DRILLERS LOG

May 12, 1980

#1 HARDMAN
NW SE NW Sec. 24-6S-23W
Graham County, Kansas

OPERATOR: Pate-Dombaugh Pet. & Martin Exploration
CONTRACTOR: Warrior Drilling, Inc.
COMMENCED: May 6, 1980
COMPLETED: May 10, 1980

8 5/8" @ 256' w/170 sx.

0	261	Surface Sand & Clay
261	1500	Sand & Shale
1500	2018	Shale
2018	2053	Anhydrite
2053	2858	Shale
2858	3690	Shale & Lime
2690	3780	Lime & Shale
3780	3815	Lime
3815		RTD

D & A

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

WARRIOR DRILLING, INC.

Bill G. Lahar

Bill G. Lahar, Vice President

Subscribed and sworn to before me this 12th day of May, 1980.

Marilyn Sinard

Marilyn Sinard Notary Public

MARILYN SINARD
STATE NOTARY PUBLIC
SEDGWICK COUNTY, KANSAS
MY APPT. EXP. 4-30-83