15-163-20913

State Geological Survey
WICHITA BRANCH

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

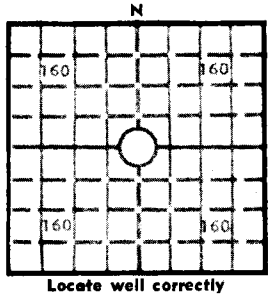
API No. 15 — 163 (County) — 20,913 (Number)

S. 21 T. 9S R. 18W E W

Loc. NW/4 NW/4 NW/4

County Rooks

640 Acres
N



Locate well correctly

Elev.: Gr. 2166

DF 2168 KB 2,171' KB

Operator: Frontier Oil Company

Address: 1720 KSB&T Building, Wichita, Kansas 67202

Well No.: 1 Lease Name: Stahl

Footage Location: 330 FNL (feet from (N) (S) line) 280 FWL (feet from (E) (W) line)

Principal Contractor: Red Tiger Drilling Company Geologist: Richard Parker

Spud Date	Date Completed	Total Depth	P.B.T.D.
May 2, 1979	May 19, 1979	3,592'	

Directional Deviation: Oil and/or Gas Purchaser: NCRA

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"	24#	266'	Common	165	2% Gel, 3% C.C.
Production	7 7/8"	4 1/2"	9.5#	3,588'	Common	150	10% Salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	3575'	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
		Open Hole

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
6-5-79 250 gal 15% INS Acid	3588 - 3592
6-7-79 500 gal 28% INS Acid	3588 - 3592

INITIAL PRODUCTION

Date of first production: 7-9-79

Producing method (flowing, pumping, gas lift, etc.): Swab Test - POP - Pump 15 BOPD

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	17 BO bbls.	-0- MCF	11 BW bbls.	CFPB

Disposition of gas (vented, used on lease or sold):

Producing interval(s): 3588-3592

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.

C-10-1972

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Frontier Oil Company	

Well No.	Lease Name	
1	Stahl	Oil

S 21 T 9S R 18W E/W

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
Surface Clay & Shale	0	270		
Sand & Shale	270	840		
Shale	840	1015		
Sand	1015	1235		
Red Bed & Shale	1235	1502		
Anhydrite	1502	1538		
Shale	1538	1550		
Shale & Red Bed	1550	1869		
Shale & Lime	1869	2019		
Shale & Lime Streaks	2019	2390		
LIme & Shale	2390	3054		
Lime	3054	3592		
RTD		3592		

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

Date Received

Daphne D. Starr
Signature

Office Manager
Title

June 14, 1979
Date

Eb109