

DRILLERS LOG

KANSAS NATURAL GAS, INC.
SPRATT 14CG-14 33
SECTION 29-T24S-R34W
FINNEY COUNTY, KANSAS

COMMENCED: 06-15-89
COMPLETED: 06-18-89

SURFACE CASING: 607' OF 8 5/8"
CMTD W/185 SX "C", 2% C.C.,
1/4#/SX D-29, TAILED IN W/150 SX
"C", 2% C.C., 1/4#/SX D-29

FORMATION	DEPTH
SURFACE HOLE	0- 623
SAND & CLAY	623-1900
RED BED	1900-2230
SHALE & LIME	2230-2950
SHALE	2950-2980 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 :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 18TH DAY OF JUNE, 1990.

BECKY J. WHETSTONE
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4/29/91

Becky J. Whetstone
BECKY J. WHETSTONE, NOTARY PUBLIC

6-21-90
JUN 21 1990