

KANSAS

WICHITA BRANCH

WELL COMPLETION REPORT AND DRILLER'S LOG

S. 15 T. 16S R. 17W E
Loc. 50' N of NE/4 NE/4 NE/4
County Rush

API No. 15 — 165 — 20,733
County Number

Operator
Frontier Oil Company

Address
1720 KSB&T Building, Wichita, Kansas 67202

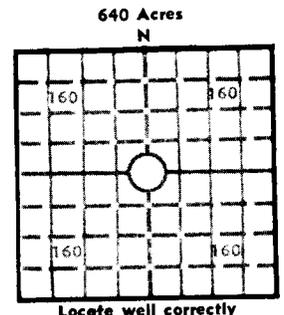
Well No. 8 Lease Name Burgardt "A" (Twin)

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

Principal Contractor Red Tiger Drilling Company Geologist Richard Parker

Spud Date 9/10/79 Date Completed 9/22/79 Total Depth 3,667' P.B.T.D. 3220

Directional Deviation Oil and/or Gas Purchaser Kansas-Nebraska Nat. Gas



Elev.: Gr. _____
DF _____ KB 1,999'

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"	28#	274'	Common	160	2% Gel, 3% C.C.
Production	7 7/8"	4 1/2"	10.5#	3,578'	Common	825	10% Salt, 4% Gel & 6% Gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					3170-76

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	

INITIAL PRODUCTION

Date of first production 11-15-79	Producing method (flowing, pumping, gas lift, etc.) Flow
RATE OF PRODUCTION PER 24 HOURS	Oil 0 bbls. Gas 52 MCF Water 0 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Sold	Producing interval(s) 3170-76

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.:
Well No. 8	Lease Name Burgardt "A" (Twin)	Gas Well
S <u>15</u> T <u>16S</u> R <u>17W</u> ^E / _W		

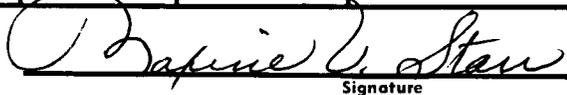
WELL LOG

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	279		
Shale	279	520		
Sand	520	785		
Shale	785	1137		
Anhydrite	1137	1180		
Shale	1180	2100		
Lime & Shale	2100	2465		
Shale & Lime	2465	2645		
Lime & Shale	2645	2821		
Shale & Lime	2821	2884		
Lime & Shale	2884	3080		
Lime	3080	3550		
Lime & Chert	3550	3560		
Lime	3560	3610		
Lime, Chert & Shale	3610	3667		
RTD		3667		

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

Date Received	
	Signature
	Office Manager
	Title
	November 19, 1979
	Date