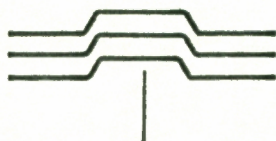


SPARTAN DRILLING CORPORATION



State Geological Survey
WICHITA BRANCH

JAN 22 1982

November 26, 1980

27-33-1E

DRILLERS LOG

RE: Turek #1
NE/SE/SE
Sec. 27 T33-R1E
Sumner County, KS

OPERATOR: Kansas Oil Corporation
CONTRACTOR: Spartan Drilling Corporation
COMMENCED: 10-6-80
COMPLETED: 10-18-80

Surface Pipe 257' 12 $\frac{1}{4}$ " w/200 3% cc 2% Gel

0	260	Sand & Shale
260	1790	Shale & Lime
1790	2870	Lime & Shale
2870	3750	Shale & Lime
3750	4035	Lime & Shale
4035	4060	Cherty Lime-Shale
4060	4401	Lime-Shale

We certify that the above and foregoing is a true and correct copy of the log on the Turek #1 in Sumner County, Kansas.

SPARTAN DRILLING CORPORATION

Floyd C. Wilson
President

Subscribed and sworn to before me this 26th day of November, 1980.



Carol E. Wilson, Notary Public