

DRILLERS LOG

September 7, 1978

#1 THORNBURG "A"
NW NE NE Sec. 4-16S-26W
Ness County, Kansas

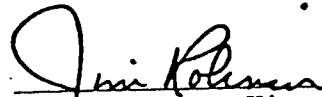
OPERATOR: Kansas Oil Corporation
CONTRACTOR: Warrior Drilling, Inc.
COMMENCED: August 17, 1978
COMPLETED: September 4, 1978

8 5/8" @ 315' w/175 sx

0	324	Surface Clay
324	1309	Sand & Shale
1309	2025	Shale
2025	2062	Anhydrite
2062	4200	Shale
4200	4600	Lime
4600		RTD

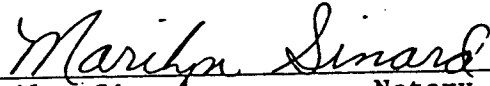
We certify that the above and foregoing is a true and correct copy of the log on the #1 Thornburg "A" located in Ness County, Kansas.

WARRIOR DRILLING, INC.


Jim Robinson, Vice President

Subscribed and sworn to before me this 7th day of September, 1978.

MARILYN SINARD
STATE NOTARY PUBLIC
SEDGWICK COUNTY, KANSAS
MY COMM. EXP. APR. 30, 1979


Marilyn Sinard Notary Public