

15-035-20963 ✓
24-33-56
State Geological Survey
WICHITA BRANCH

DRILLERS' LOG

PETROLEUM RESOURCES
No. 3 Sam Miller
NE NE NW, Sec. 24-33S-5E
Cowley County, Kansas

Elev: 1267 K.B.

Commenced: 5-6-76
Completed: 5-11-76

Surface Casing: 207' of
8-5/8" cemented w/140 sx
common cement, 3% Gel, 4sz
cc. 5-7-76

FORMATION

DEPTH

Surface Hole	0 - 215
Lime	215 - 315
Shale, Lime & Sand	315 - 832
Shale & Lime	832 - 1640
Sand & Shale	1640 - 1750
Shale, Sand & Lime	1750 - 2164
Shale, Lime & Sand	2164 - 2466
Shale & Lime	2466 - 2505
Lime & Shale	2505 - 2707
Lime, Shale & Sand	2707 - 2859
Lime & Shale	2859 - 2996
Shale & Lime	2996 - 3092
Lime & Chert	3092 - 3130 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.

James L. Donelson
JAMES L. DONELSON

STATE OF KANSAS: ss:

Subscribed and sworn to before me this 20th day of May 1976.

Ella Priess
Ella Priess, Notary Public

