

**KANSAS DRILLERS LOG**

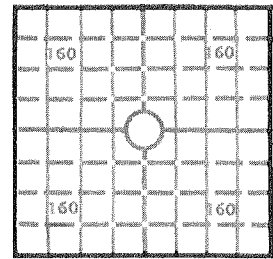
API No. 15 195 20471  
 County Number

S. 9 T. 13S R. 21W<sup>E</sup><sub>W</sub>

Loc. C NW NE NE

County Trego

640 Acres  
N



Elev.: Gr. \_\_\_\_\_

DF \_\_\_\_\_ KB \_\_\_\_\_

Operator  
Frontier Oil Co.

Address  
1720 Kansas State Bank Bldg. Wichita, Ks 67202

Well No. #2 Lease Name Keller

Footage Location  
330 FNL 990 FEL  
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Red Tiger Drilling Company Geologist Jerry J. Knobel

Spud Date 5-5-78 Total Depth 3925 P.B.T.D. 3725

Date Completed 5-20-78 Oil Purchaser CSO

**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface		8 5/8		273	Common	165	2% gel 3% CC
Production		4 1/2		3903	Common	250	10% salt
DV				1585		275	4% salt
						275	10% salt

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3497-3503

Size	Setting depth	Packer set at

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
250 gal	3905
1000 gal	3925

**INITIAL PRODUCTION**

Date of first production 6-26-78 Producing method (flowing, pumping, gas lift, etc.) Pump

RATE OF PRODUCTION PER 24 HOURS	Oil <u>50 BOPD</u> bbls.	Gas _____ MCF	Water _____ bbls.	Gas-oil ratio _____ CFPB
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Disposition of gas (vented, used on lease or sold) \_\_\_\_\_ Producing interval (s) \_\_\_\_\_

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

9-13-21W

DRILLERS LOG

No. 2 Keller

LOGGING RECORD:	COMPANY: Frontier Oil Company	DESCRIPTION:
5/8" @ 273' 1/165 sx cmt.	CONTRACTOR: Red Tiger Drilling Company	C NW/4 NE/4 NE/4 Sec. 9-T13S-R21W Trego County, Kansas
1/2" @ 3,903' 1/800 sx cmt.	COMMENCED: May 5, 1978	
TOTAL DEPTH: 3,905'	COMPLETED: May 20, 1978	ELEVATION: 2,189' KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Shale	0	280	
Shale & Red Bed	280	1016	
Sand	1016	1295	
Shale	1295	1578	
Anhydrite	1578	1624	
Shale	1624	1850	
Shale w/Lime Streaks	1850	2255	
Shale & Lime	2255	2445	
Shale w/Lime Streaks	2445	2560	
Shale & Lime	2560	2955	
Lime & Shale	2955	3140	
Shale & Lime	3140	3275	
Lime	3275	3905	
RTD		3905	

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 22nd day of May, 1978.

Joyce A. Hagermann  
Notary Public