

KANSAS DRILLERS LOG
State Geological Survey
 COMPANY K **WICHITA BRANCH**

SEC. 28 T. 22S R. 2W
 LOC. NE NE SE

FARM Hilke "A" NO. 3

COUNTY Harvey

ROTARY TOTAL DEPTH 3,864'
 COMM. September 2, 1981 COMP. September 12, 1981
 CONTRACTOR H-30, INC. (Rig #7)
 ISSUED September 17, 1981

CASING

10 3/4"
 8 5/8" Set at 287' cemented w/250 sxs cement
 5 1/2" Set at 3,863' cemented w/300 sxs cement
 4 1/2"

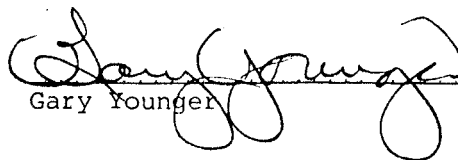
ELEVATION 1,434' K.B.

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand and Shale	291'
Shale	455'
Shale and Lime	538'
Shale	1,485'
Shale and Lime	2,215'
Lime and Shale	3,160'
Shale and Lime	3,347'
Lime and Shale	3,853'
Shale and Lime	3,864'
Rotary Total Depth	3,864'

I hereby certify the above and foregoing to be
 a true and correct log of the above described
 well as shown by the drilling reports.

H-30, INC.


 Gary Younger

State of Kansas)
) ss:
 County of Sedgwick)

Subscribed and Sworn to before me a Notary Public
 in and for said county and state this 17th day of
 September, 1981.