

No. 3 Nuss

CASING RECORD:	COMPANY:	Larry G. Stephenson & Co., Inc.	DESCRIPTION:
8 5/8" @ 262' w/160 sx cement	CONTRACTOR:	Red Tiger Drilling Company	NE/4 NE/4 NE/4 Sec. 9-T16S-R14W Barton County, Kansas
	COMMENCED:	March 4, 1978	
	COMPLETED:	March 14, 1978	

TOTAL DEPTH: 3,411'	ELEVATION: 1,929' GL
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<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface Clay & Post Rock	0	70	
Shale	70	915	
Arbuckle	915	947	
Shale	947	1245	
Shale w/Lime	1245	1735	
Shale & Lime	1735	2000	
Lime	2000	2080	
Lime & Shale	2080	2450	
Shale & Lime	2450	2810	
Lime & Shale	2810	3038	
Lime	3038	3386	
Arbuckle	3386	3396	
Lime	3396	3400	
Arbuckle	3400	3411	
RTD		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

Gloria Fawcett
Gloria Fawcett

Subscribed and sworn to before me this 20th day of March, 1978.

Wayne A. Hagermann
Notary Public