

DRILLER'S LOG

22-34-39W

State Geological Survey
WICHITA BRANCH

TOM F. MARSH
Cunningham #2
2170 FWL, 150 FSL
Section 22 - T34S - R39W
Stevens County, Kansas

Commenced: 12-15-82
Completed: 12-17-82

Surface Casing: 604' of 8-5/8"
cmt'd w/200 sx Howco Lite, 2% cc,
100 sx Class H, 3% cc.

FORMATION

Surface Hole
Shale, Anhydrite
Glorietta
Shale

DEPTH

0 - 615
615 - 1260
1260 - 1380
1380 - 1480 RTD

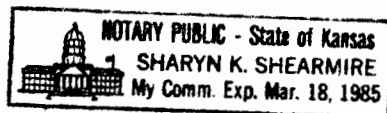
I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

CHEYENNE DRILLING, INC.

A. J. Jacques
A. J. Jacques

STATE OF KANSAS: ss:

Subscribed and sworn to before me this 22nd day of December, 1982.



Sharyn K. Shearmire
Sharyn K. Shearmire, Notary Public