PR-7

3655

CENTURY GEOPHYSICAL CORPORATION
Tulsa, Oklahoma

BOREHOLE	PR-7
DATE	05-19-82
UNIT/OPERATOR	7736/M. RUSH
FIELD OFFICE	CASPER

COMPANY: SILVER KING
BOREHOLE: PR-7
AREA: PETERSON
ELEVATION:
COUNTY: FALL RIVER
STATE: SOUTH DAKOTA
SECTION: 10
TOWNSHIP: 7S
RANGE: 1E

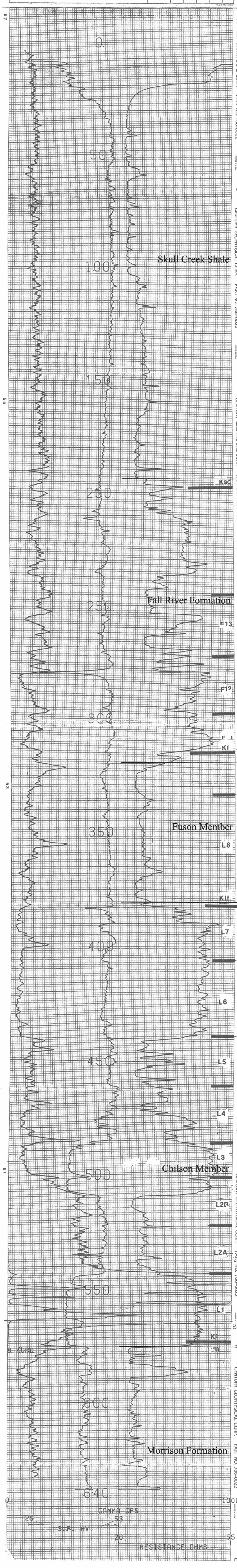
HOLE DATA

TOTAL DEPTH — DRILLER	640 FT	BIT SIZE	5 1/8 IN
TOTAL DEPTH — LOGGER	640 FT	CASING — TYPE & SIZE	—
TOTAL FOOTAGE LOGGED	640 FT	CASING DEPTH	—
LOGGING SPEED	60 FT/MIN	BOREHOLE FLUID	MUD
REFERENCE LEVEL	GL	FLUID RESISTIVITY	— @ °F
PROBE NO.	9055.53	SOFTWARE LEVEL	V8.24A
		SCALE SELECTION	☒ OPERATOR ☐ CLIENT

REMARKS: OPEN HOLE

EQUIPMENT DATA

PROBE MODEL	9010	9020	9055/55	9080
PROBE DIAMETER	1.67"	2.0"	1.67"	1.4"
NATURAL GAMMA — DETECTOR TYPE	Nal	Nal	Nal	Nal
DETECTOR SIZE	.375" x 1.25"	1.125" x 4.5"	.375" x 4.5"	.5" x 2.0"
STD. K-FACTOR	1.59 x 10⁻³	—	.558 x 10⁻³	1.03 x 10⁻³
STD. DEADTIME	1 μsec	—	1.18 μsec	1 μsec
CALIB. MODEL LOC.		—	CASPER	
CALIB DATE		—	5-8-82	
K-FACTOR x 10⁻³		—	.5769	
DEADTIME μsec		—	.776	
TEST READING		—	—	
WATER FACTOR		—	1.126	
CASING FACTOR		—	—	
DENSITY — DETECTOR TYPE	—	Nal	—	Nal
DETECTOR SIZE	—	.5" x 1.5"	—	.5" x 3.5"
SOURCE TYPE	—	Cs¹³⁷	—	Cs¹³⁷
SOURCE NO.	—		—	
SOURCE STRENGTH	—		—	
SOURCE SPACING	—		—	
NEUTRON — DETECTOR TYPE	—	—	He³	—
DETECTOR SIZE	—	—	1.0" x 6.0"	—
SOURCE TYPE	—	—	AmBe	—
SOURCE NO.	—	—	—	—
SOURCE STRENGTH	—	—	—	—
SOURCE SPACING	—	—	—	—
SNGL. PT RESISTANCE	1.4"Ω x 2.0"L	—	1.4"Ω x 2.0"L	1.1"Ω x 2.0"L
RESISTIVITY	—	8" FOCUSED	—	—
SELF POTENTIAL	YES	—	YES	YES
TEMPERATURE	—	—	—	—
DEVIATION	—	—	YES	—
CALIPER	—	YES	—	—



D-02

PLATE 3.3-1

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Dewey-Burdock
Typical Log

Fall River and Custer Counties
South Dakota

Date: 11-05-2008	Plate: 2.6.4
	File Name: PR-7.dwg