

ROTARY DRILLERS' LOG

OPERATOR: Rosen Oil Company
260 Sutton Place
Wichita, Kansas

DRILLING COMMENCED: July 6, 1969

CONTRACTOR: Graves Drilling Co., Inc.
505 Union Center
Wichita, Kansas

DRILLING COMPLETED: July 12, 1969

CASING RECORD: 10 3/4" Surface Casing
set at 227' with 225
sacks of cement.

LOCATION: Miller # 1
SW SW NE
Sec. 22-23-4W
Reno County, Kansas

8 3/4" Surface Casing
set at 604' with 100
sacks of cement.

5 1/2" Surface Dasing
set at 3352' with 175
sacks of cement.

0	-	14	Soil
14	-	205	Sanded Shale
205	-	615	Shale
615	-	660	Lime
660	-	884	Shale & Redbed
884	-	1810	Shale & Shells
1810	-	2002	Shale
2002	-	2353	Lime
2353	-	2625	Shale
2625	-	3003	Lime
3003	-	3289	Shale & Shells
3289	-	3359	Lime & Chert
3359			Total Depth

I hereby certify the foregoing statements to be true and correct,
to the best of my knowledge.

GRAVES DRILLING CO., INC.

By John C. Graves
John C. Graves

STATE OF KANSAS)
SEDGWICK COUNTY) ss

Subscribed and sworn to before me, a Notary Public, this
21st day of July, 1969.

My commission expires: July 28, 1970

Mary Ann Scott
Mary Ann Scott, Notary Public

RECEIVED JUL 22 1969