

DRILLERS' LOG

NATIONAL OIL COMPANY
No. 1 Johns
NW NW SW Sec. 23-30S-41W
Stanton Co., Kansas

Commenced: 2-7-78
Completed: 2-21-78

Surface Casing: 1533' of 8-5/8"
cemented w/400 sx 60-40 pozmix, 2% gel,
3 % cc. 2-9-78

FORMATION

DEPTH

Surface Hole	0 - 1541
Shale	1541 - 3290
Lime & Shale	3290 - 3435
Shale	3435 - 3765
Lime & Shale	3765 - 4065
Shale & Lime	4065 - 4293
Lime & Shale	4293 - 4830
Shale	4830 - 5380
Lime	5380 - 5456
Shale	5456 - 5550 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 23rd day of February, 1978.

Dorothy L. Schmidt
Dorothy L. Schmidt, Notary Public