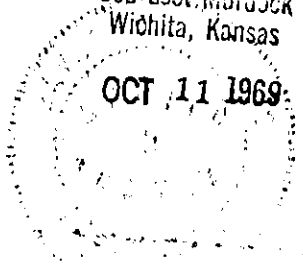


13-21-19W

KANSAS GEOLOGICAL SOCIETY
508 East Murdock
Wichita, Kansas



DRILLERS' LOG

DNB DRILLING, INC.
and
KATHOL PETROLEUM, INC.
737 First National Bank Building
Wichita, Kansas

Dry

Canon 'A' #1
C SW NE, Sec. 13-21S-19W
Pawnee County, Kansas

Elevation: 2122 K.B.

Commenced: 8-12-69
Completed: 8-20-69

Surface Casing: 282' of
3-5/8" cemented w/165 sx
cement, 5% cc. 8-12-69

FORMATION

DEPTH

| | |
|----------------|-----------|
| Surface Hole | 288 |
| Shale and Sand | 1245 |
| Anhydrite | 1270 |
| Shale and Lime | 2110 |
| Lime and Shale | 2460 |
| Lime | 2520 |
| Lime and shale | 3474 |
| Shale and lime | 3734 |
| Lime | 4057 |
| Lime and shale | 4105 |
| Shale and lime | 4205 |
| Conglomerate | 4275 |
| Lime | 4310 T.D. |

I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

DNB DRILLING, INC.

James L. Donelson
JAMES L. DONELSON

STATE OF KANSAS: ss:

Subscribed and sworn to before me, the undersigned, a Notary Public in andfor said State, this 22nd day of August, 1969.

Ella Priess
Ella Priess, Notary Public