

DRILLER'S LOG

PUBLISHERS PETROLEUM
No. 1 Horchem
C SW SW Sec 27-16S-26W
Ness Co., Ks.

Commenced: 8-9-80
Completed: 8-17-80

Surface Casing: 309' of 8-5/8" cemented
w/200 sx common, 2% gel, 3% cc

FORMATION

DEPTH

Surface Hole	0 - 317
Shale & Shells	317 - 830
Shale & Sand	830 - 1477
Shale, Sand & Red Bed	1477 - 1865
Shale & Lime	1865 - 2475
Lime & Shale	2475 - 2755
Shale & Lime	2755 - 3170
Lime & Shale	3170 - 4215
Lime	4215 - 4605 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 19th day of August, 1980.

Dorothy L. Schmidt

Dorothy L. Schmidt, Notary Public

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