PR-7
3655

CENTURY GEOPHYSICAL CORPORATION
Tulsa, Oklahoma

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	5⅞ 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	V8.2 *A
		SCALE SELECTION	☒ OPERATOR ☐ CLIENT

REMARKS: OPEN HOLE

BOREHOLE	PR-7
DATE	05.19.82
UNIT/OPERATOR	7736/M. RUSH
FIELD OFFICE	CASPER

EQUIPMENT DATA

PROBE MODEL		9010	9030	9055/56	9080	
PROBE DIAMETER		1.67"	2.0"	1.67"	1.4"	
NATURAL GAMMA	DETECTOR TYPE	NaI	NaI	NaI	NaI	
	DETECTOR SIZE	.875" x 1.25"	1.125" x 4.0"	.875" x 4.0"	.5" x 2.0"	
	STD. K FACTOR	1.58 x 10⁻⁶	—	.868 x 10⁻⁶	1.82 x 10⁻⁶	
	STD. DEADTIME	1 μsec	—	1.18 μsec	1 μsec	
	CALIB. MODEL LOC.		—	CASPER		
	CALIB DATE		—	5.8.82		
	K FACTOR x 10⁻⁶		—	.5769		
	DEADTIME μsec		—	.776		
	TEST READING		—	—		
	WATER FACTOR		—	1.126		
	CASING FACTOR		—	—		
DENSITY	DETECTOR TYPE	—	NaI	—	NaI	
	DETECTOR SIZE	—	.5" x 1.0"	—	.5" x 2.0"	
	SOURCE TYPE	—	Co⁶⁰	—	Co⁶⁰	
	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"D x 2.5"L	—	1.4"D x 2.5"L	1.1"D x 2.5"L	
RESISTIVITY		—	8" FOCUSED	—	—	
SELF POTENTIAL		YES	—	YES	YES	
TEMPERATURE		—	—	YES	—	
DEVIATION		—	—	YES	—	
CALIPER		—	YES	—	—	

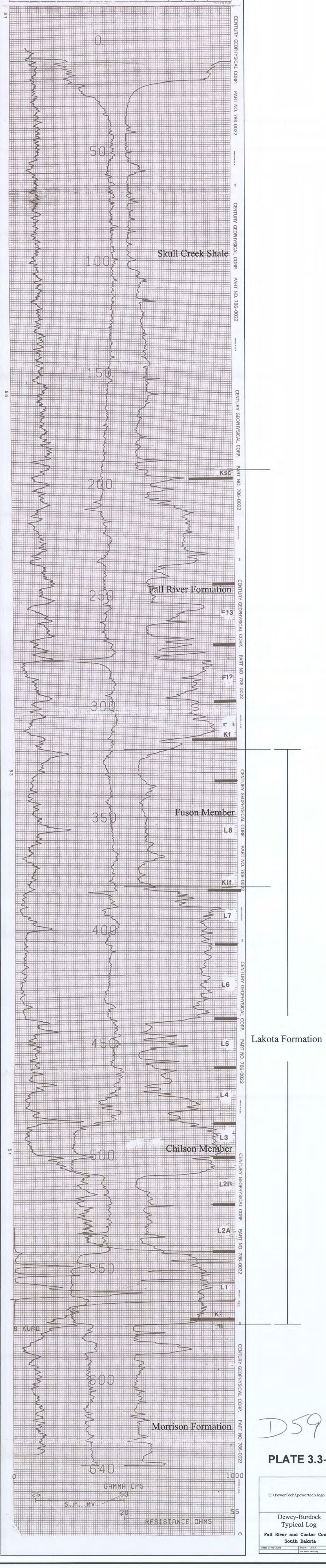

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PLATE 3.3-1

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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