

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 163 — 20,995
 County Number

S. 17 T. 9S R. 18W E
 W
 Loc. SW/4 SW/4 SE/4
 County Rooks

Operator
 Frontier Oil Company

Address
 1720 KSB&T Building, Wichita, Kansas 67202

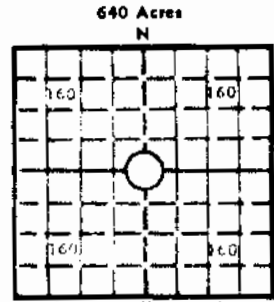
Well No. 4 Lease Name Harrison "A"

Footage Location
 feet from (N) (S) line feet from (E) (W) line

Principal Contractor Red Tiger Drilling Co. Geologist Richard Parker

Spud Date 10/29/79 Date Completed 11/7/79 Total Depth 3,857' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser



Elev.: Gr. _____
 DF _____ KB 2,155'

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#	318'	Common	175	2% Ge1, 3% C.C.

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
	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.:
Capped Well

Well No. 4 Lease Name Harrison "A"

S 17 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
Sand & Shale	0	331		
Shale & Red Bed	331	910		
Shale	910	1026		
Sand	1026	1256		
Shale & Red Bed	1256	1531		
Anhydrite	1531	1565		
Shale	1565	2115		
Shale & Lime	2115	2740		
Lime & Shale	2740	2980		
Lime	2980	3857		
RTD		3857		

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

Date Received

Daphne V. Stau
Signature
Office Manager
December 10, 1979
Date