

KANSAS DRILLERS LOG

Wichita Branch

COMPANY Woco, Inc.

SEC. 4 T. 24S R. 4W
LOC. NW NE SW

FARM Brown

NO. 5

COUNTY Reno

ROTARY TOTAL DEPTH 3349'

COMM. October 27, 1981

COMP. October 31, 1981

CONTRACTOR McAllister Drilling Co., Inc. (Rig #1)

ISSUED November 4, 1981

CASING

12-1/4" - Set at 420' by Rosencrantz-Bemis Drilling Co.

10 3/4"

8 5/8"

5 1/2" - Set at 3345' cemented w/175 sxs cement

4 1/2"

ELEVATION 1482 K.B.

FIGURES INDICATE BOTTOM OF FORMATIONS

Shale and Lime

2542'

Shale

2794'

Shale and Lime

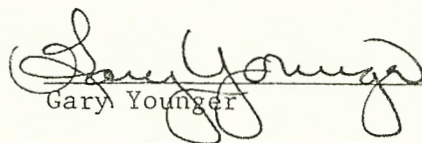
3349'

Rotary Total Depth

3349'

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.

McAllister Drilling Co., 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 4th day of November, 1981.

My Commission Expires: May 12, 1984