

DRILLERS LOG

No. 3 Basgall

15-165-20710  
5-165-17W

CASING RECORD:

8 5/8" @ 1,147'  
w/450 sx cement

4 1/2" @ 3,543'  
w/200 sx cement

TOTAL DEPTH: 3,550'

COMPANY: Frontier Oil Company

CONTRACTOR: Red Tiger Drilling Company

COMMENCED: January 11, 1979

COMPLETED: February 4, 1979

DESCRIPTION:

C N/2 SE/4  
Sec. 5-T16S-R17W  
Rush County, Kansas

ELEVATION: 1,988' KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Clay & Rock	0	50	
Rock	50	106	
Shale	106	490	
Sand	490	768	
Shale	768	870	
Red Bed	870	1121	
Anhydrite	1121	1159	
Shale	1159	1790	
Shale & Lime	1790	2303	
Lime & Shale	2303	2488	
Shale & Lime	2488	2915	
Lime & Shale	2915	2980	
Lime	2980	3550	
RTD		3550	

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 6th day of February, 1979.

Opal A. Hagermann  
Notary Public