

Schlumberger
BOREHOLE COMPENSATED SONIC LOG

COUNTY: CHURCHILL
 FIELD: DIXIE VALLEY
 LOCATION: 21-24N-36E
 WELL: DIXIE FEDERAL 66-21
 COMPANY: THERMAL POWER CO.
 COUNTY: CHURCHILL STATE: NEVADA
 Well: DIXIE FEDERAL 66-21
 LOCATION: N/A
 DATE: 8-3-79
 Log Measured From: KB
 Drilling Measured From: KB
 Permanent Datum: GL
 Log Measured From: KB
 Drilling Measured From: KB
 Date: 8-3-79
 Core No.: ONE
 Depth-Driller: 4580
 Depth-Driller (S&H): 4572
 Run Log Interval: 2' (10)
 Casing-Driller: 12 3/4 @ 152
 Casing-Logger: 21 1/4 @ 152
 Bit Size: 12 1/4
 Type Fluid in Hole: LIGNOSULFONATE
 pH: 9.8
 Fluid Loss: 1.6 ml
 Source of Sample: FLOU LINE
 Km @ Meas. Temp: 1.09 @ 114F
 Km @ Meas. Temp: 1.26 @ 80.7F
 Km @ Meas. Temp: 2.18 @ 80.7F
 Source Km: 1.09 @ 225F
 Km @ BHT: 1.09 @ 225F
 Time Const.-Sec: 0.215
 Speed - F.P.M.: 8126
 Equip. Location: ETINNET
 Recorded By: DELEON
 Witnessed By: DELEON

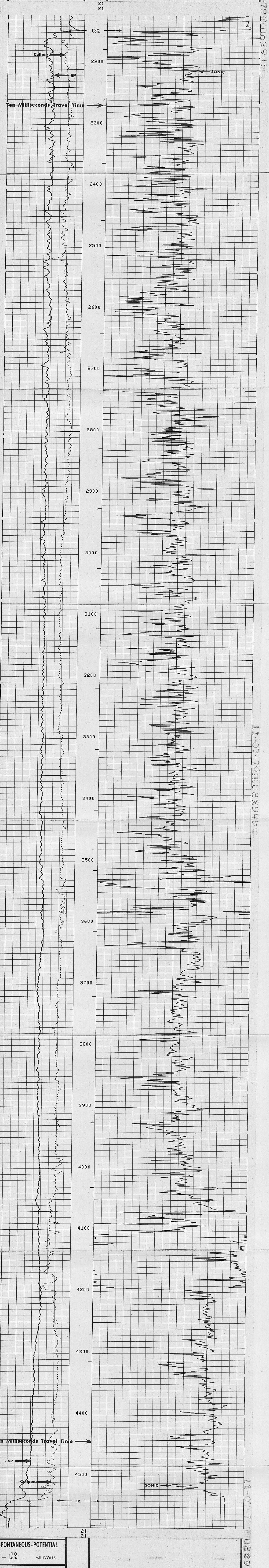
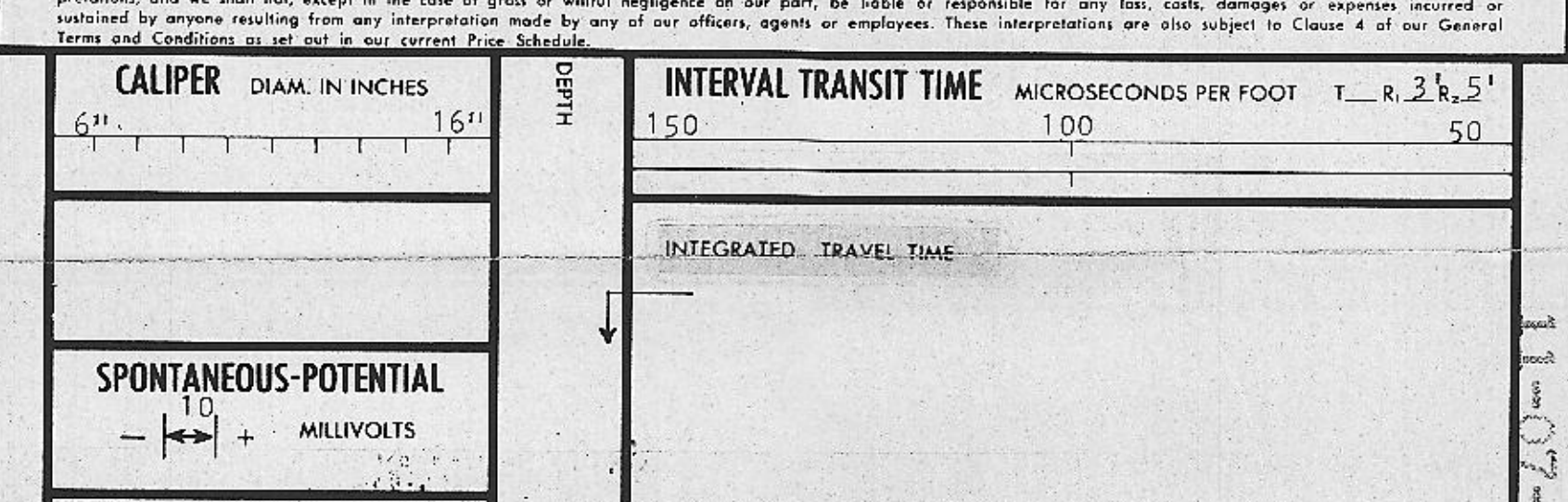
The well name, location and borehole reference data were furnished by the customer.

Run No.	ONE	SCALE CHANGES	Type Log	Depth	Scale Up Hole	Scale Down Hole
Service Order No.	82945					
Fluid Level	FULL					

EQUIPMENT DATA		LOGGING DATA	
Sonic Panel No.	443	Porosity Selectors	Depth
Sonic Cart No.	FA-1061	$\Delta^1 m$ $\Delta^1 f$ C_p	From To
Sonic Sonde No.	RA-2251	$\Delta^1 m$ $\Delta^1 f$ C_p	2154 4572
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	
BKG. CPS	--
GR	--
Source CPS	--
Tc Sec	--

Velocity (ft/sec) = 1,000,000
 Interval Transit Time (microseconds per foot)



COMPANY	THERMAL POWER COMPANY	SCHL. FR	4572
WELL	DIXIE FEDERAL 66-21	SCHL. TD	4572
FIELD	DIXIE VALLEY	DRLR. TD	4580
COUNTY	CHURCHILL STATE NEVADA	Elev.	KB 3453
		DF	3452
		CL	3430