

DRILLERS LOG

No. 1 Birzer

<b>CASING RECORD:</b>	<b>COMPANY:</b>	Glen N. Rupe	<b>DESCRIPTION:</b>
8 5/8" @ 248'	<b>CONTRACTOR:</b>	Red Tiger Drilling Co.	SE NE SW
w/175 sx cement	<b>COMMENCED:</b>	July 10, 1969	22-17S-12W
	<b>COMPLETED:</b>	July 17, 1969	Barton County,
			Kansas
<b>TOTAL DEPTH:</b>			<b>ELEVATION:</b>
3411'			

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface clay & sand	0	79	
Shale, Shells	79	437	
Red Bed	437	740	
Anhydrite	740	762	
Shale & Shells	762	1000	
Shale	1000	1435	
Shale & Lime	1435	1740	
Shale, Lime & Shells	1740	1749	
Lime & Shale	1749	2738	
Lime	2738	2981	
Shale	2981	2985	
Lime & Shale	2985	3055	
Lime	3055	3275	
Lime - BKC	3275	3339	
Marmaton	3339	3358	
Conglomerate	3358	3378	
Arbuckle	3378	3405	
Conglomerate	3405	3411	

I certify that this is a true and correct copy of the above log to the best of my knowledge.

RED TIGER DRILLING COMPANY

*Norman E. Klein*  
 Norman E. Klein

Subscribed and sworn to before me this 23rd day of July, 1969.



*Gloria Fancett*  
 Notary Public

My Commission Expires:  
 10-25-72

*7/24/69 original marked  
 1- State Corp.  
 2- Ray Howell  
 3- K. Will log 7/30/69*