State Geological Survey
WICHITA BRANCH

15-191-20178

DRILLERS' LOG

WATSON PETROLEUM, INC.
No. 4 Warren
SW/4 Sec. 1-35S-1E
Sumner Co., Ks.

Commenced: 6-12-78
Completed: 6-18-78

Surface Casing: 244' of 8-5/8" cemented w/200 sx, 6-13-78

FORMATION	DEPTH
Surface Hole	0 - 245
Shale, sand & Lime	245 - 720
Shale & Lime	720 - 1172
Shale, Sand & Lime	1172 - 1575
Shale, Lime & Sand	1575 - 1915
Shale, Sand & Lime	1915 - 2220
Shale, Lime & Sand	2220 - 2390
Sand	2390 - 2403
Shale, Sand & Lime	2403 - 2602
Shale & Lime	2602 - 2760
Shale & Sand	2760 - 2891
Lime & Shale	2891 - 2970
Lime	2970 - 3064
Lime & Shale	3064 - 3460
Shale & Lime	3460 - 3515 RTD
Lime	3515 - 3525 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 21st day of June, 1978.

Dorothy L. Schmidt

Dorothy L. Schmidt, Notary Public

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