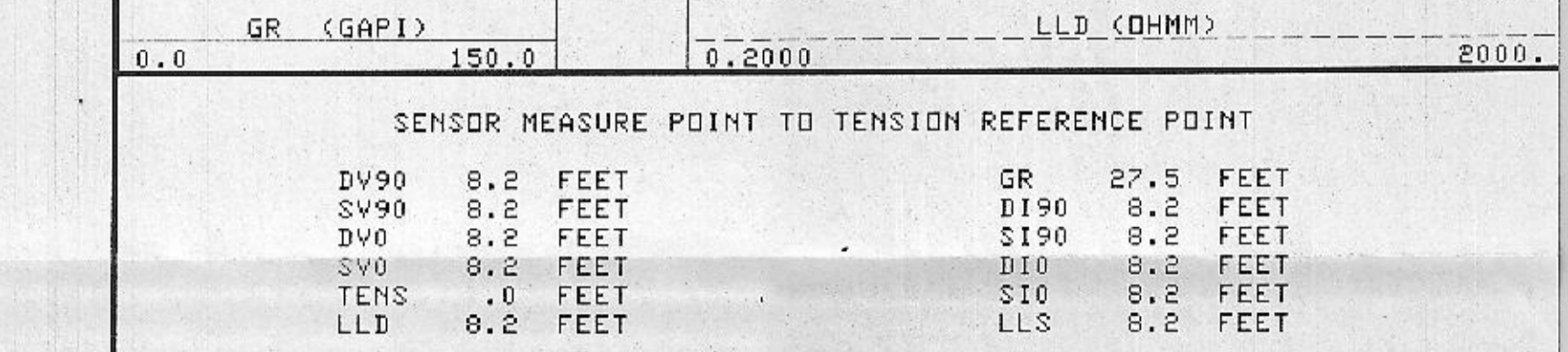
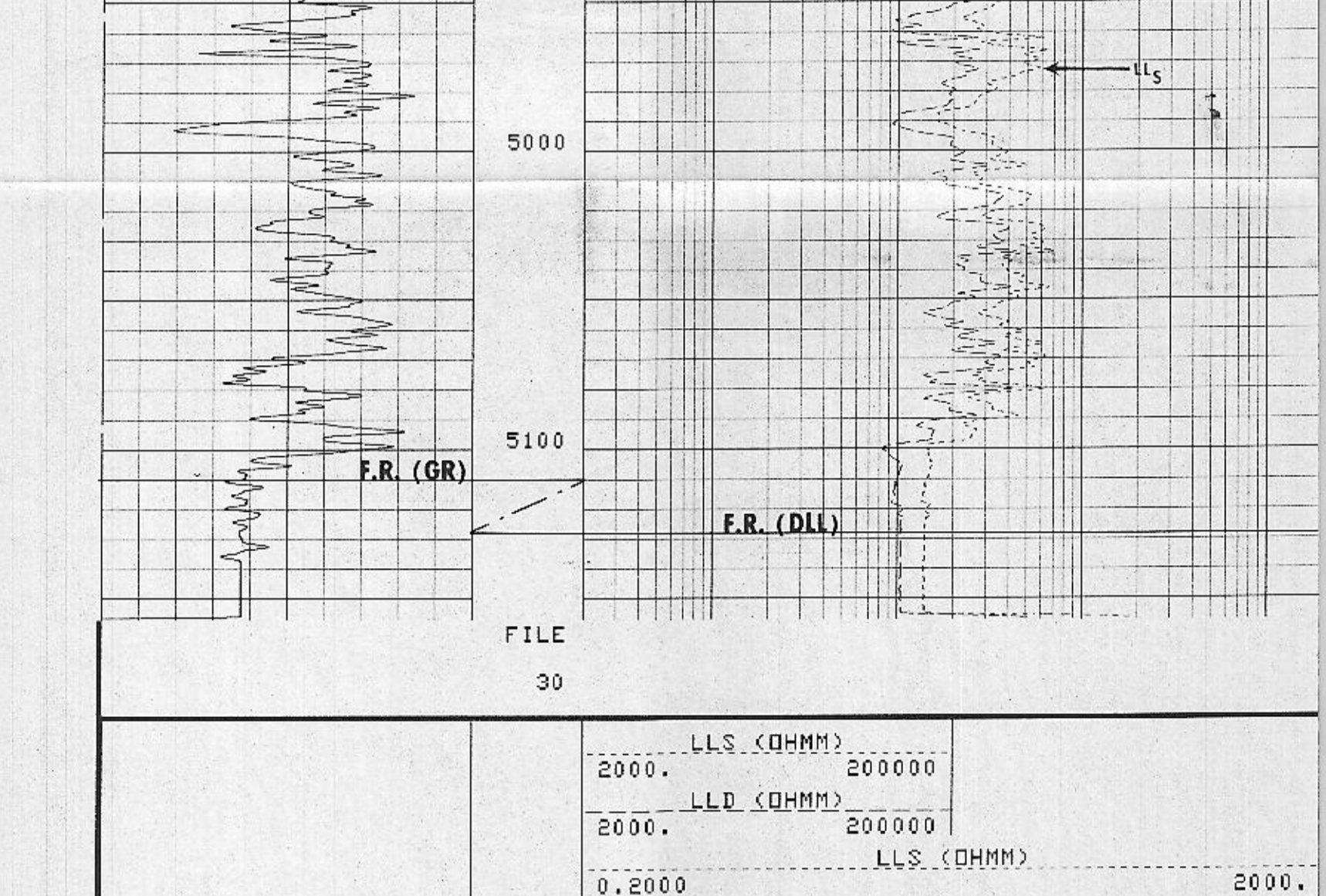


WELL: BACA 20 - REDRILL-1
COMPANY: UNION GEOTHERMAL COMPANY OF NEW MEXICO
FIELD: REDONDO CREEK
COUNTY: SANDOVAL STATE NEW MEXICO
DATE: NOV 16 1981
LOGGERS: K.B. BACON, K.L. BACON, G.L. 9085
DRILLING MEASURED FROM: K.B.A.
PERMANENT DATUM: G.L.S. Elev: 9065
DRILLING MEASURED FROM: K.B.A. Elev: 9088
DRILLING MEASURED FROM: G.L. 9085

Run No.	FOUR	Service Order No.	227846
Fluid Level	FULL	Salinity, PPM CL	
EQUIPMENT DATA			
Panel	921	Cartridge	
Cartridge		Sonde	
Lower Electrode		Max. Depth (DRE)	1189
Tape Recorder (TR)	2785	Pressure Wheel (CPW)	
Depth Encoder (DRE)		Cartridges: Enter Springs	Type CME-2
		No.	
		Standoffs, In-line or None	CENTRALIZED
		Scale, Inches	
CALIBRATION DATA			
GR	BKG. CPS	SEE CAL	
	Source CPS	FILM	
LOGGING DATA			
GR	Sensitivity	SEE CAL	
	Scale - 100 Div.	FILM	
	T.C. - sec		
SPEED FPM			
BOTTOM HOLE TEMPERATURE			
Time Entering Hole	1000		
Time Bottom Reached	1030		
Time Last Off Bottom	1045		
Time Out of Hole	1115		
Distance TD to Therm.	120		
Thermometer #1	188	F	F
Thermometer #2	190	F	F
Thermometer #3		F	F

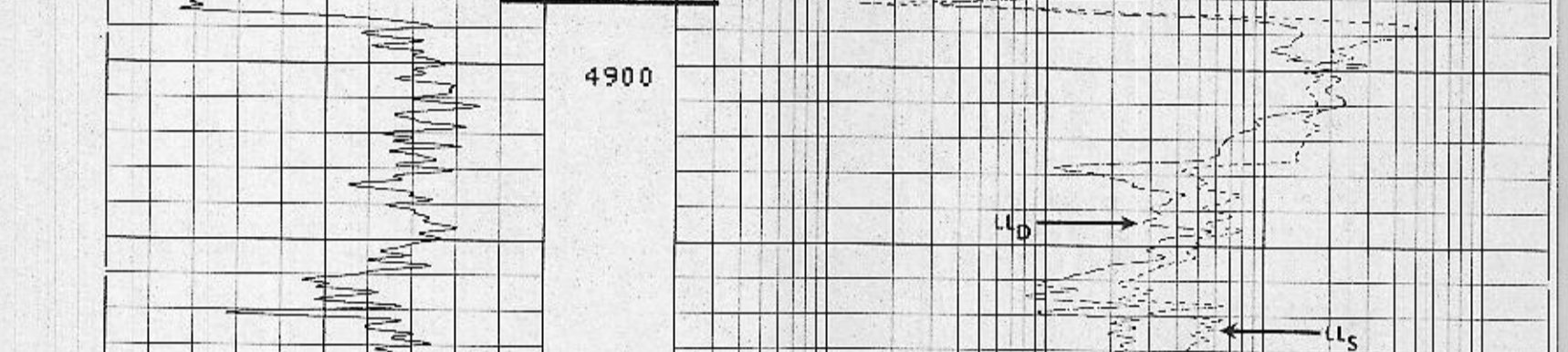
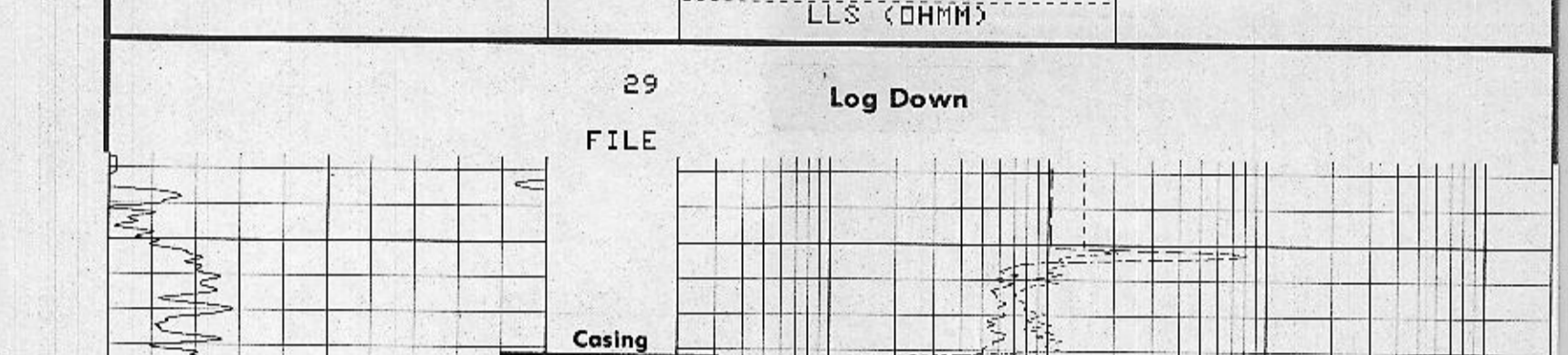
REMARKS: TEMPERATURE 188 AND 190



NAME	VALUE	UNIT	NAME	VALUE	UNIT
BHS	OPEN		BS	6.125	IN
DD	0.0				

NAME	VALUE	UNIT	NAME	VALUE	UNIT
DD	0.0		BHS	OPEN	
BS	6.125	IN			

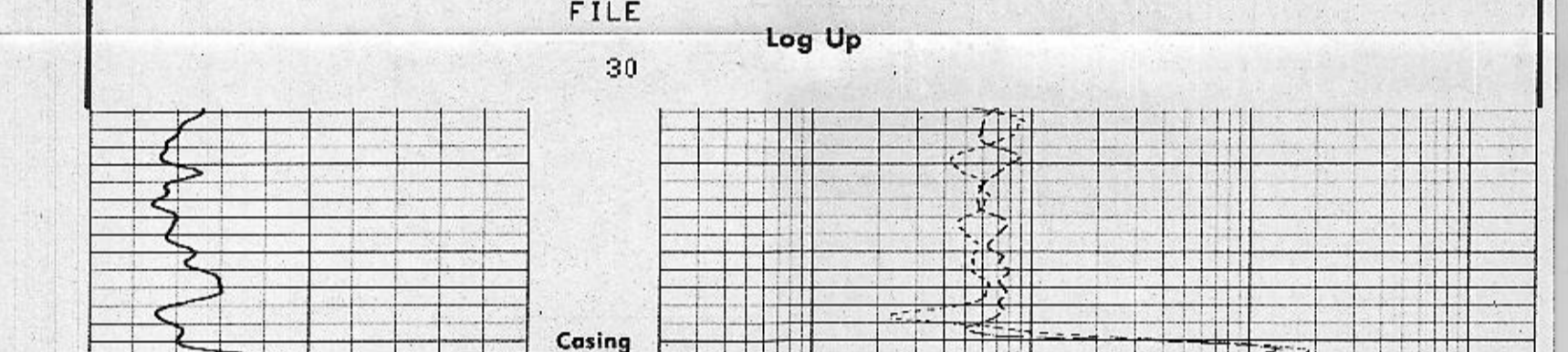
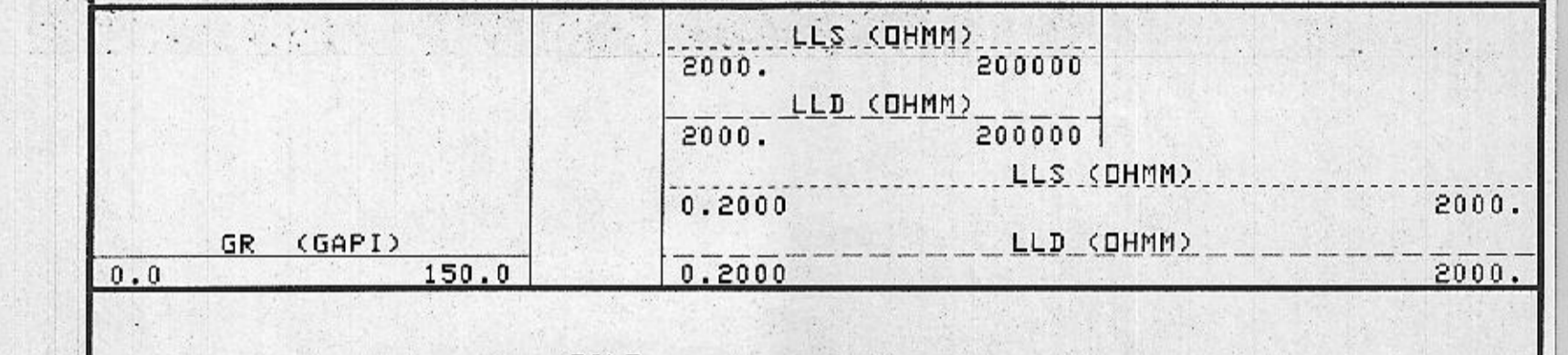
NAME	VALUE	UNIT	NAME	VALUE	UNIT
LLD	8.2	FEET	LLS	8.2	FEET
TENS	.0	FEET	S10	8.2	FEET
SV0	8.2	FEET	D10	8.2	FEET
DV0	8.2	FEET	S190	8.2	FEET
SV90	8.2	FEET	D190	8.2	FEET
DV90	8.2	FEET	GR	27.5	FEET



NAME	VALUE	UNIT	NAME	VALUE	UNIT
BHS	OPEN		BS	6.125	IN
DD	0.0				

NAME	VALUE	UNIT	NAME	VALUE	UNIT
DD	0.0		BHS	OPEN	
BS	6.125	IN			

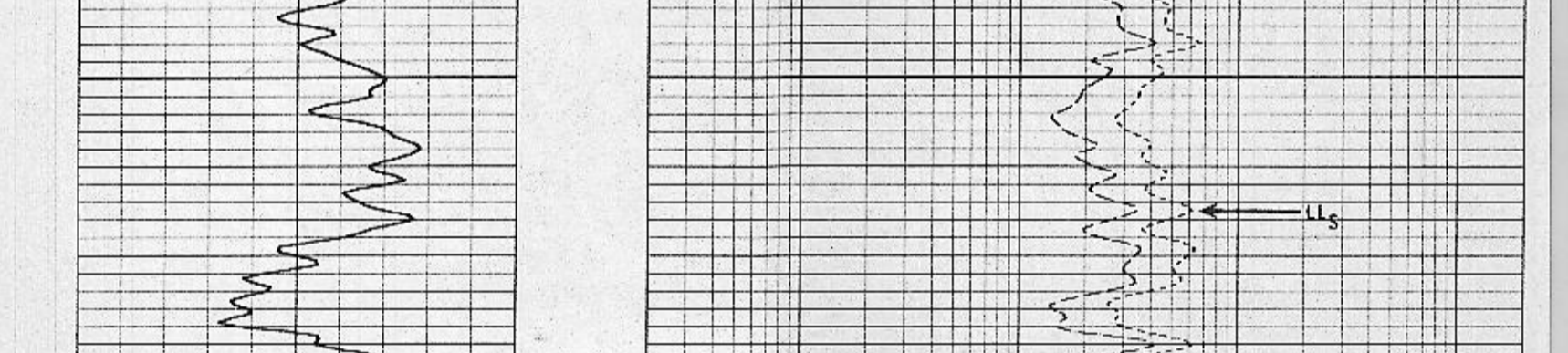
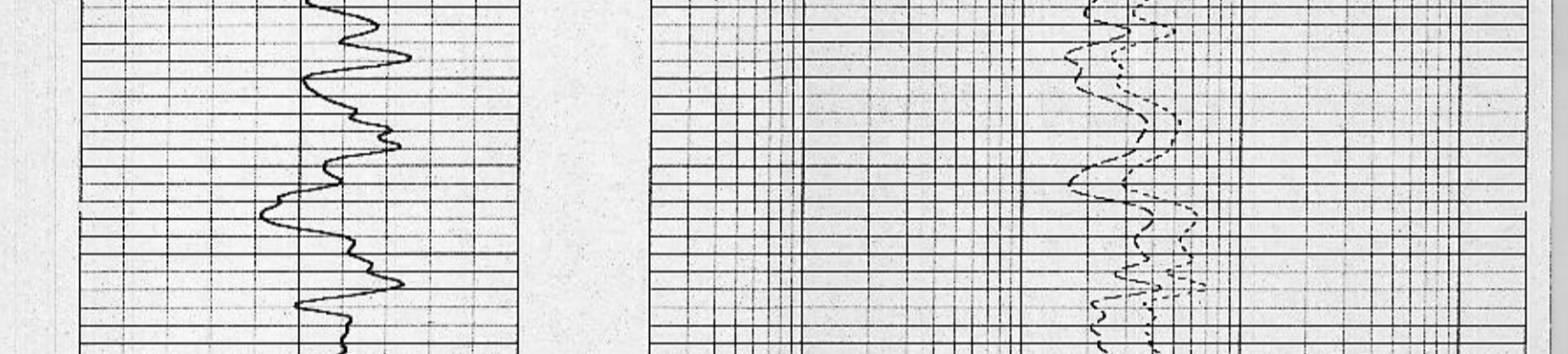
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TENS	.0	FEET	S10	8.2	FEET
SV0	8.2	FEET	D10	8.2	FEET
DV0	8.2	FEET	S190	8.2	FEET
SV90	8.2	FEET	D190	8.2	FEET
DV90	8.2	FEET	GR	27.5	FEET



NAME	VALUE	UNIT	NAME	VALUE	UNIT
BHS	OPEN		BS	6.125	IN
DD	0.0				

NAME	VALUE	UNIT	NAME	VALUE	UNIT
DD	0.0		BHS	OPEN	
BS	6.125	IN			

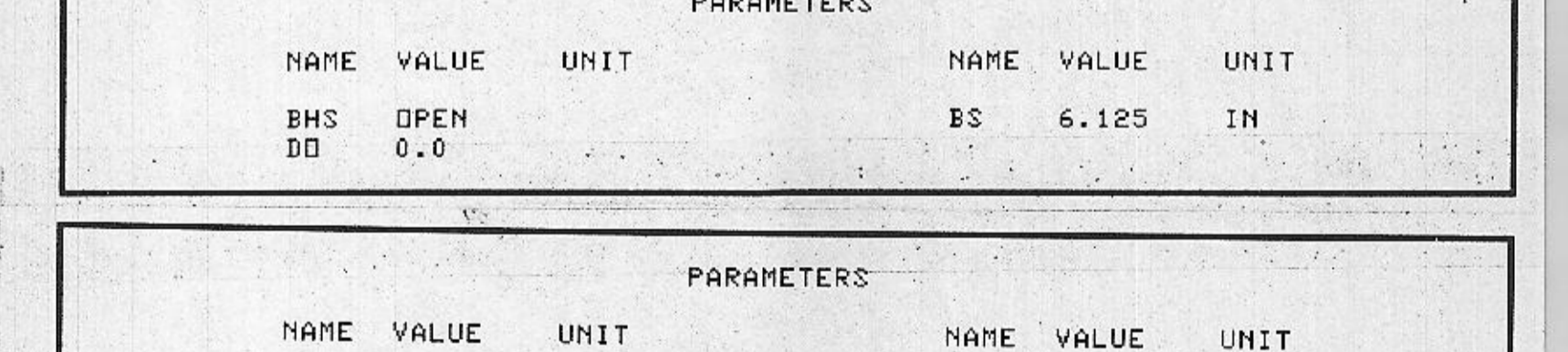
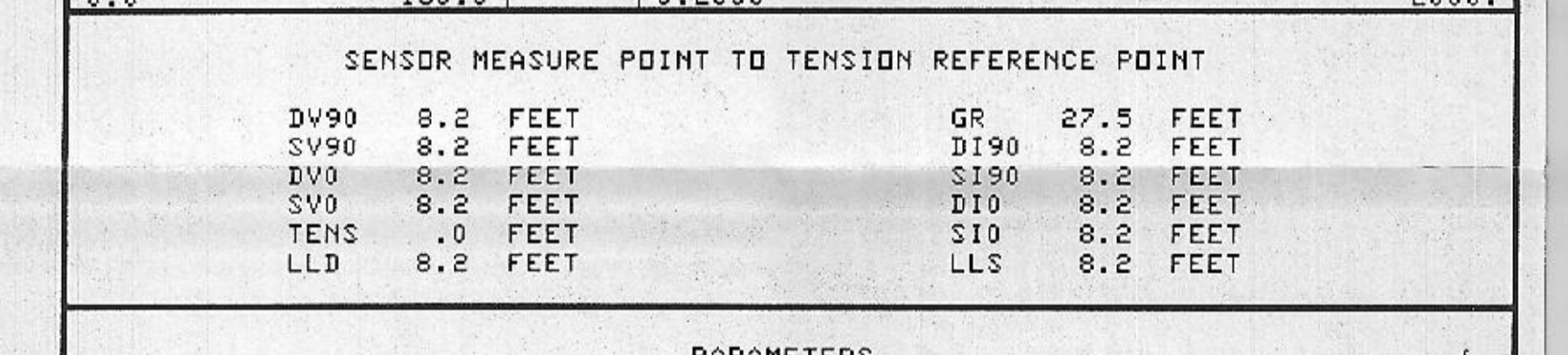
NAME	VALUE	UNIT	NAME	VALUE	UNIT
LLD	8.2	FEET	LLS	8.2	FEET
TENS	.0	FEET	S10	8.2	FEET
SV0	8.2	FEET	D10	8.2	FEET
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SV90	8.2	FEET	D190	8.2	FEET
DV90	8.2	FEET	GR	27.5	FEET



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BHS	OPEN		BS	6.125	IN
DD	0.0				

NAME	VALUE	UNIT	NAME	VALUE	UNIT
DD	0.0		BHS	OPEN	
BS	6.125	IN			

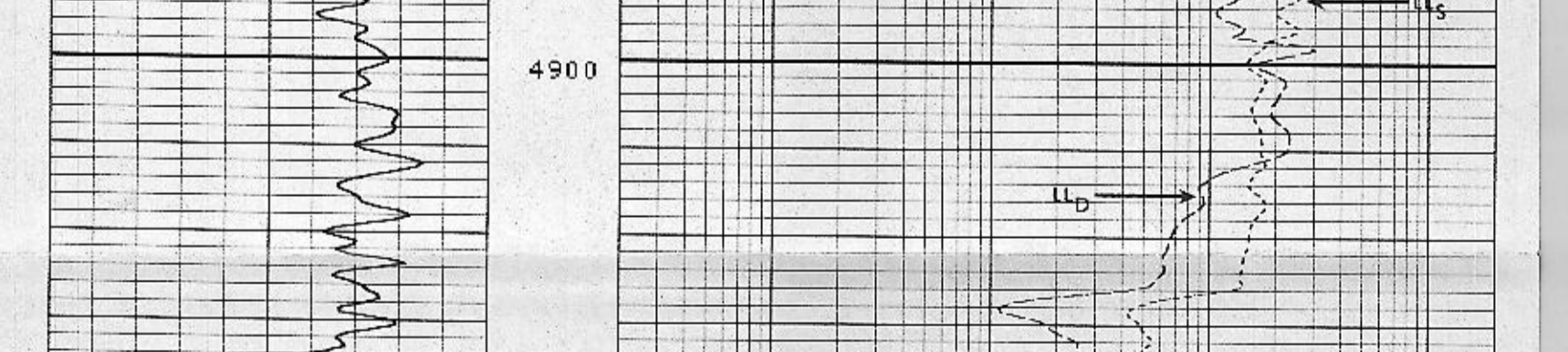
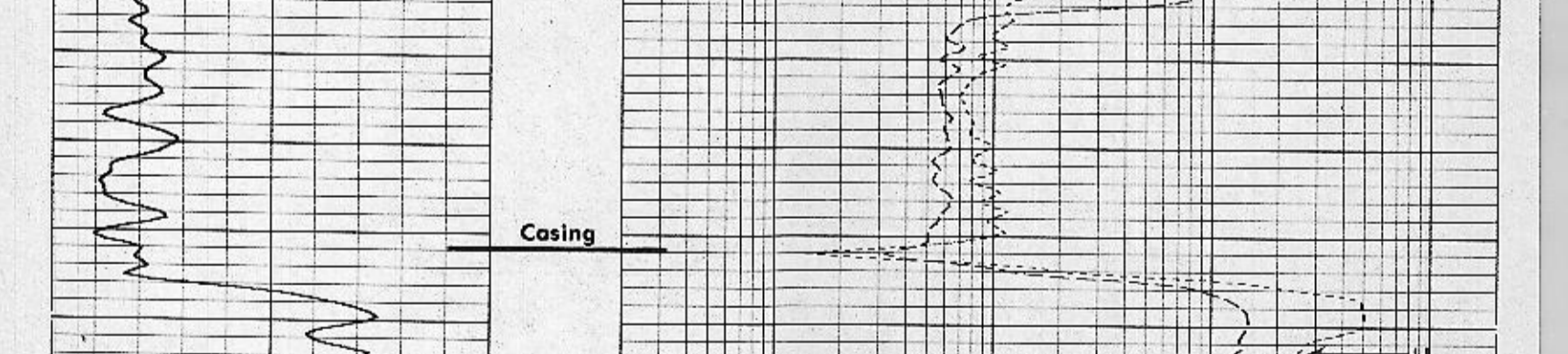
NAME	VALUE	UNIT	NAME	VALUE	UNIT
LLD	8.2	FEET	LLS	8.2	FEET
TENS	.0	FEET	S10	8.2	FEET
SV0	8.2	FEET	D10	8.2	FEET
DV0	8.2	FEET	S190	8.2	FEET
SV90	8.2	FEET	D190	8.2	FEET
DV90	8.2	FEET	GR	27.5	FEET



NAME	VALUE	UNIT	NAME	VALUE	UNIT
BHS	OPEN		BS	6.125	IN
DD	0.0				

NAME	VALUE	UNIT	NAME	VALUE	UNIT
DD	0.0		BHS	OPEN	
BS	6.125	IN			

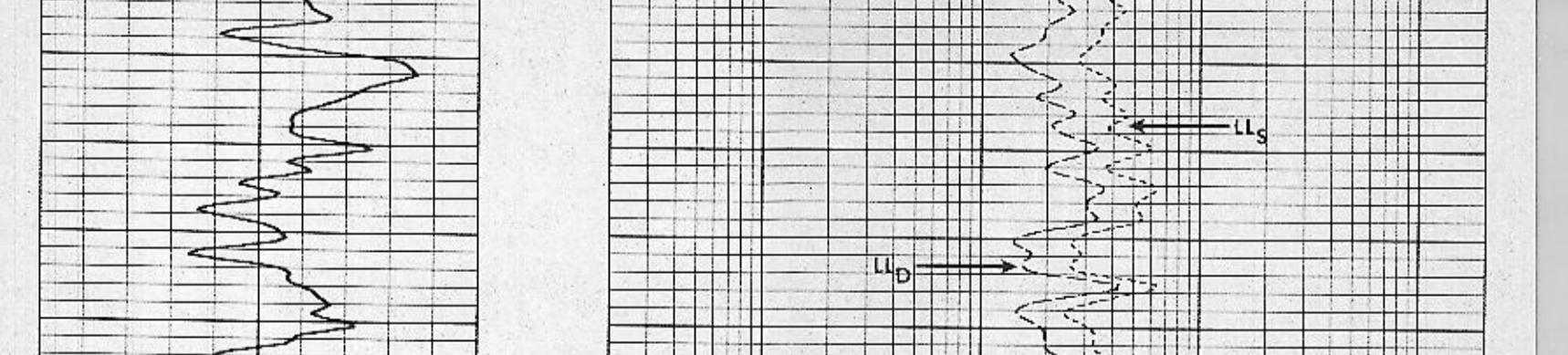
NAME	VALUE	UNIT	NAME	VALUE	UNIT
LLD	8.2	FEET	LLS	8.2	FEET
TENS	.0	FEET	S10	8.2	FEET
SV0	8.2	FEET	D10	8.2	FEET
DV0	8.2	FEET	S190	8.2	FEET
SV90	8.2	FEET	D190	8.2	FEET
DV90	8.2	FEET	GR	27.5	FEET



NAME	VALUE	UNIT	NAME	VALUE	UNIT
BHS	OPEN		BS	6.125	IN
DD	0.0				

NAME	VALUE	UNIT	NAME	VALUE	UNIT
DD	0.0		BHS	OPEN	
BS	6.125	IN			

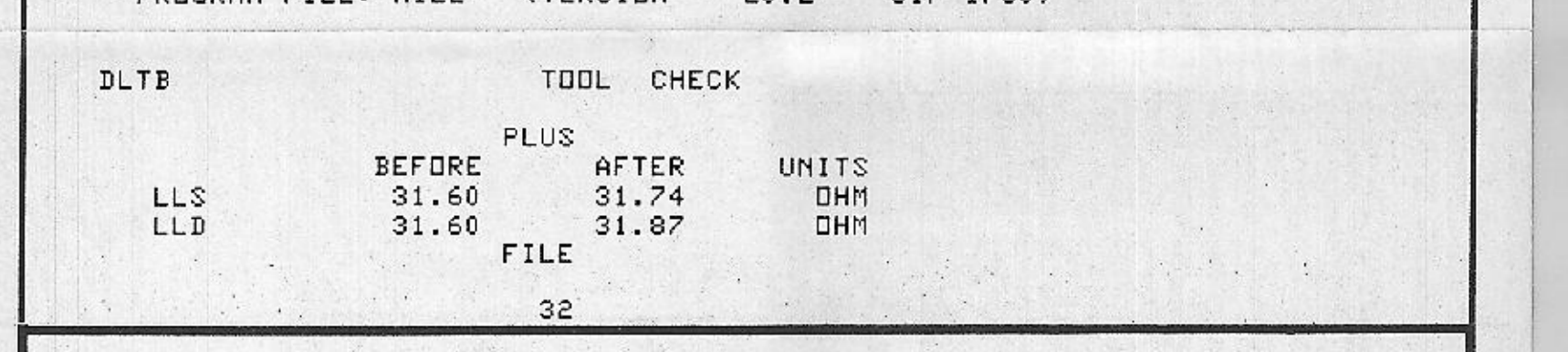
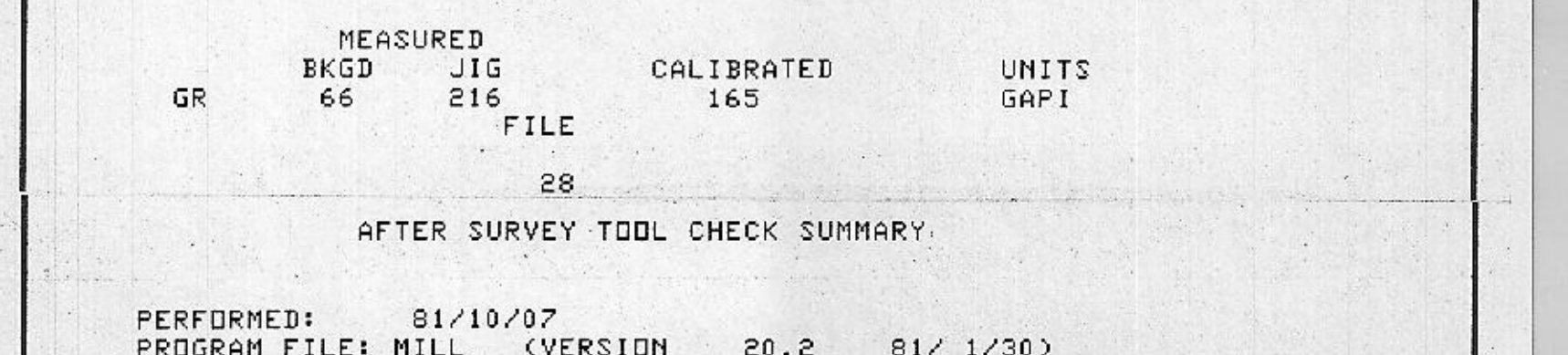
NAME	VALUE	UNIT	NAME	VALUE	UNIT
LLD	8.2	FEET	LLS	8.2	FEET
TENS	.0	FEET	S10	8.2	FEET
SV0	8.2	FEET	D10	8.2	FEET
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DV90	8.2	FEET	GR	27.5	FEET



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DD	0.0				

NAME	VALUE	UNIT	NAME	VALUE	UNIT
DD	0.0		BHS	OPEN	
BS	6.125	IN			

NAME	VALUE	UNIT	NAME	VALUE	UNIT
LLD	8.2	FEET	LLS	8.2	FEET
TENS	.0	FEET	S10	8.2	FEET
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BHS	OPEN		BS	6.125	IN
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NAME	VALUE	UNIT	NAME	VALUE	UNIT
DD	0.0		BHS	OPEN	
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NAME	VALUE	UNIT	NAME	VALUE	UNIT
LLD	8.2	FEET	LLS	8.2	FEET
TENS	.0	FEET	S10	8.2	FEET
SV0	8.2	FEET	D10	8.2	FEET
DV0	8.2	FEET	S190	8.2	FEET
SV90	8.2	FEET	D190	8.2	FEET
DV90	8.2	FEET	GR	27.5	FEET

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 81/10/07
 PROGRAM FILE: MILL (VERSION 20.2 81/1/30)

DLTB ELECTRONICS CALIBRATION SUMMARY

LLS	MEASURED	31.60	CALIBRATED	31.60	UNITS	DHM
LLD	MEASURED	22.15	CALIBRATED	31.60	UNITS	DHM

SGTE DETECTOR CALIBRATION SUMMARY

GR	MEASURED	66	EKGD	216	CALIBRATED	165	UNITS	GAPI
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AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 81/10/07
 PROGRAM FILE: MILL (VERSION 20.2 81/1/30)

DLTB TOOL CHECK

LLS	BEFORE	31.60	AFTER	31.74	UNITS	DHM
LLD	BEFORE	31.60	AFTER	31.87	UNITS	DHM

COMPANY: UNION GEOTHERMAL CO. OF NEW MEXICO
 WELL: BACA 20 - REDRILL-1
 FIELD: REDONDO CREEK
 COUNTY: SANDOVAL STATE NEW MEXICO