30-32-12W

State Geological Survey
WICHITA, BRANCH

ROTARY DRILLERS' LOG

OPERATOR: Graves Drilling Co., Inc.
910 Union Center
Wichita, Kansas 67202

DRILLING COMMENCED: October 21, 1980

CONTRACTOR: Graves Drilling Co., Inc.
910 Union Center
Wichita, Kansas 67202

DRILLING COMPLETED: October 29, 1980

CASING RECORD: 5 Jts. 212' of used 8-5/8" cemented with 185 sacks

121 Jts. 4688' of new 4½" cemented with 75 sacks.

LOCATION: Gibson No. 1
C S/2 NE SE
Section 30-32S-12W
Barber County, Kansas

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0 - 872	Red bed
872 - 1645	Red bed, shale & lime
1645 - 2008	Shale
2008 - 2220	Lime & shale
2220 - 3598	Shale & lime
3598 - 3776	Lime & shale
3776 - 4185	Shale & lime
4185 - 4333	Lime & shale
4333 - 4605	Shale & lime
4605 - 4690	Lime & chert
4690	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 _____
Secretary-Treasurer

Copy sent to:
State Corporation Commission