

State Geological Survey
WICHITA BRANCH

31-33-4E

DRILLERS' LOG

JEFFERSON-WILLIAMS ENERGY CORPORATION
No. 1 John Bricker
C NW SW NW, Sec. 31-33S-4E
Cowley County, Kansas

Elev: 1183 K.B.

Commenced: 2-3-76
Completed: 2-11-76

Surface Casing: 205' of
8-5/8" cemented w/175 sx
common cement, 2% Gel, 2% cc.
2-4-76

<u>FORMATION</u>	<u>DEPTH</u>
Surface Hole	0 - 216
Shale & Lime	216 - 2602
Sand	2602 - 2608
Sand & Shale	2608 - 2744
Lime & Shale	2744 - 2800
Lime	2800 - 2891
Lime & Shale	2891 - 2965
Lime & Sand	2965 - 3012
Lime & Shale	3012 - 3085
Lime, shale and sand	3085 - 3211
Shale & Lime	3211 - 3353
Chat	3353 - 3375 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 February 1976.

Ella Priess

Ella Priess, Notary Public



<i>Ella Priess</i>
STATE NOTARY PUBLIC
Sedgwick County, Kansas
My Com. Expires Aug. 25, 1976