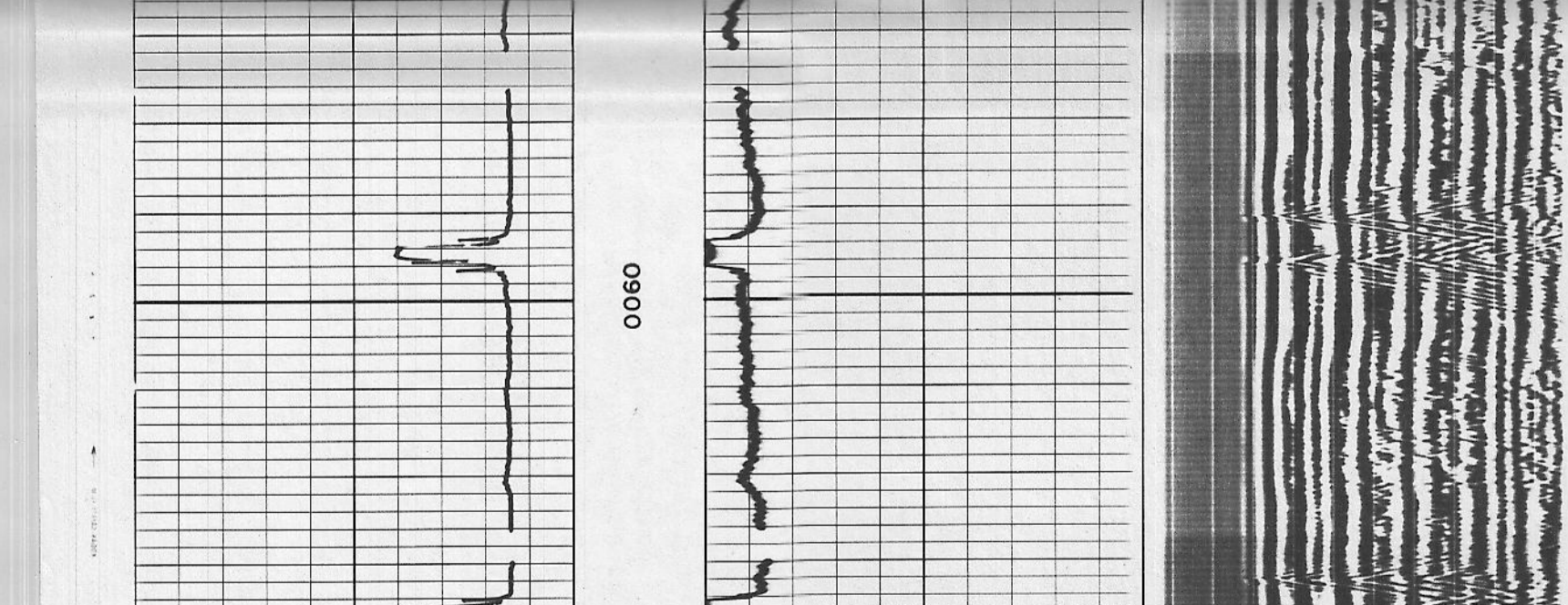
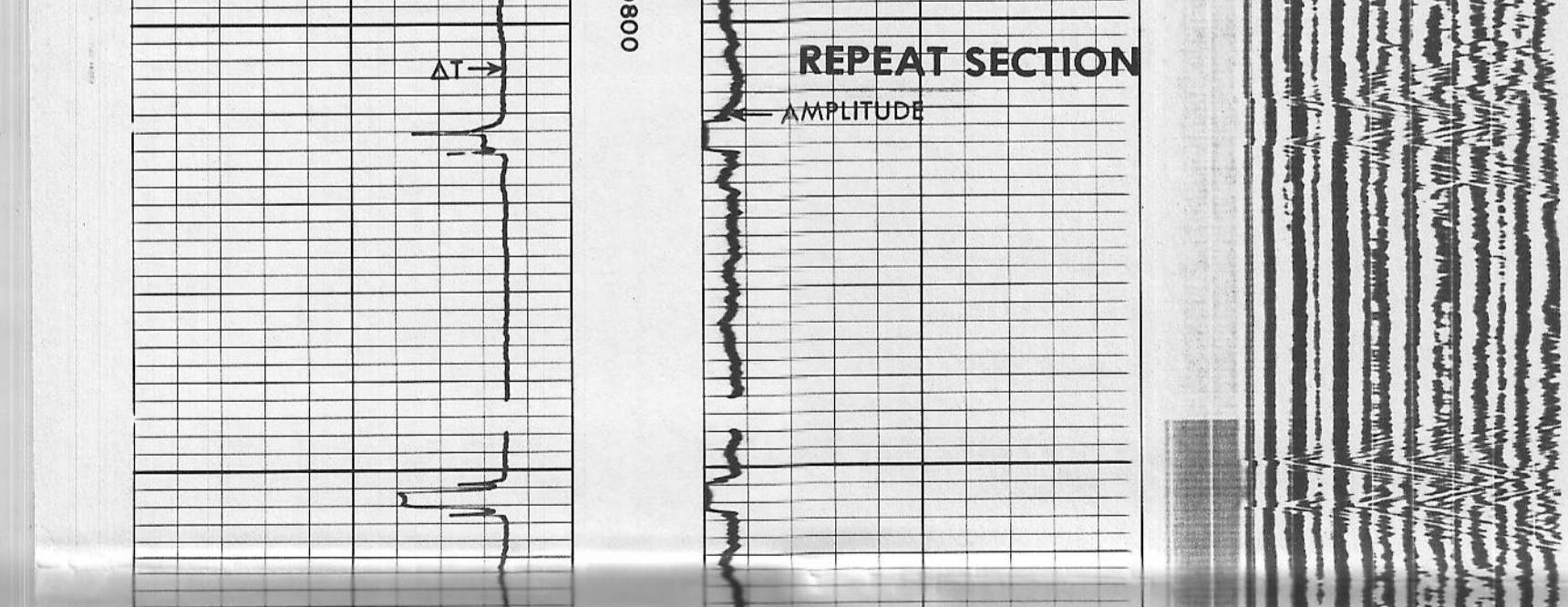
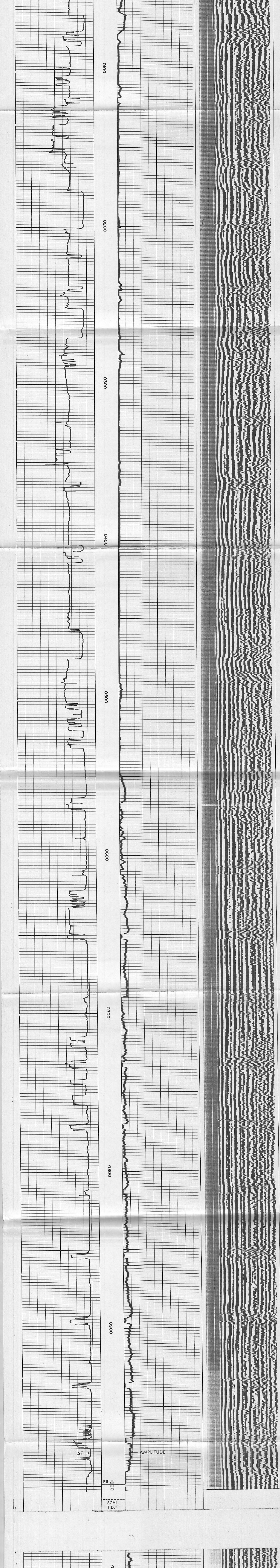


Schlumberger CEMENT BOND LOG VDL _____	
COUNTY: BEAVER FIELD: WILDCAT LOCATION: WILDCAT UTAH STATE NO. 72-16 COMPANY: THERMAL POWER CO.	WELL: UTAH STATE NO. 72-16 COMPANY: THERMAL POWER CO.
COUNTY: BEAVER STATE: UTAH LOCATION: API Serial No. 9901, FNL 9901, Twp. 21S, Rge. 5W Sec. 16 Perm. Drilling: GL, KB, 21.7ft. Above Perm. Datum Log Measured From: KB Drilling Measured From: KB	Other Services: HDT Elev.: K.B.N.A., D.F., G.L.N.A. Elev. NA
Date: 12-20-76 Bur. No.: T10 Depth - Driller: 1245 Depth - Logger: 1012 Form Log Interval: 999 Open Hole Size: 1 7/8 - 1 7/8 Casing Rec. Size: 13-3/8 Prod. String: 9-5/8 Surface String: 4.0 STING: PRIMARY CEMENTING DATA Val. of cement: 550 SACKS Additive: 40% F.A. Retarder: _____ Wt. of slurry: _____ Type fluid in csg: WATER Fluid wt.: 8.3	Type Drill Fluid: FILL Fluid Level: _____ Max. Rec. Temp.: _____ Equiv. Circulation: _____ SUREFACE: FARRI SUREFACE: RBSB SUREFACE: DAWSON Type Joint: top SURE: 580 SURE: 1098 Protection: Liner

PRIMARY CEMENTING PROCEDURE Hour - date: 1900 12/18 Hours from start of operation: _____ Started pumping cement: _____ Release pressure: _____ Start Cement Bond Log: _____ Finish Cement Bond Log: _____ Preceding fluid: _____ Volume: _____ bbls. Cement pumped: _____ bbls./minute Pipe reciprocated during Pumping: Yes _____ No _____ Pipe reciprocated after plug down: Yes _____ No _____		REMARKS Service Order No. 59263 Csg. Collars Recorded - ft. _____ * PLUG @ 1012'
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SQUEEZE JOB DETAIL Squeeze number: 1 Date: _____ Depth interval: _____ Type cement: _____ Volume of cement: _____ Additive: _____ Retarder: _____ Weight of slurry: _____ Preceding fluid: _____ Breakdown pressure: _____ Max. pressure-stage 1: _____ " " " 2: _____ " " " 3: _____ Final maximum pressure: _____ Started pumping cement: _____ Released pressure: _____ Start CBL: _____ Finish CBL: _____ AVERAGE WELL DRIFT: _____ from _____ to _____ from _____ to _____	EQUIPMENT DATA Sonic Panel No. 302 Sonic Cart No. 26 C Sonic Sonde No. 24 L CRP No. 34 Mem Panel No. _____ GR Panel No. _____ GR Cart No. _____ Centralizer: Type CME-2 8 VCD No. 3 To Level (MV) 110 Cart. Gain 20 CRP Intensity 2 R9G Intensity 8.0 Logging Speed 30' / MIN Time Constant _____	Centralizer Depths: _____ Scratcher Depths: _____
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COMPANY: THERMAL POWER CO. WELL: UTAH STATE NO. 72-16 FIELD: WILDCAT COUNTY: BEAVER STATE: UTAH	SCHL. FR: 999 SCHL. TD: 1012 DRLR TD: 1245 Elev.: _____ KB: NA DF: _____ GL: NA
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CEMENT BOND CALIBRATION CODING Δ1 AMPLITUDE 1. MECHANICAL ZERO MECHANICAL ZERO 2. 240 μ sec ELECTRICAL ZERO 3. 320 μ sec CALIBRATE 4. 400 μ sec	
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