

*Geological Survey*  
STANTON

15-187-2029  
23-30-41W

DRILLER'S LOG

NATIONAL OIL COMPANY  
No. 2 Johns  
NE SW SW Sec. 23-30S-41W  
Stanton Co., Ks.

Commenced: 11-16-78  
Completed: 11-29-78

Surface Casing: 1548' of 8-5/8"  
cmtd w/400 60-40 pozmix, 200 sx  
common, 2% gel, 3% cc. 11-16-78

<u>FORMATION</u>	<u>DEPTH</u>
Surface Hole	0 - 1556
Shale	1556 - 2093
Sand & Shale	2093 - 2425
Shale	2425 - 2872
Sand & Shale	2872 - 3250
Shale	3250 - 3870
Lime & Shale	3870 - 5300
Lime	5300 - 5410 RTD

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

D N B DRILLING, INC.  
*Ella Priess*  
Ella Priess

STATE OF KANSAS: ss:

Subscribed and sworn to before me this 30th day of November, 1978.

*Dorothy L. Schmidt*  
Dorothy L. Schmidt, Notary Public

DOROTHY L. SCHMIDT  
STATE NOTARY PUBLIC  
Ridgwick County, Kansas  
My Appt. Exp. April 30, 1979