CENTURY GEOPHYSICAL CORPORATION

Tulsa, Oklahoma

CGC

OPERATOR	F. JONES	DATE	08-28-80
UNIT NO.	7740	FIELD OFFICE	CARSON CITY

COMPANY	FUGRO NATIONAL		
BOREHOLE	HC-S-T-2		
AREA	HOT CREEK VALLEY	ELEVATION	
COUNTY	NYE	STATE	NEVADA
SECTION 27ac	TOWNSHIP 6N	RANGE	50E

PRELIMINARY

HOLE DATA

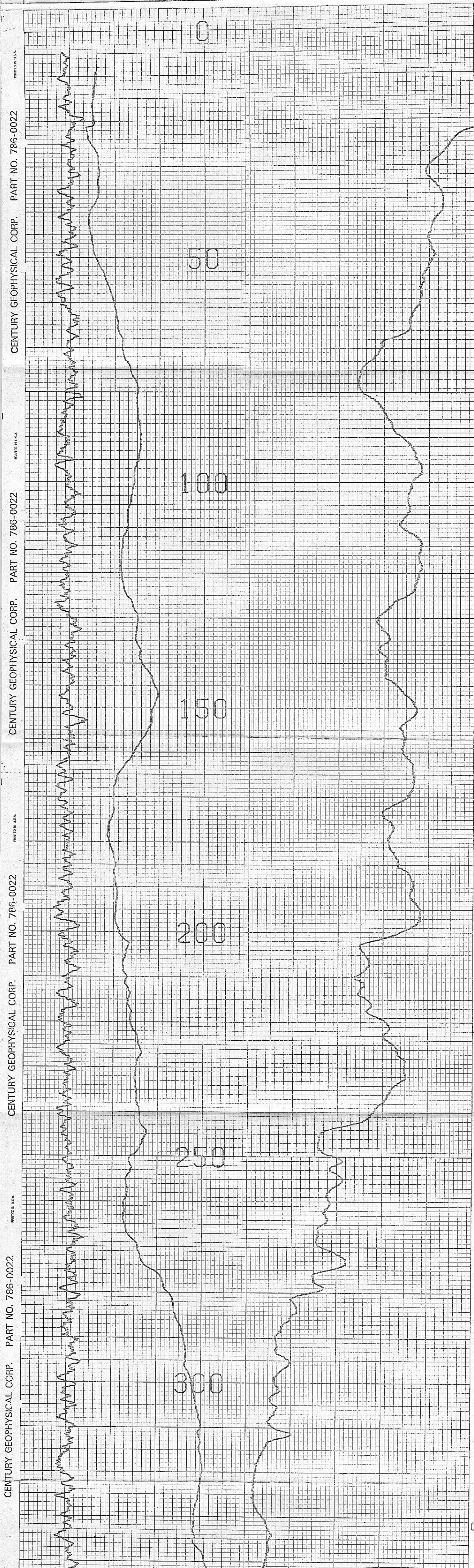
TOTAL DEPTH — DRILLER :	510	BIT SIZE	12.3"
TOTAL DEPTH — LOGGER :	510	CASING — TYPE & SIZE	NONE
TOTAL FOOTAGE LOGGED :	510	CASING DEPTH	NONE
LOGGING SPEED :	60/MIN	BOREHOLE FLUID :	MUD
REFERENCE LEVEL :	G.L	FLUID RESISTIVITY :	5.1 @81°F
PROBE NO. :	9055A-238	SOFTWARE LEVEL :	V3L10

REMARKS:

EQUIPMENT DATA

PROBE MODEL		9010	9030	9050/55	9060	
PROBE DIAMETER		1.87"	2.0"	1.87"	1.4"	
NATURAL GAMMA	DETECTOR TYPE	NaI	NaI	NaI	NaI	
	DETECTOR SIZE	.875" x 1.25"	1.25" x 4.5"	.875" x 4.0"	.5" x 3.0"	
	STD. K FACTOR	1.50×10^{-5}	—	$.550 \times 10^{-5}$	1.02×10^{-5}	
	STD. DEADTIME	1 μsec	—	1.18 μsec	1 μsec	
	CALIB. MODEL LOC.		—	G.J.		
	CALIB DATE		—	6-9-80		
	K FACTOR		—	5.6×10^{-6}		
	DEADTIME		—	1.1×10^{-6}		
	TEST READING		—	—		
	WATER FACTOR		—			
	CASING FACTOR		—	—		
DENSITY	DETECTOR TYPE	—	NaI	—	NaI	
	DETECTOR SIZE	—	.5" x 1.5"	—	.5" x 3.0"	
	SOURCE TYPE	—	Cs^{137}	—	Cs^{137}	
	SOURCE NO.	—		—		
	SOURCE STRENGTH	—		—		
	SOURCE SPACING	—		—		
NEUTRON	DETECTOR TYPE	—	—	He^3	—	
	DETECTOR SIZE	—	—	1.0" x 6.0"	—	
	SOURCE TYPE	—	—	AmBe	—	
	SOURCE NO.	—	—	—	—	
	SOURCE STRENGTH	—	—	—	—	
	SOURCE SPACING	—	—	—	—	
SNGL. PT RESISTANCE		1.4"D x 2.5"L	—	1.4"D x 2.5"L	1.1"D x 2.5"L	
RESISTIVITY		—	6" FOCUSED	—	—	
SELF POTENTIAL		YES	—	YES	YES	
TEMPERATURE		—	—	YES	—	
DEVIATION		—	—	YES	—	
CALIPER		—	YES	—	—	

CT-112 REV. 11-78



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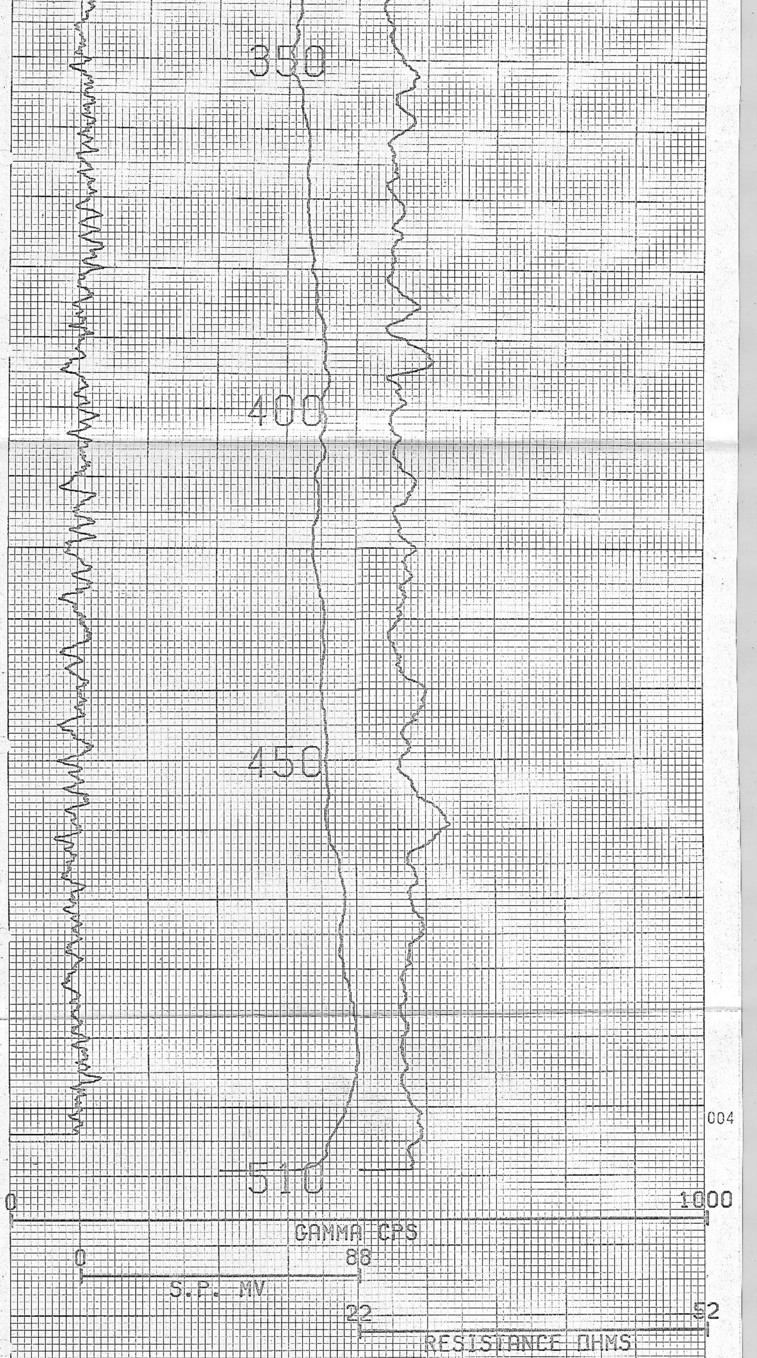
CENTURY GEOPHYSICAL CORP. PART NO. 786-0022 PRINTED IN U.S.A.



COMPU-LOG V3L9 PLOT 08-28-80

HC-S-T-2
FUGRO NATIONAL
HOT CREEK VALLEY

HOLE DIAMETER : 12.3

CAL STD CPS = 0000
PROBE # 9055A -238
TRUCK # 7740
APPL.#3 D
JONES, F.

CAL RUN CPS = 0000
PROBE CAL BIAS = +00000
DATA: V3L10

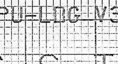
VERTICAL DEVIATION

COMPULOG V3L1 DEVIATION
HOLE ID: HC-S-T-2

SCALE: 1 FT/IN
MAG DECL: 16.0
TRUE DEPTH: 510. FT
AZIMUTH: 64.
DISTANCE: 1.0 FT

+ = 25 FOOT INCR
△ = TOP OF ZONE
◇ = BOTTOM OF ZONE

TRUE NORTH ↑

005