

WELL LOG

Dreiling Oil, Inc.
Rt. #1
Company Victoria, Kansas 67671

Farm Hartley No. 4

Total Depth 4,790'

Comm. 5-25-76 Comp. 6-2-76

Contractor Dreiling Oil, Inc.
Rt. #1
Victoria, KS 67671

Sec. 3 Twp. 6 Rng. 37

Location 150' SE of C-NW-SE

County Sherman

Elevation: 3421 K. B.

3418 D. F.

3416 G. R.

Casing Record

356' - 8 5/8"
4,788' - 4 1/2"

Cement Record

250 sacks cement
cemented w/175 sacks common
4# Gilsnite per sack

Production:

Figures Indicate Bottom of Formations

0'	280'	Top Soil-Sand-Gravel
280'	362'	Shale
362'	1119'	Shale & Sand
1119'	2680'	Shale
2680'	2860'	Shale & Gyp
2860'	3086'	Shale & Gyp
3086'	3131'	Anhydrite
3131'	3773'	Shale
3773'	3950'	Shale
3950'	4790'	Lime
4790'	T.D.	

STATE OF KANSAS)
COUNTY OF ELLIS)

I, Joseph A. Hess, Secretary Treasurer of Dreiling Oil, Inc.,
upon oath states that the above and foregoing is a true and correct
copy from the Daily Drilling Report from the Hartley #4.

Joseph A. Hess
JOSEPH A. HESS

Subscribed and sworn to before me this 15th day of June, 1976.

Cecilia Basgall
Cecilia Basgall Notary Public