



CENTURY GEOPHYSICAL CORPORATION

Tulsa, Oklahoma

BOREHOLE

#624

DATE

9-18-84

UNIT/OPERATOR

7602/G.SLOAN

FIELD OFFICE

GRANTS

COMPANY

UNITED NUCLEAR CORP.

BOREHOLE

#624

AREA

CHURCH ROCK

ELEVATION

COUNTY

MC KINLEY

STATE

NEW MEXICO

SECTION

TOWNSHIP

RANGE

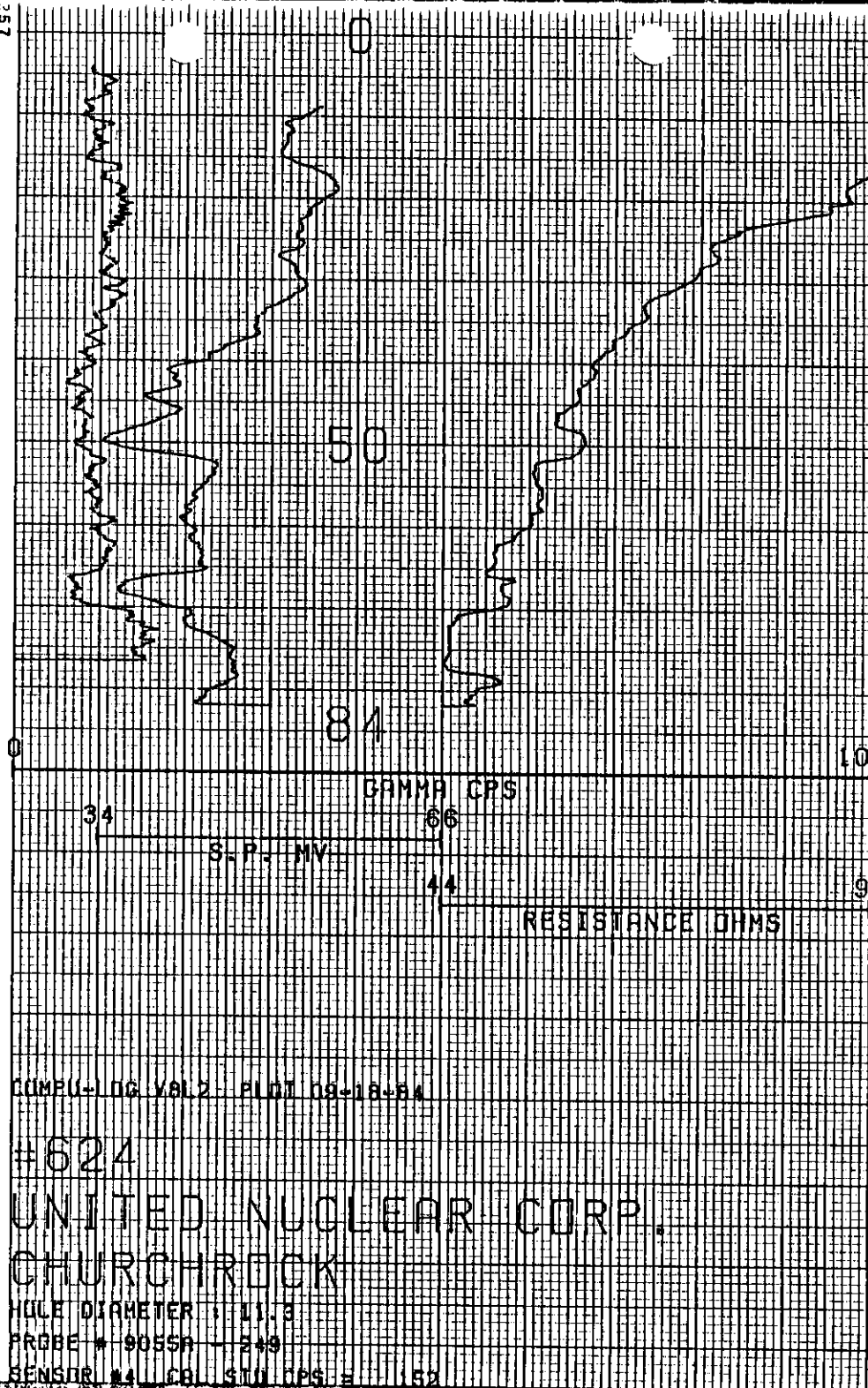
HOLE DATA

TOTAL DEPTH — DRILLER	85'	BIT SIZE	1 1/4"
TOTAL DEPTH — LOGGER	84'	CASING — TYPE & SIZE	—
TOTAL FOOTAGE LOGGED	84'	CASING DEPTH	—
LOGGING SPEED	60'/MIN.	BOREHOLE FLUID	MUD
REFERENCE LEVEL	G.L.	FLUID RESISTIVITY	— @ 'F
PROBE NO.	9055-249	SOFTWARE LEVEL	8.2AA
		SCALE SELECTION	☒ OPERATOR ☐ CLIENT

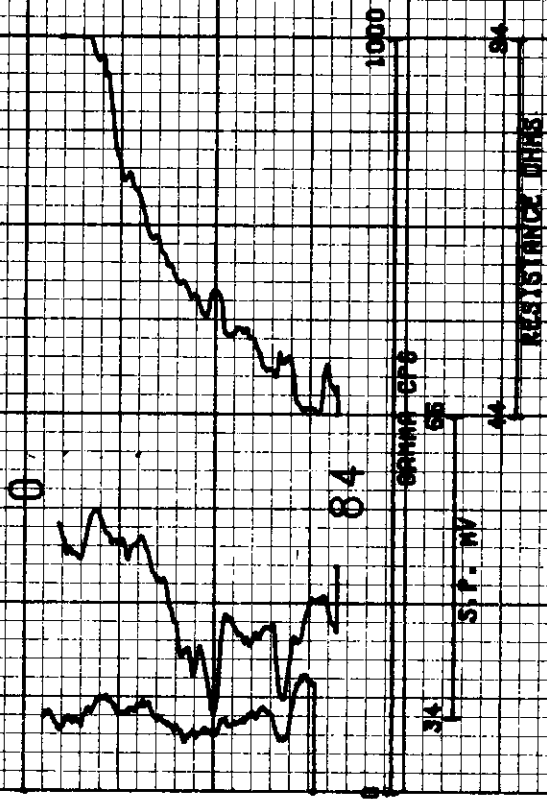
REMARKS:

EQUIPMENT DATA

PROBE MODEL	SD16	SD20	SD20S	SD20
PROBE DIAMETER	1.87"	2.0"	1.87"	1.4"
DETECTOR TYPE	Nd	Nd	Nd	Nd
DETECTOR SIZE	3.0" x 1.25"	1.125" x 0.5"	3.0" x 0.5"	5" x 3.0"
SDR. K-FACTOR	1.99×10^{-5}	—	5.99×10^{-5}	1.82×10^{-5}
STD. DEVIATION	1 μ sec	—	1.10 μ sec	1 μ sec
CHEM. ANAL. LOC.	—	—	GR.	—
CHEM. DATE	—	—	7-26-84	—
K-FACTOR $\times 10^{-5}$	—	—	5.775	—
DEVIATION μ sec	—	—	.721	—
TEST READING	—	—	—	—
WATER FACTOR	—	—	—	—
CORRECTION FACTOR	—	—	—	—
DETECTOR TYPE	—	Nd	—	Nd
DETECTOR SIZE	—	5" x 1.5"	—	5" x 3.0"
SOURCE TYPE	—	Cu ¹⁰⁹	—	Cu ¹⁰⁹
SOURCE NO.	—	—	—	—
SOURCE STRENGTH	—	—	—	—
SOURCE SPACING	—	—	—	—
DETECTOR TYPE	—	—	Nd	—
DETECTOR SIZE	—	—	1.8" x 0.5"	—
SOURCE TYPE	—	—	Am ²⁴¹	—
SOURCE NO.	—	—	N/A	—
SOURCE STRENGTH	—	—	N/A	—
SOURCE SPACING	—	—	N/A	—
SMALL PT. RESISTANCE	1.470 x 2.071	—	1.470 x 2.071	1.70 x 2.071
RESISTIVITY	—	0" FOCUSED	—	—
SELF POTENTIAL	YES	—	YES	YES
TEMPERATURE	—	—	YES	—
DEVIATION	—	—	☒ YES	—
CALIPER	—	YES	—	—



17-00



CONV-100 Vol.2 Plot 80-10-84

#624

UNITED NUCLEAR CORP.
CHURCHICK

WELL DIAMETER: 11.2
PUMP: 8 1/2" x 10" - 240
SUSPENSION: 40% CIL, 60% GEL - 152
SUSPENSION: 40% CIL, 60% GEL - 154
SUSPENSION: 40% CIL, 60% GEL - 156
WITH VULCAN TRUCK # 7502
IN SLOW AMPL. 40