29-16-11W

State Geological Survey
WICHITA, BRANCH

DRILLER'S LOG

LOUIS KAHAN, OPERATOR
Seyfert 'A' #12
NE/4 Sec 29-16S-11W
Barton Co., Ks.

Commenced: 9-13-80
Completed: 9-18-80

Surface Casing: 570' of 8-5/8" cemented w/300 sx common, 2% gel, 3% cc. 9-14-80

FORMATION	DEPTH
Surface Hole	0 - 578
Red Bed & Shale	578 - 1065
Shale & Lime	1065 - 1925
Lime & Shale	1925 - 3270
Lime	3270 - 3293 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 September, 1980.

Dorothy L. Schmidt

Dorothy L. Schmidt, Notary Public

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