

DRILLERS LOG

15-165-20671  
15-16-17W

No. 7 Burgardt "A"

CASING RECORD:	COMPANY:	Frontier Oil Company	DESCRIPTION:
8 5/8" @ 1179.50' w/450 sx cement	CONTRACTOR:	Red Tiger Drilling Company	C NW/4 NE/4 Sec. 15-T16S-R17W Rush County, Kansas
4 1/2" @ 3,631' w/175 sx cement	COMMENCED:	December 7, 1977	
TOTAL DEPTH: 3,632'	COMPLETED:	December 29, 1977	ELEVATION: 2,015' KB

<u>FO. TION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Clay	0	15	
Clay, Shale & Rock	15	145	
Shale	145	285	
Shale & Sand Streaks	285	560	
Sand & Shale	560	870	
Shale & Lime Streaks	870	1016	
Shale & Red Bed	1016	1152	
Red Bed	1152	1166	
Anhydrite	1166	1195	
Shale	1195	1825	
Shale & Lime	1825	2115	
Lime & Shale	2115	2910	
Lime	2910	3560	
Conglomerate	3560	3613	
Lir	3613	3632	
RTD		3632	

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 4th day of January, 1978.

Joyce A. Hagermann  
Notary Public