

DRILLERS' LOG

OIL PROPERTY MANAGEMENT

No. 2 Kropp
SE SW Sec. 13-23S-22W
Hodgeman Co., Kansas

Commenced: 8-5-77
Completed: 8-13-77

Surface Casing: 353' of 8-5/8"
cemented w/225 sx common, 2% gel,
3% cc. 8-5-77

FORMATION

DEPTH

Surface Hole	0 - 361
Shale	361 - 746
Blaine Anhydrite	746 - 756
Sand & Shale	756 - 1100
Shale & Red Bed	1100 - 1415
Shale	1415 - 2240
Shale & Lime	2240 - 2534
Lime & Shale	2534 - 2683
Shale & Lime	2683 - 2865
Lime & Shale	2865 - 3880
Lime	3880 - 4324
Lime & Shale	4324 - 4345
Lime	4345 - 4395 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 18th day of August, 1977.

Dorothy L. Schmidt

Dorothy L. Schmidt, Notary Public

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