

DRILLERS LOG

SANTA FE MINERALS, INC.
GOLDIE DUBOIS #2
SECTION 6-T34S-R34W
SEWARD COUNTY, KANSAS

COMMENCED: 12-11-88
COMPLETED: 12-14-88

SURFACE CASING: 755' OF 8 5/8"
OMTD. W/250 SX LITE "C", 2% C.C.
1/4#/SX FLOCEL, TAILED IN W/150
SX "C", 2% C.C., 1/4#/SX FLOCEL

FORMATION

DEPTH

SURFACE HOLE	0- 755
RED BED & CLAY	755-1170
GLORIETTA SAND	1170-1380
SHALE	1380-2240
SHALE & LIME	2240-2366
SHALE	2366-2666
LIME & SHALE	2666-2880 RTD

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

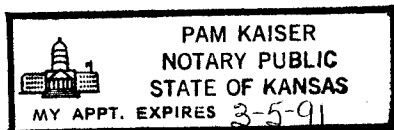
CHEYENNE DRILLING, INC.

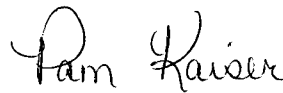


A. J. JACQUES

STATE OF KANSAS :SS:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 16TH DAY OF DECEMBER, 1988.




PAM KAISER, NOTARY PUBLIC