

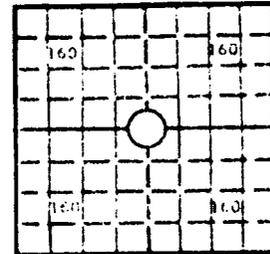
WELL COMPLETION REPORT AND DRILLER'S LOG

S. 32 T. 16S R. 16W E

Loc. C NW/4 NE/4

County Rush

640 Acres



Locate well correctly

Elev.: Gr. _____

DF _____ KB 2,003'

API No. 15 County _____ Number _____

Operator
Frontier Oil Company

Address
1720 KSB&T Building, Wichita, Kansas 67202

Well No. 3 Lease Name Allen "B"

Footage Location 660 FNL 1980 FEL
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Red Tiger Drilling Company Geologist Jerry Knobel

Spud Date 11/5/79 Date Completed 11/19/79 Total Depth 3,589' P.B.T.D. _____

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"	28#	239.89'	Common	160	3% C.C., 2% Ge1

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer set at

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 _____
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.: D & A
Well No. 3	Lease Name Allen "B"	
S <u>32</u> T <u>16S</u> R <u>16WE</u> 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 & Rocks	0	75		
Shale & Hard Sand Streaks	75	198		
Shale	198	246		
Shale & Sand	246	520		
Sand	520	720		
Red Bed	720	1101		
Anhydrite	1101	1131		
Shale	1131	1825		
Shale & Lime	1825	2268		
Lime & Shale	2268	3028		
Lime	3028	3589		
RTD		3589		

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

Date Received	<i>Daphne V. Starr</i>
	Signature
	Office Manager
	Title
	December 10, 1979
	Date