

29-32-9W  
C SE NW

ROTARY DRILLERS' LOG

OPERATOR: Graves Drilling Co., Inc. DRILLING COMMENCED: December 20, 1980  
910 Union Center  
Wichita, Kansas 67202

CONTRACTOR: Graves Drilling Co., Inc. DRILLING COMPLETED: January 3, 1981  
910 Union Center  
Wichita, Kansas 67202

CASING RECORD: 5 Jts. 205' of used 8-5/8" LOCATION: Hoyt No. 1  
cemented with 185 sacks.  
134 Jts. 4388' of new 4½" C SE NW  
cemented with 125 sacks. Section 29-32S-9W  
Harper County, Kansas

0 - 205 Red bed  
205 - 1268 Red bed & shale  
1268 - 4323 Shale & lime  
4323 - 4355 Shale, lime & chert  
4355 - 4390 Lime  
4390 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. Brundt  
Secretary-Treasurer

STATE OF KANSAS )  
                    ) ss.  
SEDGWICK COUNTY )

Subscribed and sworn to before me, a Notary Public, this 16th day of January, 1981.

Rebecca L. Matthews  
Rebecca L. Matthews  
Notary Public

My commission expires: May 17, 1983