

R O T A R Y D R I L L E R S ' L O G

OPERATOR: Graves Drilling Co., Inc. DRILLING COMMENCED: March 26, 1980
910 Union Center
Wichita, Kansas 67202

CONTRACTOR: Graves Drilling Co., Inc. DRILLING COMPLETED: April 3, 1980
910 Union Center
Wichita, Kansas 67202

CASING RECORD: 6 Jts. 215' of used 8-5/8" LOCATION: Skinner No. 1
cemented with 215 sacks. C S/2 S/2
104 Jts. 4328' of new 4 1/2" Section 12-32S-12W
cemented with 75 sacks. Barber County, Kansas

0 - 1735	Red bed
1735 - 4134	Shale & lime
4134 - 4232	Lime & shale
4232 - 4330	Shale & lime
4330	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 Betty Brandt
Secretary-Treasurer