

DRILLER'S LOG

Helmerich & Payne
Carlton A #2
1980 FNL, 1980 FWL
Section 6 - T26S - R34W
Finney County, Kansas

Commenced: 8-09-84
Completed: 8-22-84

Surface Casing: 804' of 9-5/8"
Cmtd w/225 sx Lite, 2% cc,
100 sx Class C, 3% cc.

FORMATION

DEPTH

Surface Hole	0 - 824
Sand, Shale, Red Bed	824 - 1024
Red Bed, Shale	1024 - 1420
Anhydrite	1420 - 1430
Glorrietta	1430 - 1592
Shale	1592 - 3170
Shale, Lime	3170 - 3390
Shale	3390 - 3900
Lime, Shale	3900 - 4045
Shale, Lime	4045 - 4201
Lansing	4201 - 4255
Lime, Shale	4255 - 4400
Shale, Lime	4400 - 4523
Marmaton	4523 - 4643
Lime	4643 - 4880
Shale, Lime	4880 - 5010
Lime, Shale	5010 - 5130
Lime	5130 - 5210 RTD

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

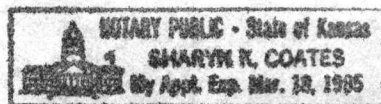
CHEYENNE DRILLING, INC.

A. J. Jacques

A. J. Jacques

STATE OF KANSAS: ss:

Subscribed and sworn to before me this 28th day of August, 1984.



Sharyn K. Coates

Sharyn K. Coates, Notary Public

AUG 31 1984

State Geological Survey
WICHITA BRANCH