

AUG 23 1969

DRILLER'S LOG

COMPANY: Landes Exploration Co. and Franks Petroleum Co.,
P. O. Box 867, Magnolia, Arkansas 71753
CONTRACTOR: Hellar Drilling Co., Wichita, Kansas
LEASE: #1 Knoll
LOCATION: SE SE NW Sec. 35-10S-25W, Graham County, Kansas
COMMENCED: July 2, 1969
COMPLETED: July 9, 1969
CASING: Set 8 5/8" Surface Casing @ 216'/150 sacks cement

Dry

0-375	Shale
375-850	Shale & some chalk
850-1883	Shale
1883-2135	Shale & Red Bed
2135-2180	Anhydrite
2180-2715	Shale & Lime
2715-3828	Lime & Shale
3828	Rotary Total Depth

D & A



STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

I, D. L. Hellar, do hereby certify that the above and foregoing is a true and correct copy of the log of the #1 Knoll, located in SE SE NW 35-10S-25W, Graham County, Kansas, as reflected by the files of the Hellar Drilling Company, Inc.

HELLAR DRILLING COMPANY, INC.

By *D. L. Hellar*
President - D. L. Hellar

Subscribed and sworn to before me, a Notary Public, in and for Sedgwick County, Kansas,
this 14th day of July, 1969.