

*and*

*State Geological Survey*  
WICHITA BRANCH  
DRILLER'S LOG

PETROLEUM, INC.  
Schmidt 'AC' #1  
150' W C W/2 NE SE  
Sec 33-12S-17W  
Ellis Co., Ks.

Commenced: 7-14-81  
Completed: 7-22-81

Surface Casing: 240' of 8-5/8"  
cemented w/175 sx common, 2% gel,  
3% cc

FORMATION

DEPTH

|                     |                 |
|---------------------|-----------------|
| Surface Hole        | 0 - 248         |
| Shale & Shells      | 248 - 520       |
| Shale & Sand        | 520 - 1256      |
| Anhydrite           | 1256 - 1294     |
| Shale               | 1294 - 1940     |
| Shale & Lime        | 1940 - 2330     |
| Lime & Shale        | 2330 - 2950     |
| Lime, Shale, & Sand | 2950 - 3210     |
| Lime                | 3210 - 3613 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 Jr.*  
James L. Donelson, Jr.

STATE OF KANSAS: ss:

Subscribed and sworn to before me this 23rd day of July, 1981.

*Dorothy L. Schmidt*  
Dorothy L. Schmidt, Notary Public

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