Schlumberger

CEMENT BOND LOG

County	WELD
Field	WATTENBERG
Location	860' FNL
Well	HSR-ELLIOT FARMS #2-18A
Company	H S RESOURCES, INC.

COMPANY H S RESOURCES, INC.

WELL HSR-ELLIOT FARMS #2-18A

FIELD WATTENBERG

COUNTY WELD **STATE** COLORADO

Location 860' FNL
1880' FEL

Other Services: PERFORATE

API Serial No.	Sect.	Twp.	Range
05-123-19375	18	3N	67W

Permanent Datum	G.L.	Elev. 4841'		Elev.K.B. 4852'
Log Measured From	K.B.	11'	above Perm. Datum	D.F. - - -
Drilling Measured From	K.B.			G.L. 4841'

Date	10-MAY-97	Casing Fluid	WATER	
Run No.	ONE	Fluid Level	SURFACE	
Depth-Driller	7325'	Max. Rec. Temp.	N IR	
Depth-Logger	7256'	Est. Cement Top	6430'	
Btm. Log Interval	7252'	Unit / District	105	FT.MORGAN
Top Log Interval	6300'	Recorded By	DANIELS	
Open Hole Size	7 7/8	Witnessed By	Fred Clausen	

CASING REC.	Size	Wt/Ft	Grade	Type Joint	Top	Bottom
Surface String	8 5/8				SURFACE	603'
Prot. String						
Prod. String	4 1/2					
Liner						

PRIMARY CEMENTING DATA

STRING	Surface	Protection	Production	Liner
Vol. of Cement				
Type of Cement				
Additive				

PERFORATING DATA

Perf Interval	7166'-7176'			
Gun Type	3 3/8			
Charge Type	HJII			
Shot Density	4 SPF			

REMARKS

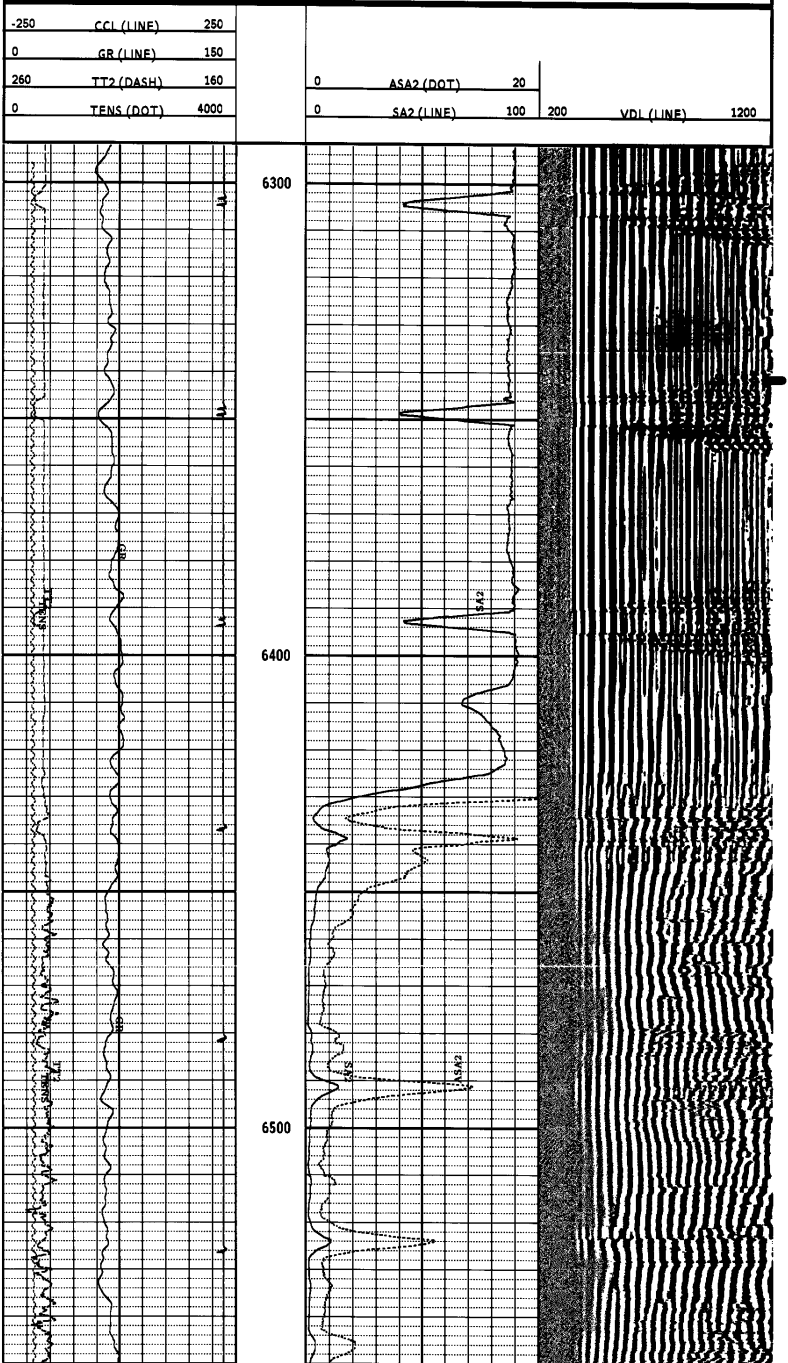
DEPTH REF SWS FMS LOG DATED 6-MAY-97

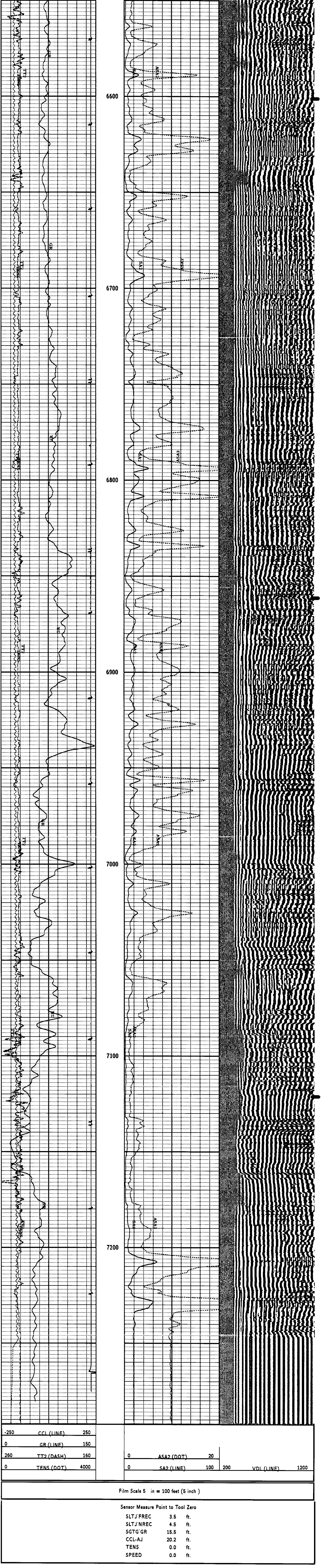
CREW: POGORELZ

Software Version UX126
Logging Pass Start Depth 7295.5 ft.
Logging Pass Stop Depth 6295.8 ft.

Pass No. 2
Job Name HSRELLIO

SCALE CHANGE REPORT
NO SCALE CHANGES THIS FILE





Film Scale 5 in = 100 feet (5 inch)

Sensor Measure Point to Tool Zero

SLTJ'FREC	3.5	ft.
SLTJ'NREC	4.5	ft.
SGTG'GR	15.5	ft.
CCL-AJ	20.2	ft.
TENS	0.0	ft.
SPEED	0.0	ft.