

MAR 31 1972

KANRAB 3-31-10W
 CNWSE
 3-31-10W

ROTARY DRILLERS' LOG

API #15-007-20,200

OPERATOR: John C. Graves-Mull Drilling DRILLING COMMENCED: February 15, 1972
 505 Union Center
 Wichita, Kansas 67218

CONTRACTOR: Graves Drilling Co., Inc. DRILLING COMPLETED: February 28, 1972
 505 Union Center
 Wichita, Kansas 67202 D & A 1757KB

CASING RECORD: 6 Jts. 261' 8-5/8" - cemented with 235 sacks
 LOCATION: Strong No. 1 h
C NW SE
Section 3-31S-10W
Barber County, Kansas

SMP TOPS	DEPTH	LOG	DESCRIPTION
	0 - 261		Shale & sand
HOW	3094	261 - 980	Red bed & shale
TOP	3210		
LANS	3843	980 - 1810	Shale & shells
MISS	4481		
TD	4518	1810 - 2323	Lime & shale
		2323 - 2490	Shale & lime
		2490 - 2635	Shale with lime streaks
		2635 - 3135	Shale & lime
		3135 - 3693	Lime & shale
		3693 - 3855	Shale & lime
		3855 - 3990	Lime & shale
		3990 - 4205	Lime
		4205 - 4483	Lime & shale
		4483 - 4490	Chert & dolomite
		4490 - 4508	Chert
		4508	Rotary Total Depth

I hereby certify the foregoing statements to be true and correct to the best of my knowledge.

GRAVES DRILLING CO., INC.

By John C. Graves