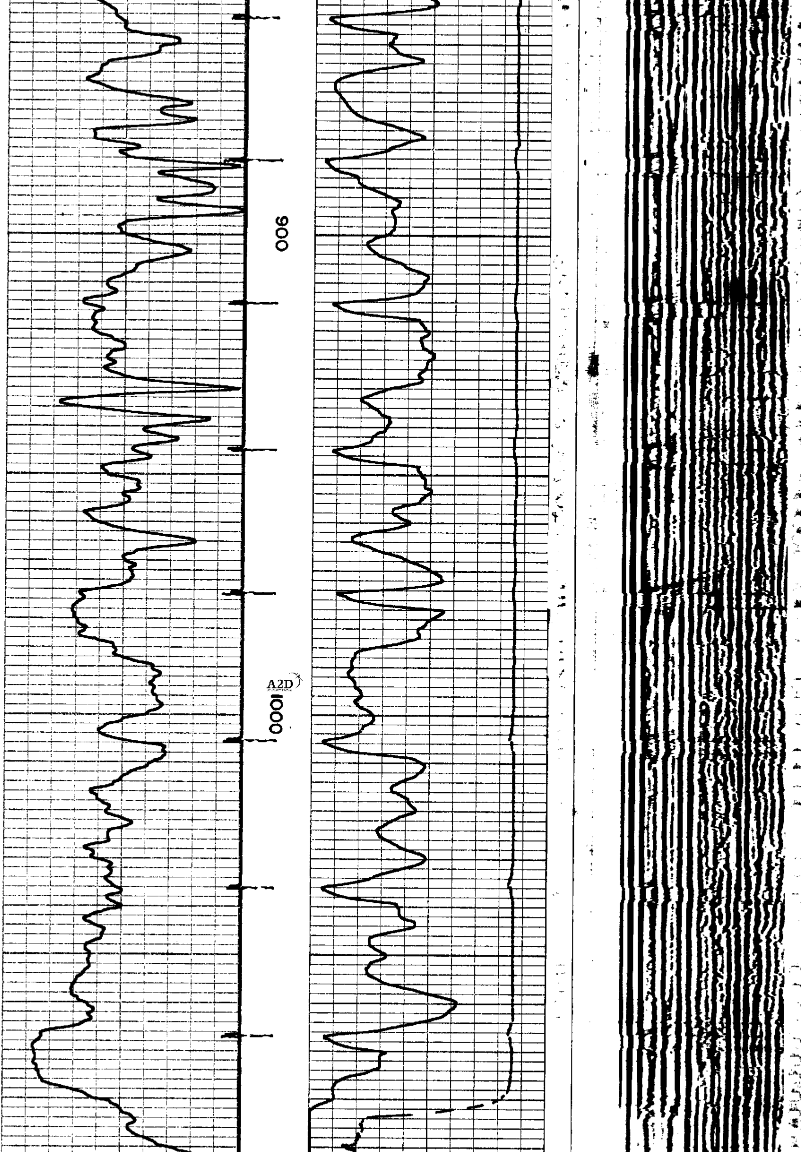


TGS



A2D





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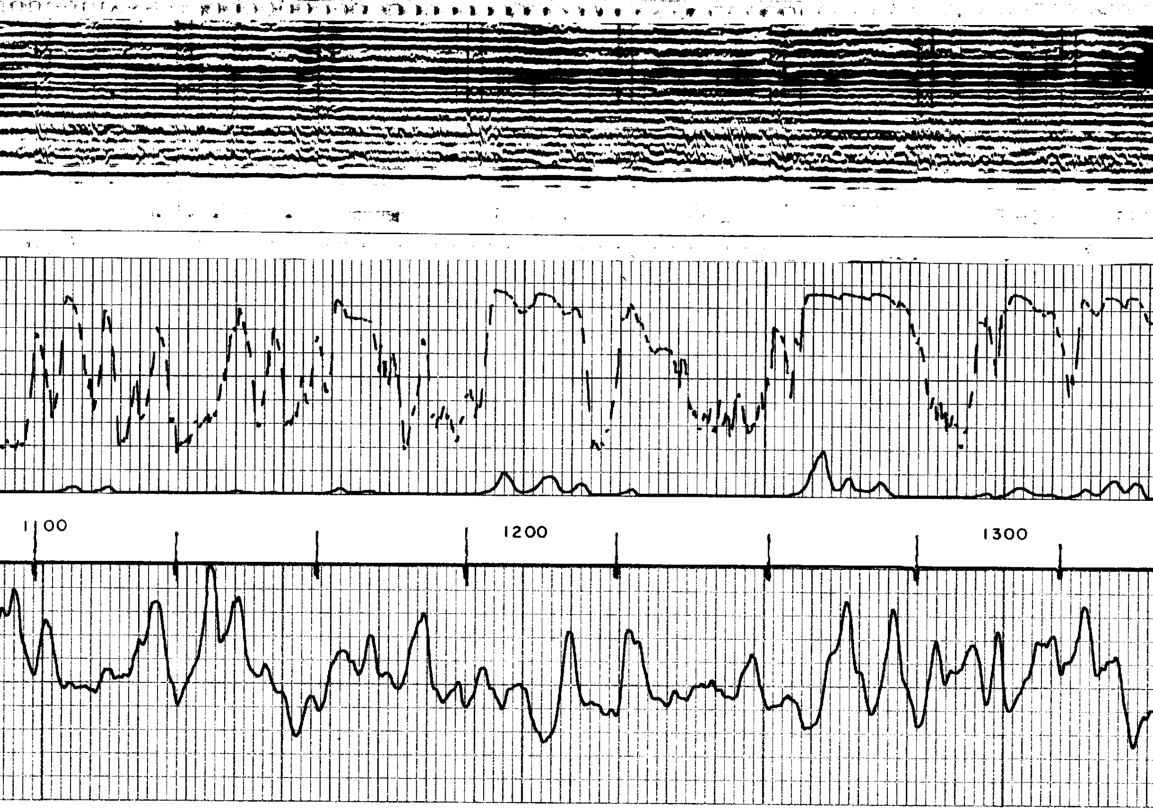
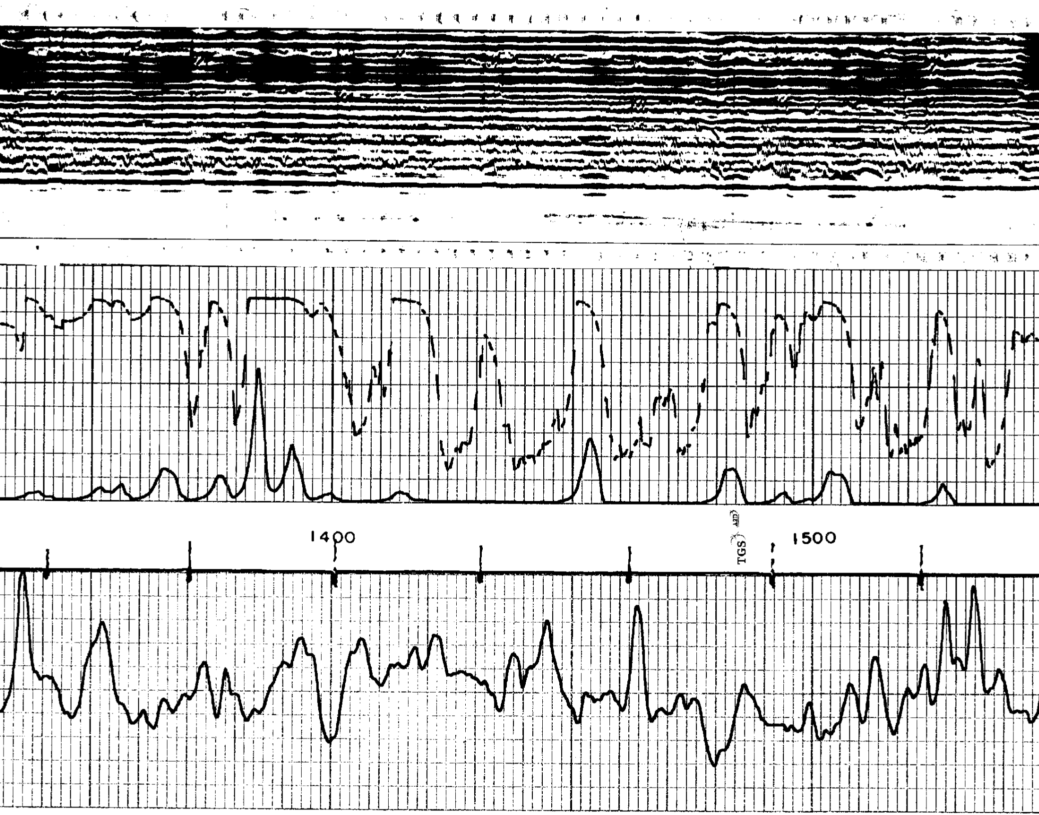
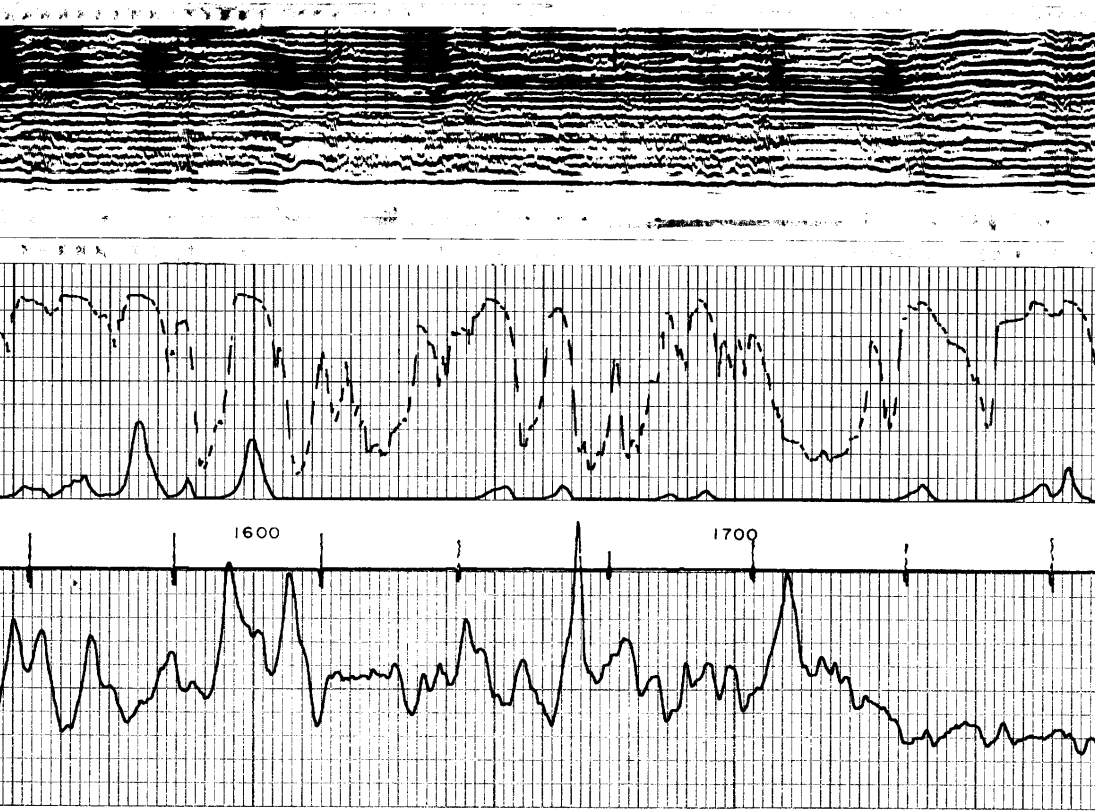
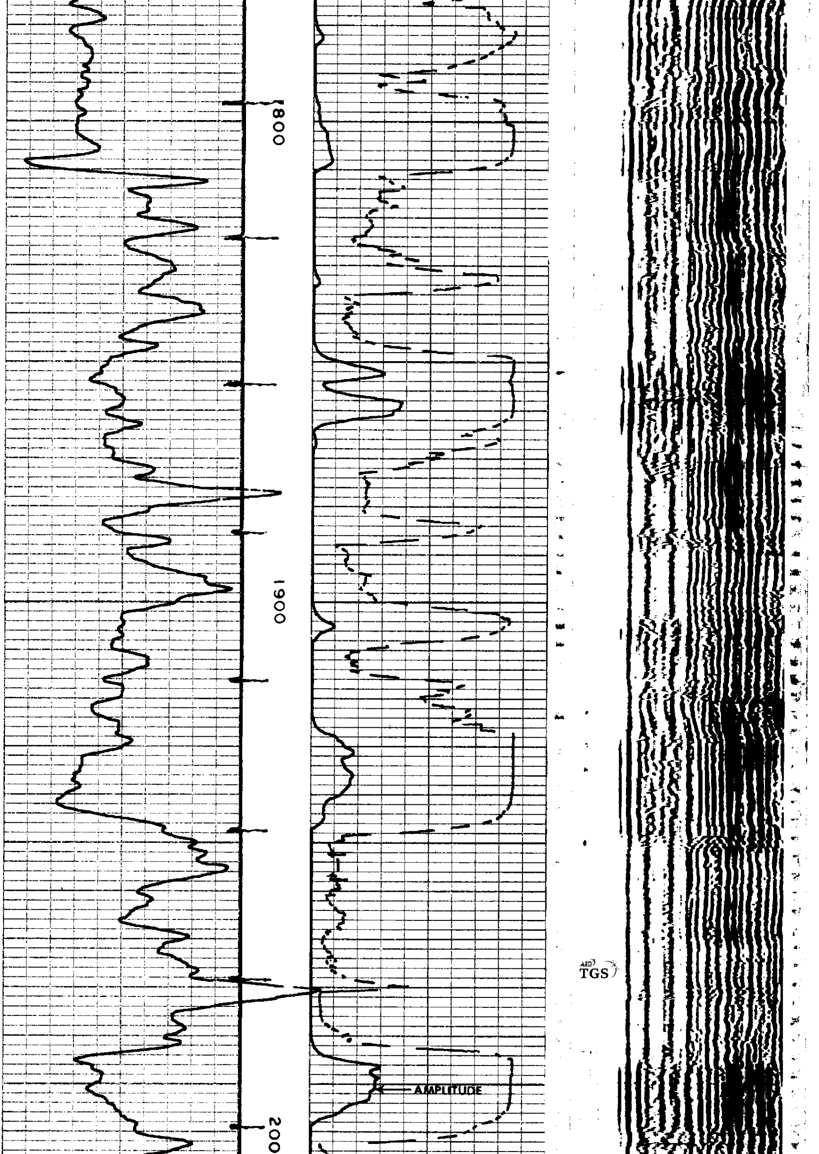




TGS A2D





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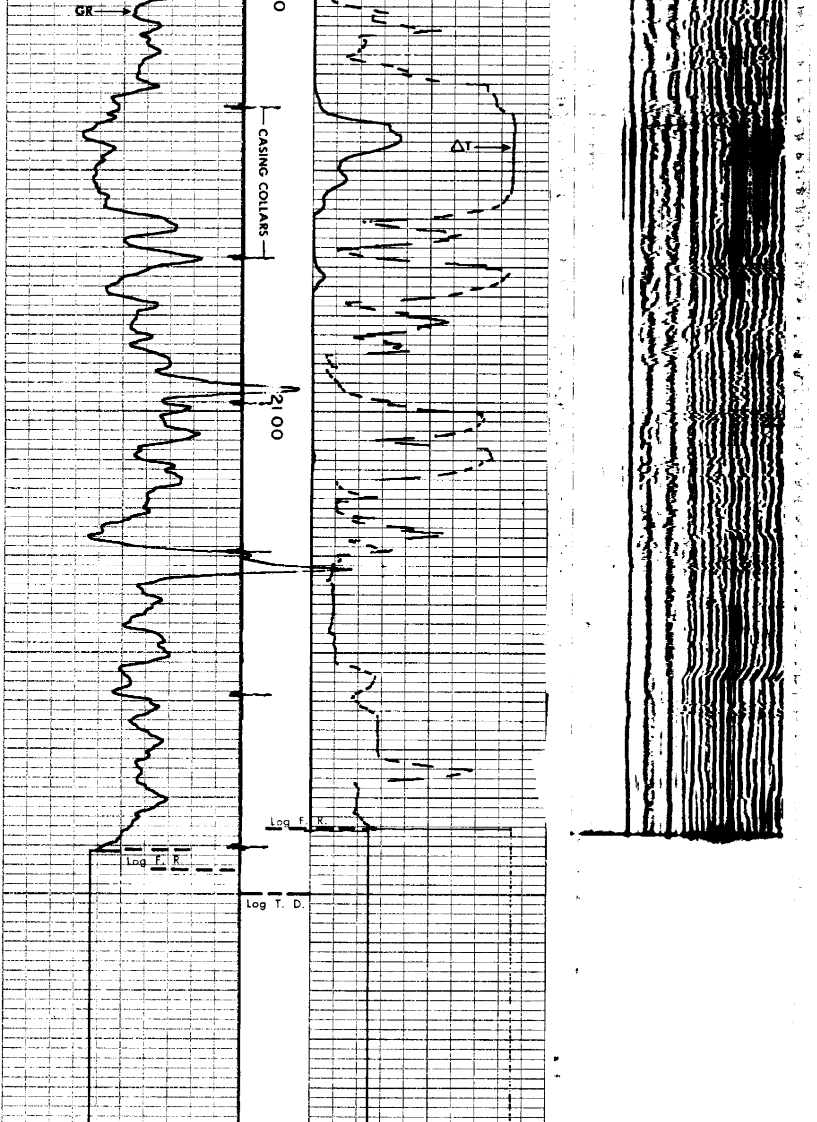
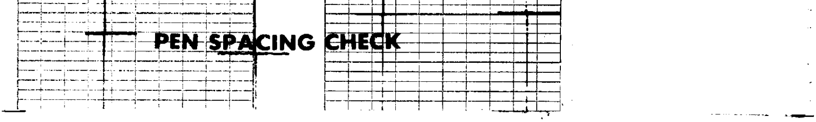


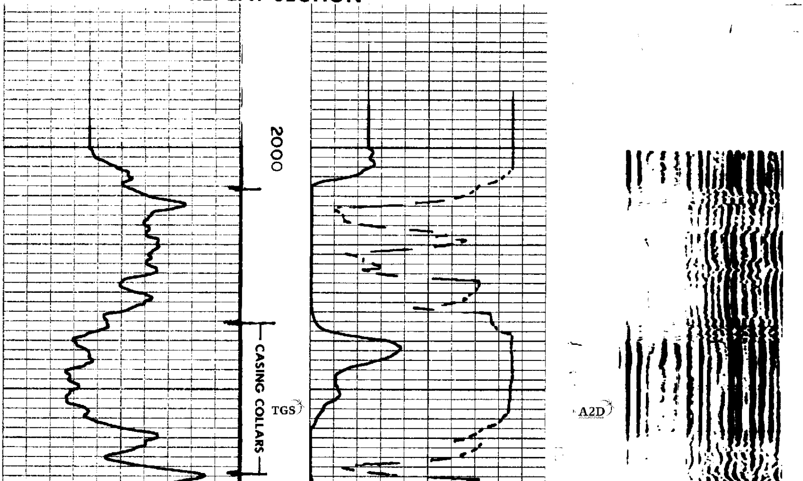


PEN SPACING CHECK

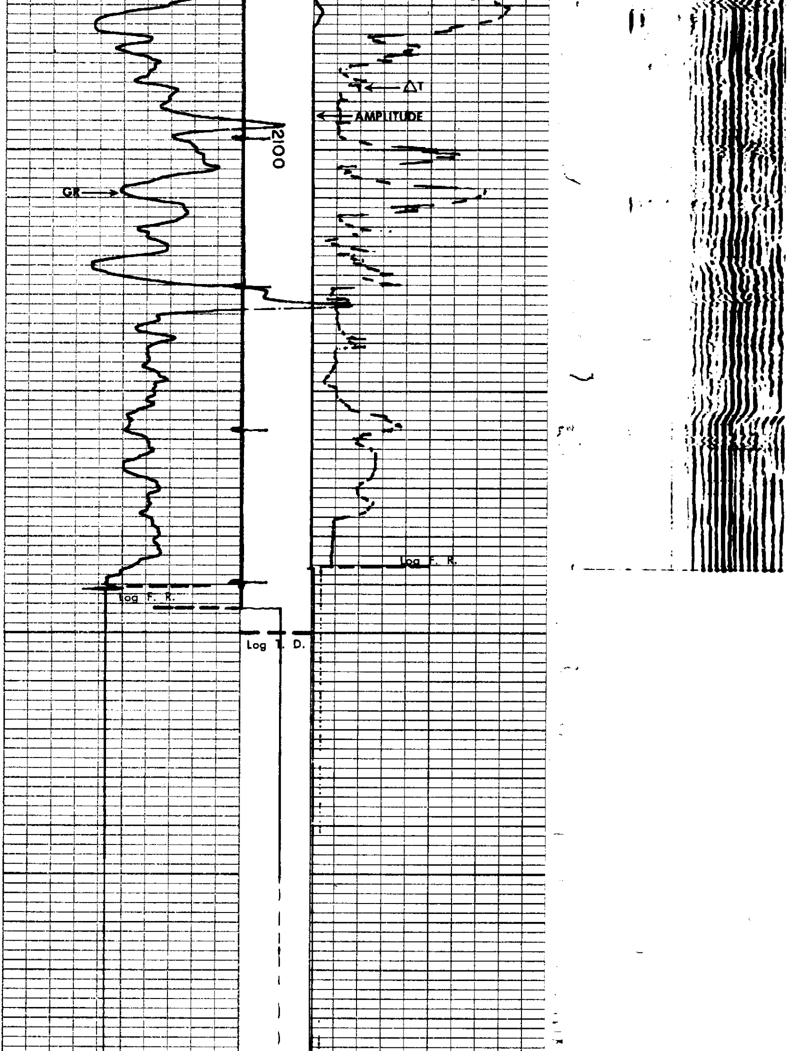
0 100 RADIATION INTENSITY INCREASES →		140 MICROSECONDS 40 DELTA TIME AMPLITUDE INCREASES →	MICROSECONDS 0 1000
API UNITS **GAMMA RAY**	**DEPTH**	**COMPRESSION WAVE AMPLITUDE**	**VARIABLE DENSITY**

Company	WEXPRO COMPANY	**Drillers T.D.**	
Well	F. WILSON #8	**Log F.R.**	2195
Field	EAST HIAWATHA	**Log T.D.**	2200
County	MOFFAT	**Elevations:**	
State	COLORADO	**K.B.** 7160.5 **D.F.**	**G.L.** 7151

REPEAT SECTION



TGS
A2D



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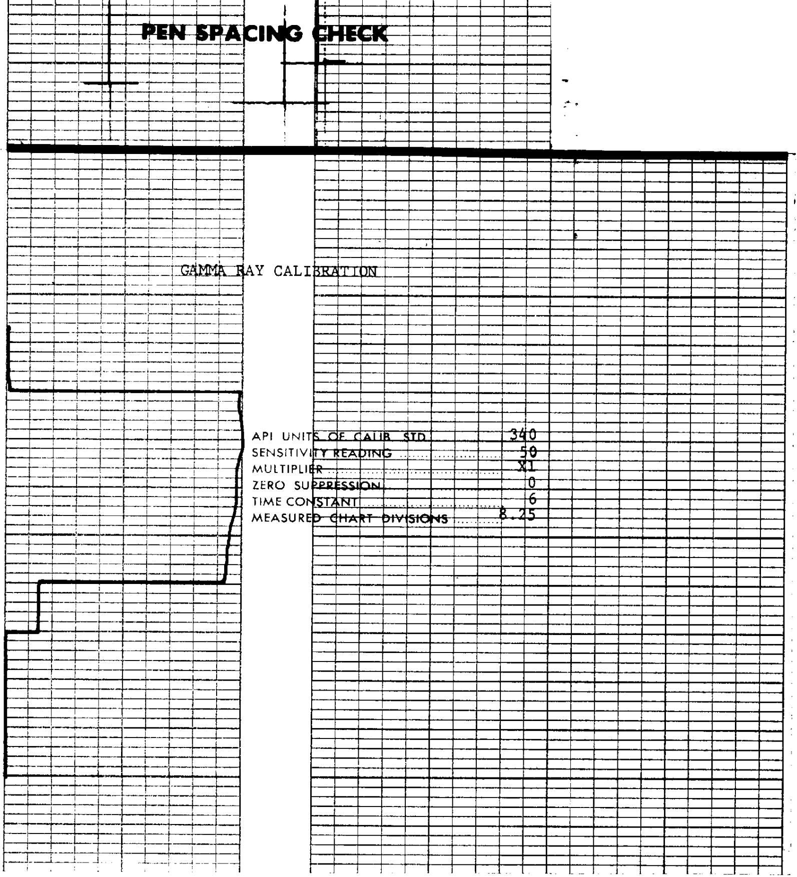

GAMMA RAY CALIBRATION

API UNITS OF CALIB. STD.	340
SENSITIVITY READING	50
MULTIPLIER	X1
ZERO SUPPRESSION	0
TIME CONSTANT	6
MEASURED CHART DIVISIONS	8.25

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