

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5140
 name Frontier Oil Company
 address 125 N. Market, Ste. 1720
 Wichita, Ks. 67202
 City/State/Zip

Operator Contact Person Jean Angle
 Phone 316-263-1201

Contractor: license # 5302
 name Red Tiger Drilling Company

Wellsite Geologist Joel Alberts
 Phone 316-263-1201

PURCHASER N/A

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
 Well Name
 Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

9-10-84 9-19-84 9-19-84
 Spud Date Date Reached TD Completion Date

3838' N/A
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 580' feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
 from feet depth to w/ SX cmt

API NO. 15-165-21,257-00-00

County Rush

SE SE NW Sec 21 Twp 17S Rge 18W East West
 (location)

2970' Ft North from Southeast Corner of Section
 2970' Ft West from Southeast Corner of Section
 (Note: locate well in section plat below)

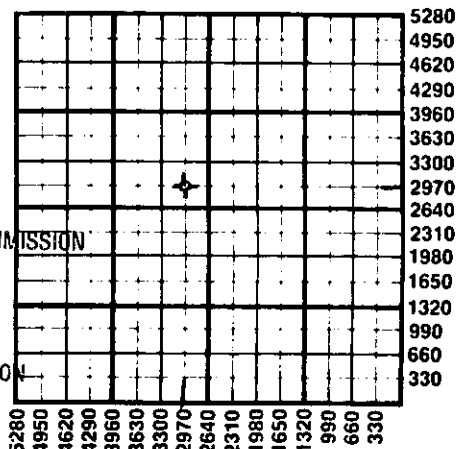
Lease Name Koci "B" Well# 1

Field Name (Wildcat)

Producing Formation N/A

Elevation: Ground 2123' KB 2128'

Section Plat



RECEIVED
 10-17-1984
 OCT 17
 STATE CORPORATION COMMISSION
 CONSERVATION DIVISION
 Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water: Leroy Collins, Nekoma, Ks.

Division of Water Resources Permit # 37380

☒ Groundwater. SW 1/4 Ft North From Southeast Corner and
 (Well) Ft. West From Southeast Corner of
 Sec 21 Twp 18S Rge 18 ☐ East ☒ West

☐ Surface Water. Ft North From Southeast Corner and
 (Stream, Pond etc.) Ft West From Southeast Corner
 Sec Twp Rge ☐ East ☐ West

☐ Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: N/A ☐ Disposal
☐ Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Jean Angle

Title Agent Date

Subscribed and sworn to before me this 16th day of October 19 84

Notary Public Stella Sewell

Date: Commission Expires June 24, 1988

K.C.C. OFFICE USE ONLY		
F	☐	Letter of Confidentiality Attached
C	☐	Wireline Log Received
C	☐	Drillers Timelog Received
Distribution		
☒	KCC	☐ SWD/Rep
☒	KGS	☐ Plug
		☐ NGPA
		☐ Other (Specify)

Form ACO-1 (7-84)

Sec. 21 Twp. 17S Rge. 18W

Operator Name Frontier Oil Company Lease Name Koci "B" Well# 1 SEC 21 TWP 17S RGE 18W ☐ East ☐ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken
Samples Sent to Geological Survey
Cores Taken

☒ Yes ☐ No
☒ Yes ☐ No
☐ Yes ☒ No

Formation Description
☐ Log ☒ Sample

DST 1 (3788-3805) 30-30-30-30 1st op wk blo 8"
2nd op no blo fl tool no help.
Rec. 10' M. IF 14-14 FF 14-14 ISI 14 FSI 14.

DST 2 (3790-3823) 30-30-30-30 Rec 10'M. 1st op wk blo
IF 14-14 FF 16-16 ISI 69 FSI 39. 2nd op no blo.

DST 3 (3791-3838) 30-30-30-30 1st op wk blo 18"
2nd op no blo fl tool no help. Rec 10'M.
IF 19-19 FF 26-26 ISI 88 FSI 59.

Plugged.

Name	Top	Base
Anhydrite	1266	(+ 862)
Herrington	2059	(+ 69)
Winfield	2097	(+ 31)
Brownville	2800	(- 672)
Tarkio	2914	(- 786)
Elmont	2968	(- 840)
Howard	3098	(- 970)
Topeka	3156	(-1028)
Heebner	3411	(-1283)
Toronto	3429	(-1301)
Lansing	3461	(-1333)
Base KC	3724	(-1596)
Marmaton	3758	(-1630)
Sand	3801	(-1673)
Reagan	3816	(-1688)
Granite Wash	3830	(-1702)
RTD	3838	(-1710)

CASING RECORD

☒ new ☐ used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (In O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12-1/4"	8-5/8"	18#	588'	60-40 Poz.	275	2% gel 3% cc

N/A

PERFORATION RECORD

shots per foot specify footage of each interval perforated

N/A

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used) Depth

TUBING RECORD

size N/A

set at

packer at

Liner Run

☐ Yes☐ No

Date of First Production

N/A

Producing method

☐ flowing☐ pumping☐ gas lift☐ Other (explain)

Estimated Production Per 24 Hours

Oil

Gas

Water

Gas-Oil Ratio

Gravity

Bbls

MCF

Bbls

CFPB

N/A

METHOD OF COMPLETION

☐ open hole☐ perforation☐ other (specify)☐ Dually Completed.☐ Commingled

PRODUCTION INTERVAL

Disposition of gas: ☐ vented☐ sold☐ used on lease