

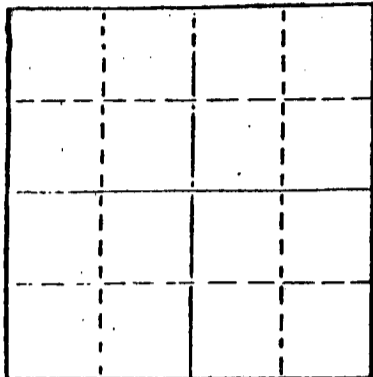
STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Rooks County, Sec. 19 Twp. 10S Rge. 19W E/W
Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines
NW/4 SW/4 NE/4

Lease Owner Frontier Oil Company
Lease Name Berland "A" Well No. 1
Office Address 1720 KSB&T Building, Wichita, Kansas 67202
Character of Well (Completed as Oil, Gas or Dry Hole) _____
D & A



Locate well correctly on above
Section Plot

Date Well completed August 12, 1980
Application for plugging filed August 12, 1980
Application for plugging approved August 12, 1980
Plugging commenced August 13, 1980
Plugging completed August 13, 1980
Reason for abandonment of well or producing formation _____
D & A

If a producing well is abandoned, date of last production 19__

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Leo F. Massey
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3,807'
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	291.89'	-0-

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

- 1st Plug @ 850' w/70 sx cement
- 2nd Plug @ 270' w/25 sx cement
- 3rd Plug @ 40' w/10 sx cement
- 5 sx cement in rathole
- 50-50 Pozmix, 6% Gel

RECEIVED
8-22-80
STATE CORPORATION COMMISSION
AUG 22 1980
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Red Tiger Drilling Company
1720 KSB&T Building, Wichita, Kansas 67202

STATE OF Kansas COUNTY OF Sedgwick
Gloria Fawcett (employee of owner) ~~owner or operator~~

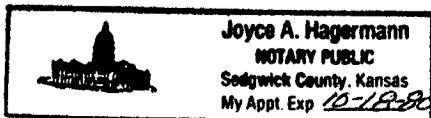
of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Gloria Fawcett
1720 KSB&T Building, Wichita, Kansas 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 19th day of August, 1980.

Joyce A. Hagermann
Notary Public.

My commission expires _____



KANSAS

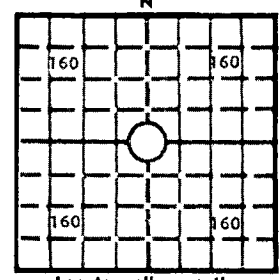
WELL COMPLETION REPORT AND
DRILLER'S LOG

S. 19 T. 10S R. 19W E
W
Loc. NW/4 SW/4 NE/4

API No. 15 — 163 — 21,135
County Number

County Rooks

640 Acres
N



Locate well correctly

Elev.: Gr. _____
DF _____ KB 2,232'

Operator
Frontier Oil Company

Address
1720 KSB&T Building, Wichita, Kansas 67202

Well No. 1 Lease Name Berland "A"

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

Principal Contractor Red Tiger Drilling Company Geologist Richard Parker

Spud Date 8/2/80 Date Completed 8/13/80 Total Depth 3,807' 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#	299'	Common	190	2% Gel, 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 _____ bbls. Gas _____ MCF Water _____ bbls. CFPB _____

Disposition of gas (vented, used on lease or sold) _____ Producing interval(s) _____

RECEIVED
STATE CORPORATION COMMISSION
AUG 22 1980
CONSERVATION DIVISION
Wichita, Kansas

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.

1

Lease Name

Berland "A"

S 19 T 10S R 19W 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	0	60		
Shale & Sand	60	1567		
Shale	1567	1625		
Anhydrite	1625	1666		
Shale & Red Bed	1666	2217		
Shale & Lime	2217	2390		
Lime & Shale	2390	2778		
Shale & Lime	2778	2890		
Lime	2890	3757		
Chert	3757	3802		
Lime	3802	3807		
RTD		3807		

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

Date Received

Signature

Title

Date