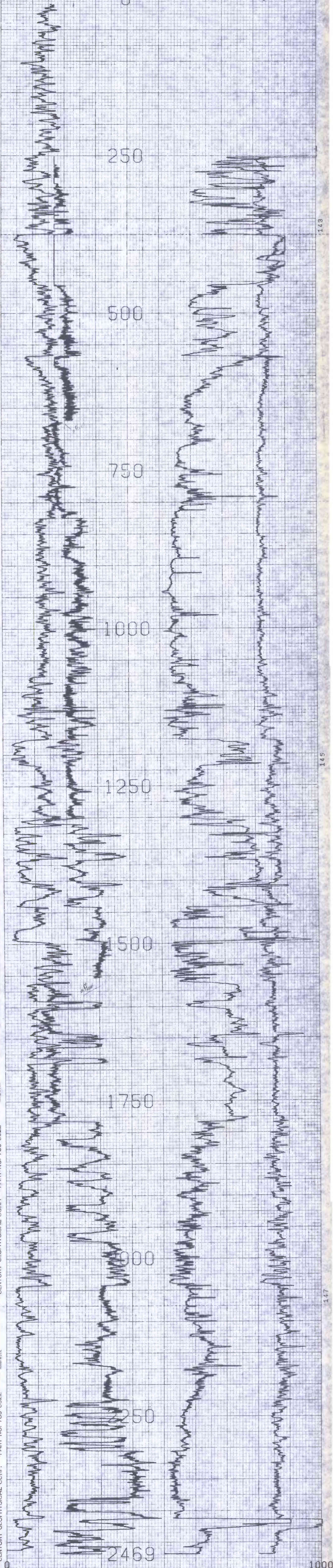


DEPARTMENT OF THE INTERIOR UNITED STATES GEOLOGICAL SURVEY		81-172 333	OPEN-FILE REPORT 81-172 PLATE 6
CENTURY GEOPHYSICAL CORPORATION Tulsa, Oklahoma		OPERATOR GREG LUNA	DATE 11-01-80
COMPANY U. S. G. S.		UNIT NO. 7663	FIELD OFFICE GRANTS
BOREHOLE S-2		EQUIPMENT DATA	
AREA MARIANO LAKE		PROB MODEL 800	
COUNTY McKINLEY		PROB DIAMETER 1.5"	
SECTION 1		DETECTOR TYPE 800	
TOWNSHIP 16 NORTH		DETECTOR SIZE 20" x 10"	
RANGE 14 WEST		STD. FACTOR 1.00 x 10 ⁻³	
HOLE DATA		STD. FACTOR 1.00 x 10 ⁻³	
TOTAL DEPTH - DRILLER : 2460 ft		STD. FACTOR 1.00 x 10 ⁻³	
TOTAL DEPTH - LOGGER : 2460 ft		STD. FACTOR 1.00 x 10 ⁻³	
TOTAL FOOTAGE LOGGED : 2460 ft		STD. FACTOR 1.00 x 10 ⁻³	
LOGGING SPEED : 60 ft/min		STD. FACTOR 1.00 x 10 ⁻³	
REFERENCE LEVEL : 9030A-92		STD. FACTOR 1.00 x 10 ⁻³	
PROBE NO. : 9030A-92		STD. FACTOR 1.00 x 10 ⁻³	
RESISTIVITY: 85		STD. FACTOR 1.00 x 10 ⁻³	
BIAS: -0		STD. FACTOR 1.00 x 10 ⁻³	
REMARKS:		STD. FACTOR 1.00 x 10 ⁻³	
GAMMA SP RES N-N		STD. FACTOR 1.00 x 10 ⁻³	



COMPU-LAG V3L9 PLOT 11-01-80

S-2
U.S.G.S.
MARIANO LAKE
HOLE DIAMETER : 05.0

CAL STD CPS = 0161 CAL RUN CPS = 0182
PROBE # 9055A -046 PROBE CAL BIAS = +00000
TRUCK # 7663 DATA: V3L10
APPL.#5 E
GREG LUNA

VERTICAL DEVIATION
COMPULOG V3L1 DEVIATION
HOLE ID: S-2

SCALE: 10 FT/IN
MAG DECL: 13.5
TRUE DEPTH: 2467. FT
AZIMUTH: 142.
DISTANCE: 91.0 FT

+ = 100 FOOT INCR
Δ = TOP OF ZONE
◇ = BOTTOM OF ZONE
TRUE NORTH ↑

