

DRILLERS LOG

SANTA FE MINERALS, INC.
ALBERTA MUELLER #2
SECTION 30-T34S-R34W
SEWARD COUNTY, KANSAS

COMMENCED: 11-22-87
COMPLETED: 11-25-87

SURFACE CASING: 755' OF 8 5/8"
CMTD. W/370 SX HLC "C" 2% C.C.
1/4# FLOCELE, TAILED IN W/130 SX
THIXSET 5%, KCL 5# GELSONITE

FORMATION

DEPTH

CONDUCTOR CASING	0- 50
SURFACE HOLE	50- 755
SAND & RED BED	755-1402
SAND, RED BED, & ANHYDRITE	1402-1970
LIME & SHALE	1970-2358
LIMESTONE & SHALE	2358-2680
LIME & SHALE	2680-2850 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

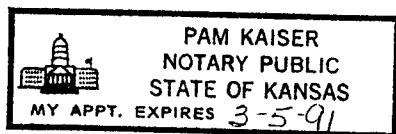
CHEYENNE DRILLING, INC.

A. J. Jacques

A. J. JACQUES

STATE OF KANSAS ::s:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 30TH DAY OF NOVEMBER, 1987.



Pam Kaiser

PAM KAISER, NOTARY PUBLIC