15-093-20466

State Geological Survey
WICHITA BRANCH

4-26-36W

DRILLERS' LOG

ZENITH DRILLING COPRORATION, INC.
No. 3 Lee
SW SW Sec. 4-26S-36W
Kearny Co., Kansas

Commenced: 11-18-77
Completed: 11-27-77

Surface Casing: 636' of 8-5/8" cemented w/300 sx Halco Lite, 150 sx common, 3% cc. 11-18-77

FORMATION	DEPTH
Surface Hole	0 - 644
Sand	644 - 1420
Sand & Shale	1420 - 1824
Anhydrite	1824 - 1830
Shale & Sand	1830 - 2177
Shale	2177 - 2404
Sand & Shale	2404 - 2661
Shale	2661 - 3070
Lime & Shale	3070 - 3570
Shale & Lime	3570 - 3775
Lime, Shale & Sand	3775 - 4015
Lime	4015 - 4269
Shale	4269 - 4395
Lime	4395 - 4605
Lime & Shale	4605 - 4805
Lime	4805 - 5050 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 29th day of November 1977.

Dorothy L. Schmidt

Dorothy L. Schmidt, Notary Public

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