

APR 12 2007

CONSERVATION DIVISION  
WICHITA, KS

DRILLER'S LOG

R. R. A., INC.  
No. 4 Werner Unit B  
SE SE SE Sec. 31-32S-6E  
Cowley Co., Ks.

DRL  
10-18-07

Commenced: 7-24-78  
Completed: 7-28-78

Surface Casing: 154' of 8-5/8"  
cemented w/65 sx, 1% gel, 3% cc

FORMATION

DEPTH

Surface Hole	0 - 160
Shale & Lime	160 - 860
Sand, Shale & Lime	860 - 1325
Shale & Lime	1325 - 1755
Shale & Sand	1755 - 2465
Lime & Shale	2465 - 2530
Lime	2530 - 2687
Lime & Shale	2687 - 3125
Lime	3125 - 3190 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 3rd day of August, 1978.

*Dorothy L. Schmidt*

Dorothy L. Schmidt, Notary Public

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