

State Geological Survey
WICHITA, BRANCH

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

OPERATOR: Graves Drilling Co., Inc. DRILLING COMMENCED: May 11, 1981
910 Union Center
Wichita, Kansas 67202

CONTRACTOR: Graves Drilling Co., Inc. DRILLING COMPLETED: May 18, 1981
910 Union Center
Wichita, Kansas 67202

CASING RECORD: 10 Jts. 391' of new 8-5/8" LOCATION: Pennock No. 1
cemented with 260 sacks. 80' S of E/2 W/2 NW
Section 11-32S-12W
131 Jts. 4371' of new 4½" Barber County, Kansas
cemented with 75 sacks.

0 - 1080 Red bed

1080 - 4373 Shale & lime

4373 Rotary Total Depth

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

Copy sent to:
State Corporation Commission
Kansas Geological Society
Kansas Geological Survey

GRAVES DRILLING CO., INC.

By *Rebecca L. Matthews*
Secretary-Treasurer

STATE OF KANSAS)
) ss.
SEDGWICK COUNTY)

Subscribed and sworn to before me, a Notary Public, this 29th day of May, 1981.

Rebecca L. Matthews
Rebecca L. Matthews Notary Public

My commission expires:

May 17, 1981