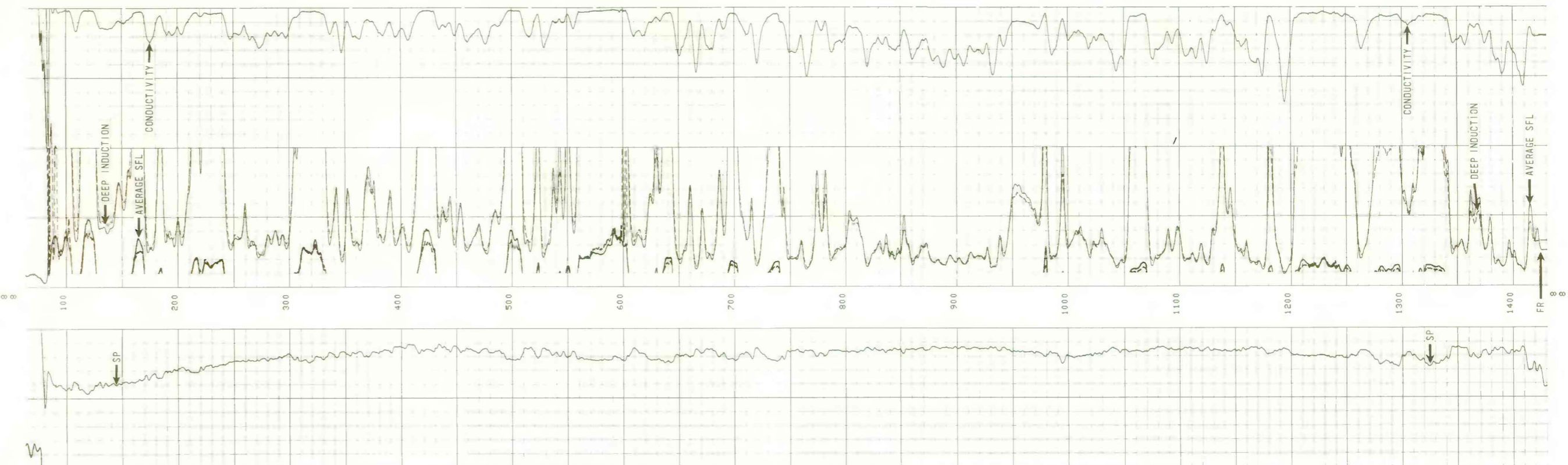
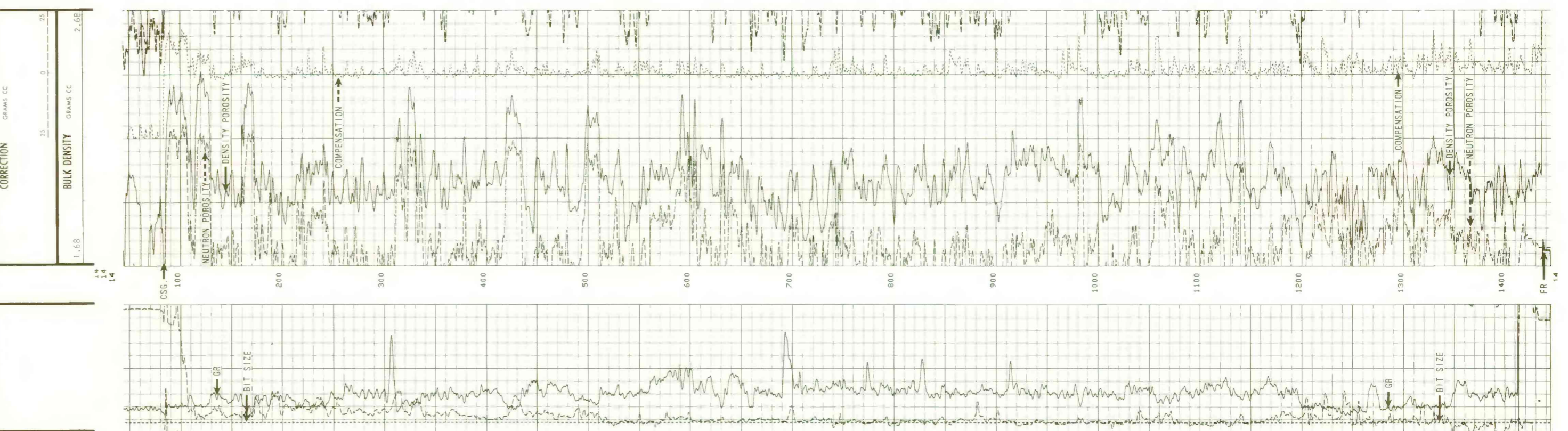


Schlumberger DUAL INDUCTION-SFL WITH LINEAR CORRELATION LOG	
COMPANY UNITED STATES GEOLOGICAL SURVEY WELL BUTTE CITY 32G1 FIELD BUTTE CITY COUNTY GLENN STATE CALIFORNIA	
DATE 9-15-79 RUN NO. ONE DEPTH-DIV. 1450 DEPTH-LOGGER (SCH.) 1432 ELEM. LOG INTERVAL 1426 TOP LOG INTERVAL 82 CASING-DIV. 16" @ 97' CASING-LOGGER 82 BIT SIZE 6 7/8" TYPE FLUID IN HOLE FGM DENS. 1.00 pH 7.0 FLUID LOSS ml SOURCE OF SAMPLE FLOWLINE Rm @ Meas. Temp 9.6 @ 91 F Rm @ Meas. Temp 7.3 @ 90 F Rmc @ Meas. Temp 4.3 @ 90 F SOURCE Rm Rmc M M Rm @ BHT 7.0 @ 110 F CIRCULATION STOPPED 1.00 LOGGER ON BOTTOM 1.530 MAX. REC. TEMP. 110 F EQUIP. LOCATION 8126 SAC RECORDED BY ANDERSEN WITNESSED BY PAGE	
PERMANENT DATUM: U.L. Elev. 85 Elev. K.B. N/A LOG MEASURED FROM: GL N/A Ft. Above Perm. Datum D.F. N/A DRILLING MEASURED FROM: GL 85 G.L. 85	
SCALE CHANGES: Type Log Depth REMARKS:	
EQUIPMENT DATA: Spherically Focused Log R ₁₀₀ 30 R ₅₀ 30	
LOGGING DATA: Spherically Focused Log R ₁₀₀ 30 R ₅₀ 30	
CALIBRATION DATA: Spherically Focused Log R ₁₀₀ 30 R ₅₀ 30	
CONDUCTIVITY MILLIHMS/M DEEP INDUCTION RESISTIVITY OHMS M/M DEEP INDUCTION SPONTANEOUS POTENTIAL MILLIVOLTS DEPTH	



LOG A. - Conductivity, dual induction, and spontaneous potential

Schlumberger COMPENSATED NEUTRON-FORMATION DENSITY	
COMPANY UNITED STATES GEOLOGICAL SURVEY WELL BUTTE CITY 32G1 FIELD BUTTE CITY COUNTY GLENN STATE CALIFORNIA	
DATE 9-15-79 RUN NO. ONE DEPTH-DIV. 1450 DEPTH-LOGGER (SCH.) 1432 ELEM. LOG INTERVAL 1426 TOP LOG INTERVAL 82 CASING-DIV. 16" @ 97' CASING-LOGGER 82 BIT SIZE 6 7/8" TYPE FLUID IN HOLE FGM DENS. 1.00 pH 7.0 FLUID LOSS ml SOURCE OF SAMPLE FLOWLINE Rm @ Meas. Temp 9.6 @ 91 F Rm @ Meas. Temp 7.3 @ 90 F Rmc @ Meas. Temp 4.3 @ 90 F SOURCE Rm Rmc M M Rm @ BHT 7.0 @ 110 F CIRCULATION STOPPED 1.00 LOGGER ON BOTTOM 1.530 MAX. REC. TEMP. 110 F EQUIP. LOCATION 8126 SAC RECORDED BY ANDERSEN WITNESSED BY PAGE	
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SCALE CHANGES: Type Log Depth REMARKS:	
EQUIPMENT DATA: Compensated Neutron Porosity Matrix Porosity Bulk Density Gamma Ray	
LOGGING DATA: Compensated Neutron Porosity Matrix Porosity Bulk Density Gamma Ray	
CALIBRATION DATA: Compensated Neutron Porosity Matrix Porosity Bulk Density Gamma Ray	
POROSITY INDEX % SANDSTONE-MATRIX COMPENSATED FORMATION DENSITY POROSITY CORRECTION BULK DENSITY GRAMS/CC CALIPER DIAM. IN INCHES GAMMA RAY API UNITS DEPTH	



LOG B. - Bulk density, caliper, compensated formation density and neutron, and gamma ray