GL04468_7

Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COUNTY CHURCHILL
FIELD / DIXIE VALLEY
LOCATION 21-24N-36E
WELL DIXIE FEDERAL 66-21
COMPANY THERMAL POWER CO.

COMPANY THERMAL POWER COMPANY
WELL DIXIE FEDERAL 66-21
FIELD DIXIE VALLEY
COUNTY CHURCHILL **STATE** NEVADA

LOCATION N/A

API SERIAL NO. | SEC. 21 | TWP. 24N | RANGE 36E

Other Services:
FDC/CNL/GR
HDT
DI-SFL 9
IES

Permanent Datum: GL ; Elev.: 3430
Log Measured From KB 23 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 3453
D.F. 3452
G.L. 3430

Date	8-3-79			
Run No.	ONE			
Depth—Driller	4580			
Depth—Logger (Schl.)	4572			
Btm. Log Interval	4572			
Top Log Interval	2148			
Casing—Driller	$13\frac{3}{8}$" @2152	@	@	@
Casing—Logger	2148			
Bit Size	$12\frac{1}{4}$"			
Type Fluid in Hole	LIGNOSULFONATE			
Dens. | Visc.	10.10 | 50	|	|	|
pH | Fluid Loss	9.8 | 1.6 ml	| ml	| ml	| ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	1.09 @ 114°F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.26 @ 80 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.18 @ 80 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M	|	|	|
Rm @ BHT	0.58 @225 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	1930			
TIME Logger on Bottom	0215			
Max. Rec. Temp.	225 °F	°F	°F	°F
Equip. | Location	8126 | SAC	|	|	|
Recorded By	FINNELL			
Witnessed By Mr.	DE LEON			

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

Run No.	ONE			
Service Order No.	82945			
Fluid Level	FULL			

EQUIPMENT DATA

Sonic Panel No.	443			
Sonic Cart No.	FA-1061			
Sonic Sonde No.	RA-2251			
Mem. Panel No.	CSU			
G.R. Cart. No.	--			
G.R. Panel No.	--			
Caliper No.	--			
TTR No.	--			
Centralizers: No.	--			
Type	CMEZ			
Standoffs: No.	--			
Type	--			
Time Const.-Sec.	--			
Speed - F.P.M.	--			

CALIBRATION DATA

GR	BKG. CPS	--			
	Source CPS	--			
	Tc Sec	--			

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

LOGGING DATA

Porosity Selectors				Depth	
Δt_m	Δt_f	Cp	∅ Scale	From	To
55.6	189	--	--	2154	4572

REMARKS

Velocity (ft/sec) = $\dfrac{1{,}000{,}000}{\text{Interval Transit Time (microseconds per foot)}}$

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

CALIPER DIAM. IN INCHES
6" 16"

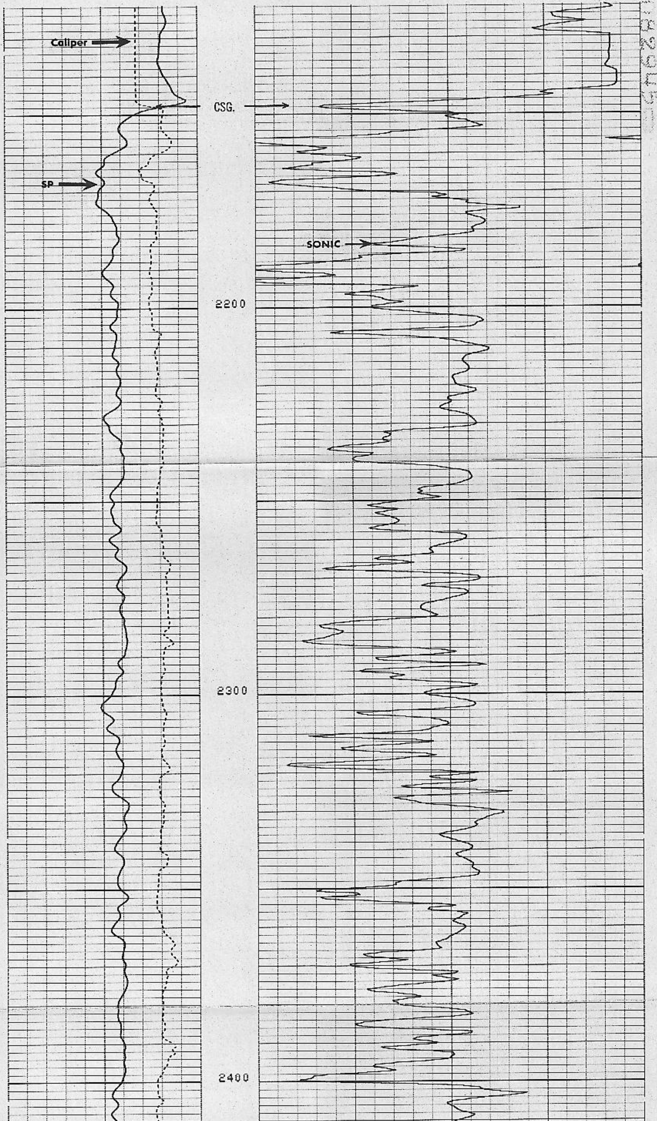
DEPTH

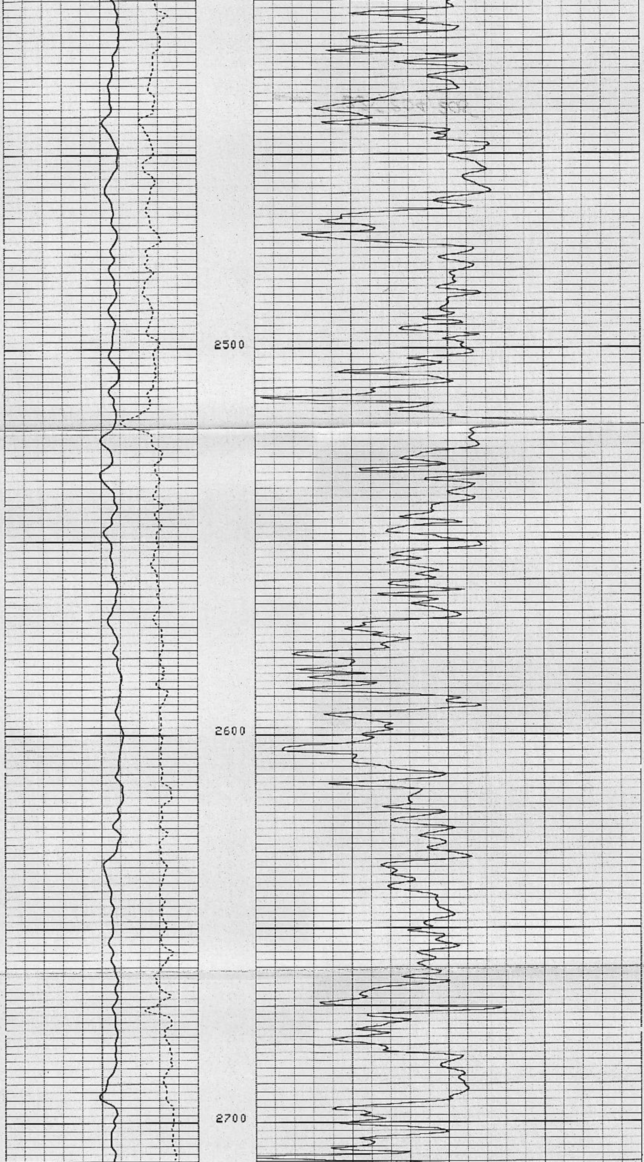
INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T__ R₁ 3' R₂ 5'
150 100 50

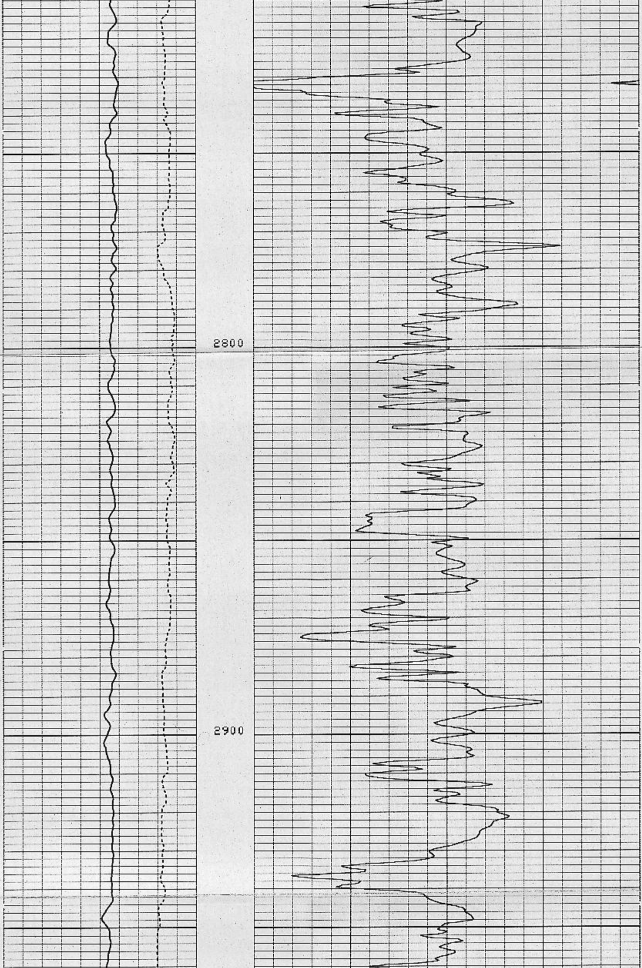
SPONTANEOUS-POTENTIAL
— 10 + MILLIVOLTS

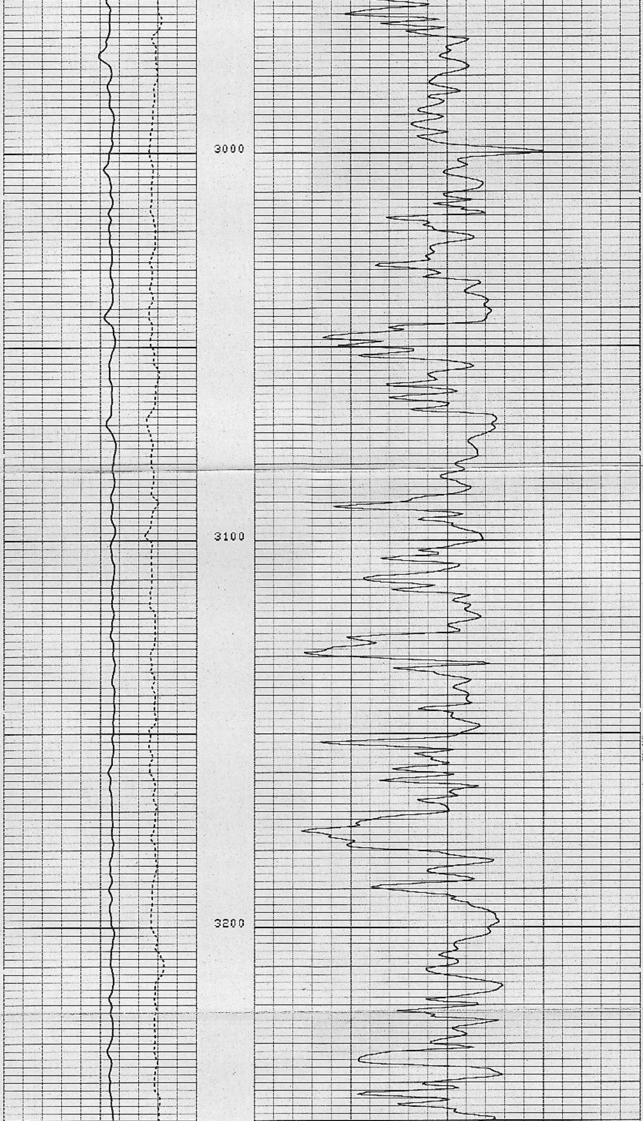
11-07-79

21
21









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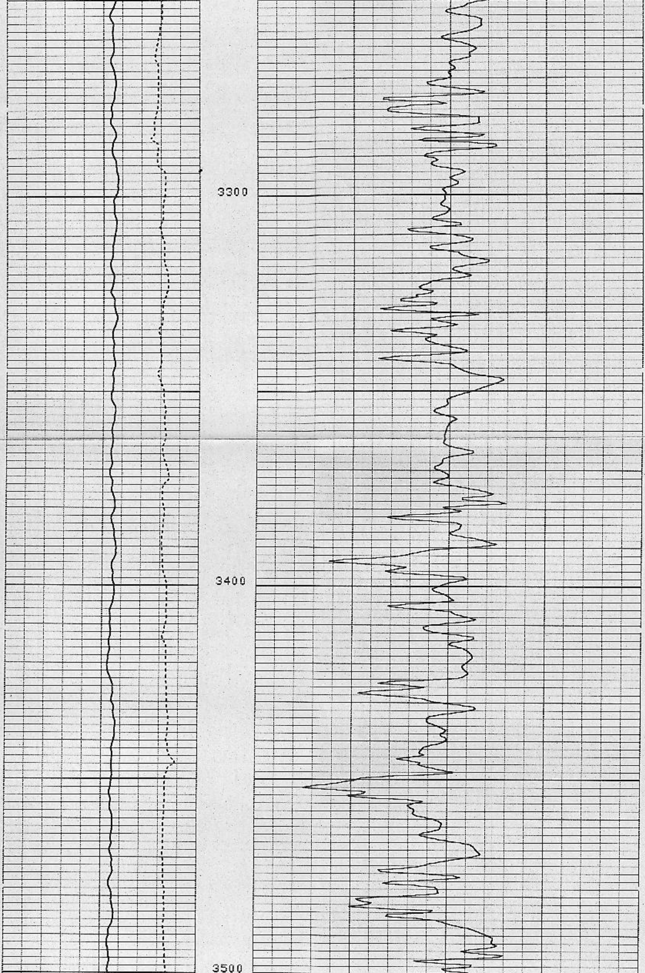

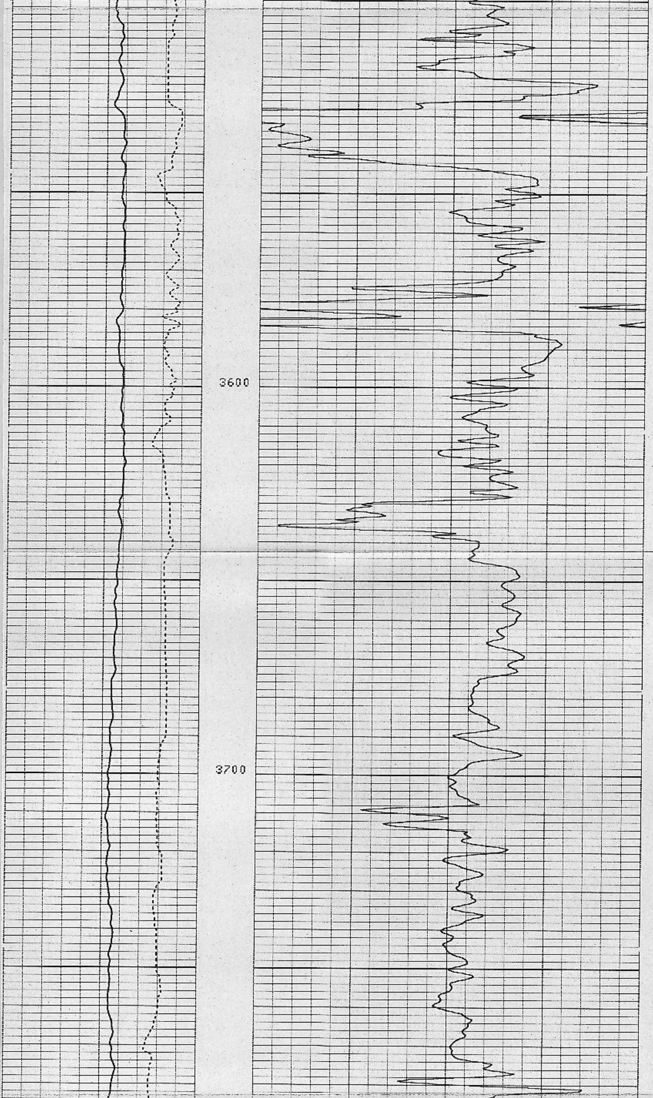

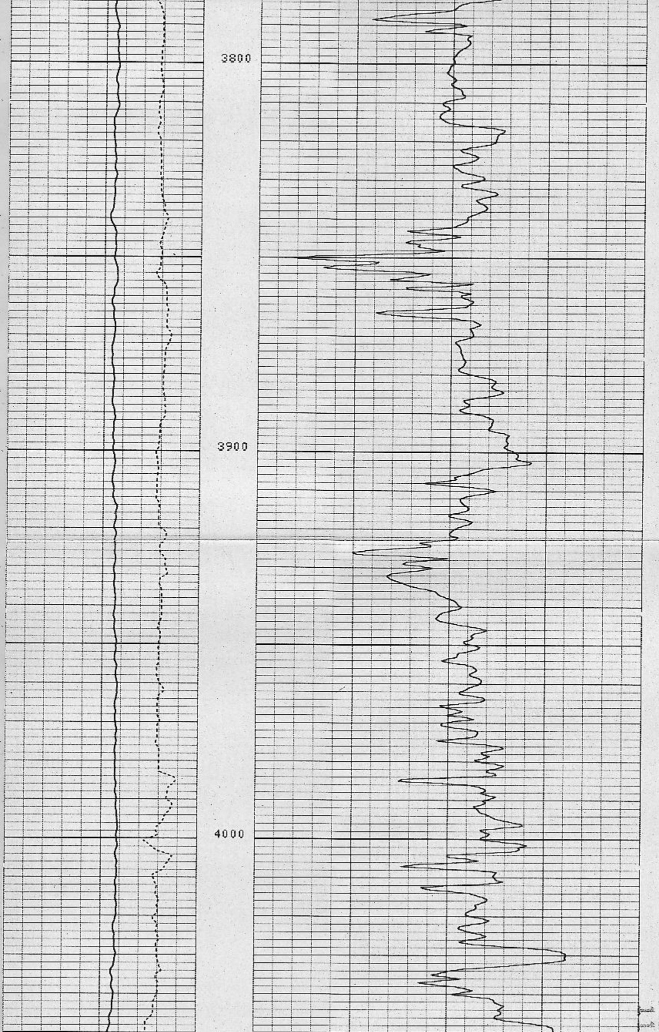

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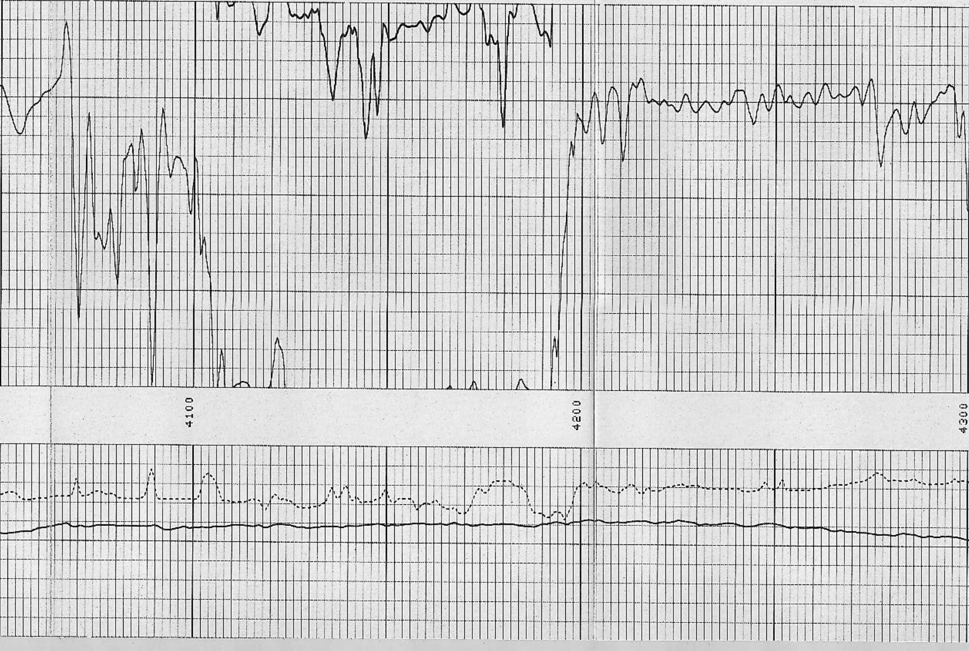

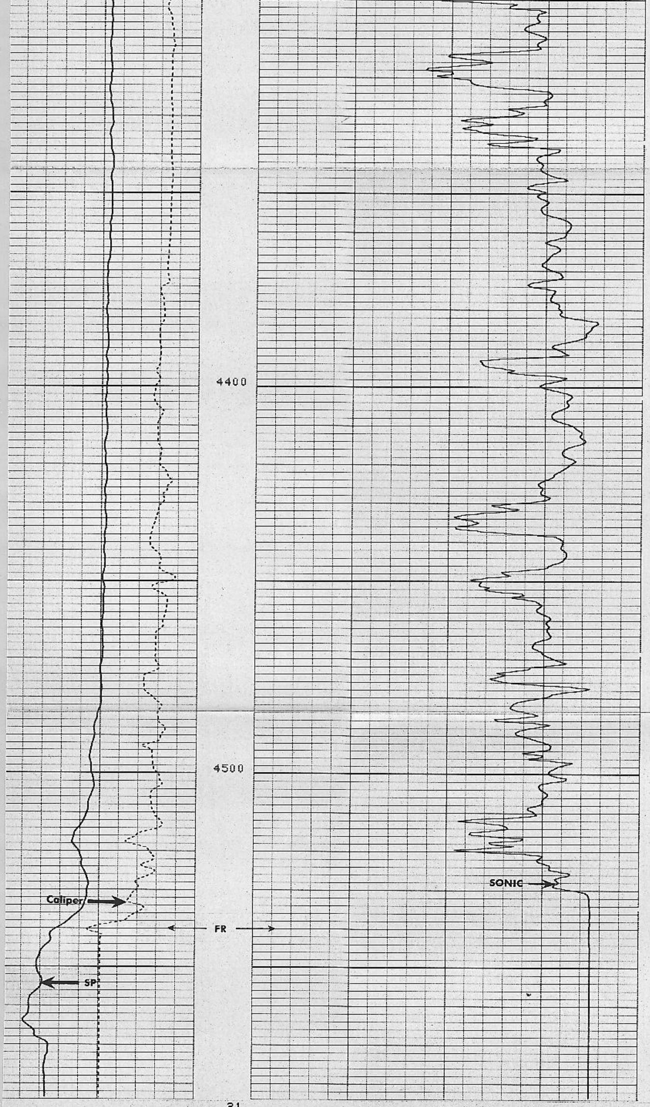

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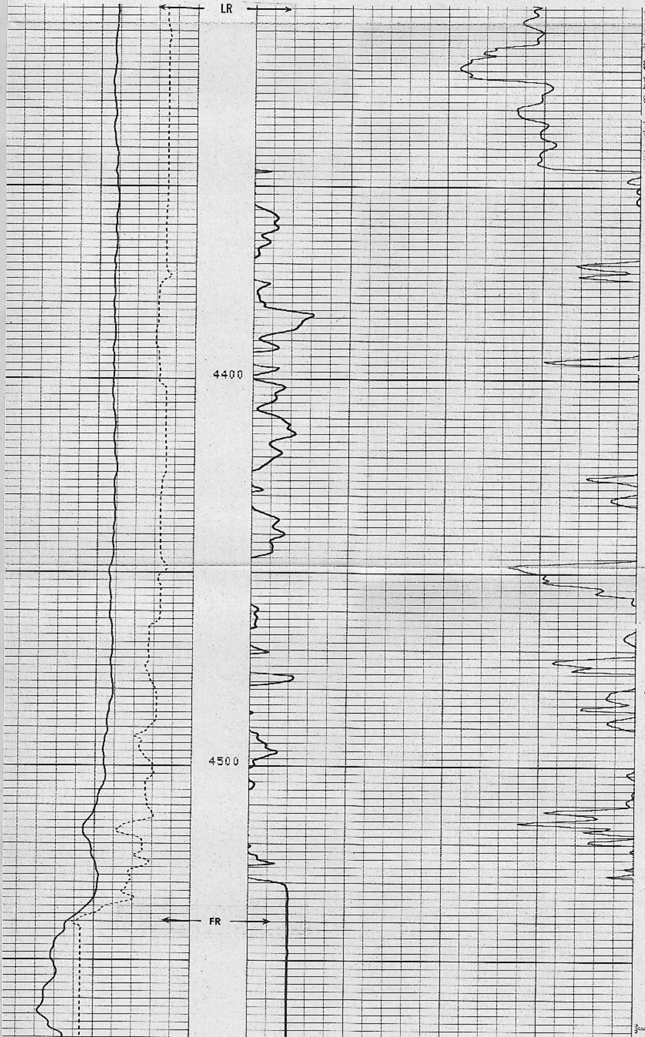
REPEAT SECTION

19
19



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SPONTANEOUS-POTENTIAL

— 10 + MILLIVOLTS

CALIPER DIAM. IN INCHES

6" 16"

DEPTH

INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T3'R_1 5'R_2

150 100 50

COMPANY THERMAL POWER COMPANY

WELL DIXIE FEDERAL 66-21

FIELD DIXIE VALLEY

COUNTY CHURCHILL STATE NEVADA

SCHL. FR 4572

SCHL. TD 4572

DRLR TD 4580

Elev: KB 3453

DF 3452

GL 3430