

27- 30- 41W

DRILLER'S LOG

State Geological Survey
WICHITA, BRANCH

NATIONAL OIL CO.
No. 1 Williams
50' N of NW NW NE
Sec 27-30S-41W
Stanton Co., Ks.

Commenced: 10-14-80
Completed: 10-30-80

Surface Casing: 1549' of 8-5/8"
cemented w/500 sx Lite Weight, 2% cc,
followed w/150 sx common, 3% cc

<u>FORMATION</u>	<u>DEPTH</u>
Surface Hole	0 - 1559
Shale	1559 - 3032
Shale & Lime	3032 - 3420
Shale	3420 - 3585
Shale & Lime	3585 - 3825
Lime	3825 - 3965
Lime & Shale	3965 - 4975
Shale	4975 - 5095
Lime & Shale	5095 - 5210
Shale	5210 - 5305
Shale & Sand	5305 - 5420
Shale	5420 - 5448
Lime	5448 - 5455 RTD

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

CHEYENNE DRILLING, INC.

Ella Priess
Ella Priess

STATE OF KANSAS: ss:

Subscribed and sworn to before me this 3rd day of November, 1980.

Dorothy L. Schmidt
Dorothy L. Schmidt, Notary Public

DOROTHY L. SCHMIDT
STATE NOTARY PUBLIC
Sedgwick County, Kansas
My Appt. Exp. April 30, 1983