

DRILLER'S LOG

COMPANY: Glen Rupe
 CONTRACTOR: LEBEN DRILLING, INC.
 FARM: MICHAELIS #1
 LOCATION: C NE NW SECTION 13-26S-19W
 EDWARDS COUNTY, KANSAS
 COMMENCED: 2-23-68
 COMPLETED: 3-8-68

0	292	Sand, Shale
292	710	Shale, Redbed
710	722	Anhydrite
722	1100	Anhydrite
1100	1290	Redbed, Shale
1290	1330	Anhydrite
1330	1575	Redbed, Shale, Shells
1575	2107	Shale, Sand, Shells
2107	2260	Shale
2260	2380	Lime, Shale
2380	2525	Shale, Lime
2525	2645	Lime, Shale
2645	2767	Lime
2767	2835	Lime, Shale
2835	3130	Lime
3130	3310	Shale, Lime
3310	3410	Lime, Shale
3410	3541	Shale, Lime
3541	3815	Lime, Shale
3815	3940	Shale, Lime
3940	4105	Lime
4105	4678	Lime
4678	4696	Lime, Shale
4696	4725	Lime
4725	4803	Chert, Lime
4803	4850	Sand, Lime
	<u>4850</u>	<u>RTD - D. & A.</u>

8 5/8" new 20# surface casing set @ 290' cemented with 250 sacks
 Common, 2% cc

I, Leslie Kite, do hereby certify that the above and foregoing is
 a true and correct copy of the log of the Michaelis #1 Well, loca-
 ted C NE NW of Section 13, Township 26 South, Range 19 West, Edwards
 County, Kansas, as reflected by the records of Leben Drilling, Inc.

Leslie Kite

Leslie Kite

STATE OF KANSAS)
) SS
 COUNTY OF BARTON)

Subscribed and sworn to and before me, a Notary Public, in
 and for Barton County, Kansas, this 11th day of March, 1968.

Ulanda Nichols

Ulanda Nichols

My Commission Expires:
 April 1, 1971

*mailed
 copy state corp
 3/12/68*