

DRILLERS LOG

No. 1 Keller "A"

CASING RECORD:	COMPANY:	Frontier Oil Company	DESCRIPTION:
8 5/8" @ 258' w/165 sx cement	CONTRACTOR:	Red Tiger Drilling Company	NE/4 SW/4 NE/4 Sec. 9-T13S-R21W Trego County, Kansas
4 1/2" @ 3,906' w/200 sx cement	COMMENCED:	August 6, 1978	
	COMPLETED:	August 20, 1978	
TO . DEPTH: 3,912'			ELEVATION: 2,215' KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Shale, Sand, Shale	0	265	
Shale	265	370	
Shale & Sand Streaks	370	1100	
Sand	1100	1330	
Shale & Red Bed	1330	1609	
Anhydrite	1609	1650	
Shale	1650	1875	
Shale w/Lime Streaks	1875	2150	
Shale & Lime	2150	2485	
Lime & Shale	2485	2895	
Shale & Lime	2895	3090	
Lime	3090	3912	
RTD		3912	

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 23rd day of August, 1978.

James A. Hagermann
Notary Public