

KANSAS GEOLOGICAL SOCIETY
503 East Murdock
Wichita, Kansas

FEB 14 1970

22-16-8E
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NW SW NE

DRILLERS' LOG

Elv 1346 KB

ROSEN OIL COMPANY
Richards #1
NW SW NE, Sec. 22-16S-8E
Morris County, Kansas

Dry

Elevation: 1346 K.B.

Commenced: 12-26-69
Completed: 12-31-69

Surface Casing: 160' of 8-5/8"
cemented w/ 100 sx cement,
12-26-69.

FORMATION

DEPTH

Surface Hole	200
Shale	303
Shale & Lime	1480
Lime & Shale	2055
Shale & Lime	2494
Lime	2717
Shale & Lime	2823
Shale	2857
Lime	2932
Lime & Shale	3012
Shale & Lime	3075
Lime	3136
Sand	3140 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 and for said State, this 6th day of January, 1970.

My Commission Expires:
August 25, 1972

Ella Priess
Ella Priess, Notary Public