

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey  
Wichita, Kansas  
R. 21W E  
Twp. 36N R. 21W E  
Sec. 16

API No. 15 — County \_\_\_\_\_ Number \_\_\_\_\_

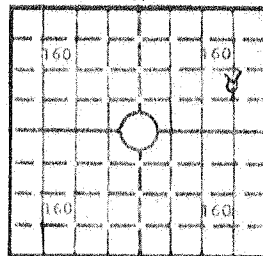
County Trego

Operator  
Frontier Oil Company

640 Acres  
N

Address  
1720 KSB&T Building, Wichita, Kansas 67202

Well No. 7 Lease Name Keller "A" SWD



Footage Location 1650' FNL 660 FEL  
feet from (N) (S) line feet from (E) (W) line

Elev.: Gr. 2184

Principal Contractor Red Tiger Drilling Company Geologist Richard Parker

Start Date 8/31/79 Date Completed 9/5/79 Total Depth 1,585' P.B.T.D. 1450

DF 2186 KB 2189

Directional Deviation Oil and/or Gas Purchaser

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	12 1/4"	8 5/8"		280'	Common	170	3% C.C., 2% Gel
Production	7 7/8"	4 1/2"		1,580'	Common	550	6% Gel & 4% Gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		1300-1320

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	CFPB	
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, 245 No. Water, Wichita, Kansas 67202. 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.

Operator

Frontier Oil Company

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:  
SWDW

Well No.

7

Lease Name

Keller "A"

S 9 T13S R 21W<sup>E</sup><sub>W</sub>

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.

TOP

BOTTOM

NAME

DEPTH

Clay & Shale

0

290

Shale & Red Bed

290

1050

Sand

1050

1280

Shale & Red Bed

1280

1564

Anhydrite

1564

1585

RTD

1585

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

*Doraine G. Starr*  
Signature

Office Manager

Title

October 5, 1979

Date