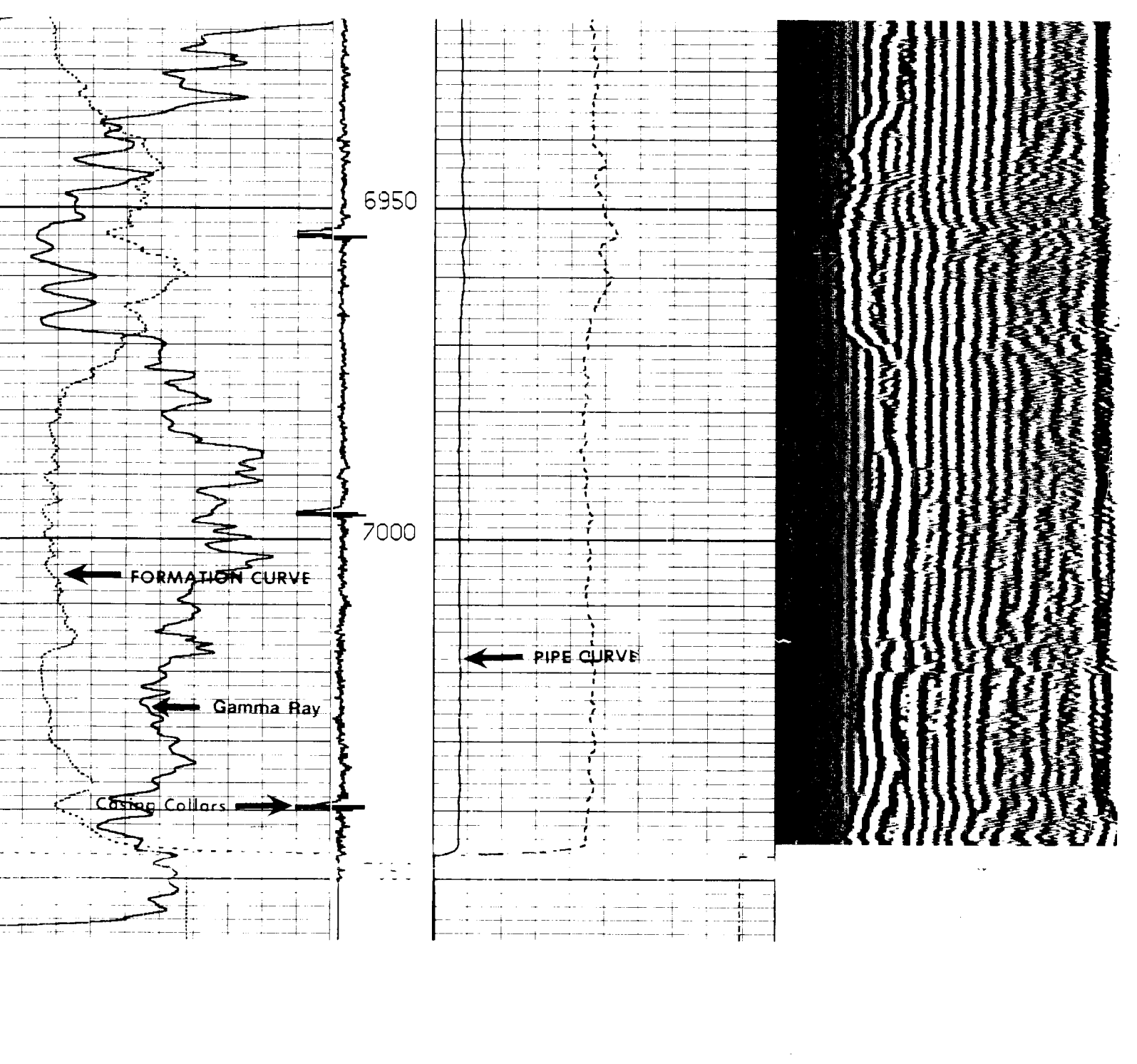
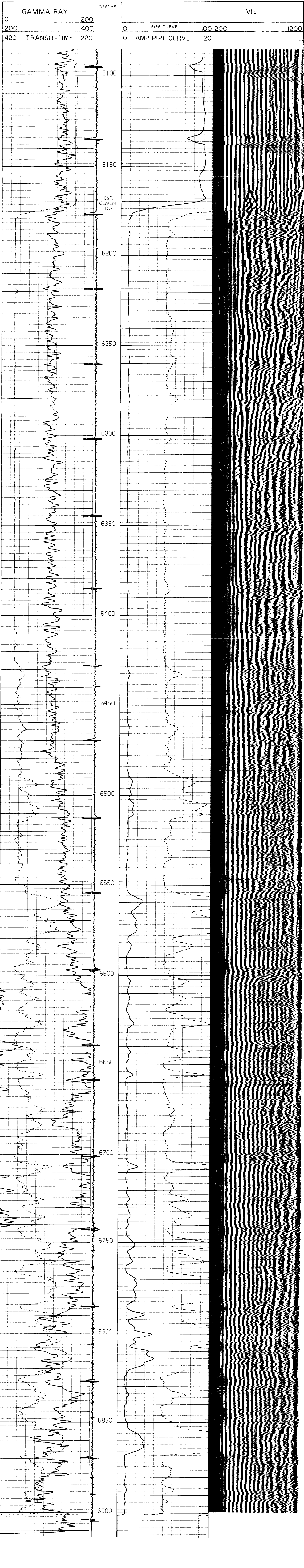


GREAT GUNS

Sonic Cement  
Bond Log

PLUG NO.	COMPANY	LYCO ENERGY CORPORATION				
WELL	WILLIAMSON NO. 44-12					
FIELD	WATTENBERG					
COUNTY	WELD	STATE	COLORADO			
Location	520 FSL 8 540 FEL	One Service				
Sec	12	Top	6N	Age	65W	PERFORATE
GROUND LEVEL	13	Elev	4692	Elev	K 8	4705
Permanent Datum	K B <sub>2</sub>	Log Measured From	K B <sub>2</sub>	DF		
Drilling Measured From	K B	HI Above Perm Datum		CL	4692	
Run No	ONE	DATE	27, 1988	1230		
Date & Time Survey	SEPT 25, 1988	TYPE	CEMENTING	PRODUCTION		
Date & Time Cementing	7137	Depth	7060	to	6086	
Type Cementing Operation	7060	to	6086	to		
Depth Driller	7060	to	6086	to		
Logged Interval	7060	to	6086	to		
Casing Driller	7060	to	6086	to		
Float (Collar - D V Tool	7060	to	6086	to		
Squeeze Depth	200 SKS	CLASS	6			
Amount & Type Cement	18% SALT	34% SILICA				
Type Fluid in Hole	KCL WATER (ACETIC ACID ON BOTTOM)					
Fluid level						
Salinity (ppm Cl)						
Weight (lb/gal) Vis						
Approx logged Casing Top	6176					
Calculated cement lap						
Max Hole Temperature						
Tool No Recorded	68182	5 VDL				
Equipment Location	3 PIPE	1 BRIGHTON				
Recorded by	DE LINES					
Witnessed by	D. HAMMOND					

BORE HOLE RECORD				CASING RECORD			
Bit Size	From	To	Log Size	Wt	From	To	Centralized Interval
12 1/4	0	30	8 5/8	24.0	0	300	Scratched Interval
7 7/8	0	7137	4 1/2	11.6	0	7137	Open Perforations



REPEAT SECTION

