

DRILLERS LOG

State Geological Survey  
WICHITA BRANCH

27-30-41W

SEP

NATIONAL OIL COMPANY  
Williams #2  
NW NE NE  
Section 27 - 30s - 41w  
Stanton County, Kansas

Commenced: 8/30/81  
Completed: 9/12/81

Surface casing: 1536' of 8-5/8"  
Cmtd w/700 sx 65/35 poz, 15 sx  
Class H, 3% cc.

FORMATION

DEPTH

Surface Hole	0 - 1546
Shale	1546 - 2818
Shale & Lime	2818 - 3450
Lime & Shale	3450 - 3550
Shale & Lime	3550 - 3790
Lime & Shale	3790 - 3930
Shale & Lime	3930 - 4365
Lime	4365 - 4540
Shale & Lime	4540 - 4625
Lime	4625 - 4700
Shale & Lime	4700 - 4825
Lime & Shale	4825 - 5075
Sand & Shale	5075 - 5100
Lime & Shale	5100 - 5205
Sand	5205 - 5310
Sand & Shale	5310 - 5355
Shale & Sand	5355 - 5435
Shale	5435 - 5475 RTD

RECEIVED  
STATE CORPORATION COMMISSION

OCT 27 1981

CONSERVATION DIVISION  
Wichita, Kansas

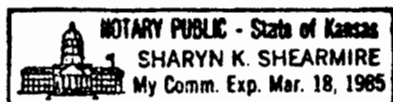
I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

CHEYENNE DRILLING, INC.

*A. J. Jacques*  
A. J. Jacques

STATE OF KANSAS: ss:

Subscribed and sworn to before me this 28th day of September, 1981.



*Sharyn K. Shearmire*  
Sharyn K. Shearmire, Notary Public

SEP 30 1981