

DRILLERS LOG

No. 1 Riffel

23-9-23W

15-065-21091

CASING RECORD:

8 5/8" @ 260'
w/170 sx cement

COMPANY: Frontier Oil Company

CONTRACTOR: Red Tiger Drilling Company

COMMENCED: December 31, 1978

COMPLETED: January 24, 1978

DESCRIPTION:

NE/4 NE/4 SW/4
Sec. 23-T99-R23W
Graham County, Kansas

State

TOTAL DEPTH: 3,960'

ELEVATION: 2,386' KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Shr & Sand	0	260	
Shale	260	400	
Sand & Shale	400	1610	
Shale	1610	1729	
Hard Sand	1729	1780	
Hard Sand & Shale	1780	1991	
Anhydrite	1991	2025	
Shale	2025	2388	
Shr & Lime Streaks	2388	2513	
Shale & Lime	2513	2626	
Lime & Shale	2626	2806	
Shale & Lime Streaks	2806	2876	
Shale & Lime	2876	3007	
Lime & Shale	3007	3360	
Shale	3360	3455	
Lime	3455	3960	
RTI		3960	

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 31st day of January, 1979.

James A. Hagermann
Notary Public