SIDE ONE

cc: American Penn Energy/Beaverhead Resources

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL 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
City/State/Zip Wichita, Ks. 67202

Operator Contact Person Jean Angle
Phone 316-263-1201

Contractor: license # 5302
name Red Tiger Drilling Company

Wellsite Geologist Steven D. Angle
Phone 913-628-2586
PURCHASER Koch Oil Company

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

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

If **WO:** old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

09-04-84	09-16-84	10-25-84
Spud Date	Date Reached TD	Completion Date

3460'	3420'
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 852.49' @ 860' 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 - 009-23,686

County Barton

NW NW NE Sec 23 Twp 19S Rge 15W ☐ East ☐ West
(location)

4950 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

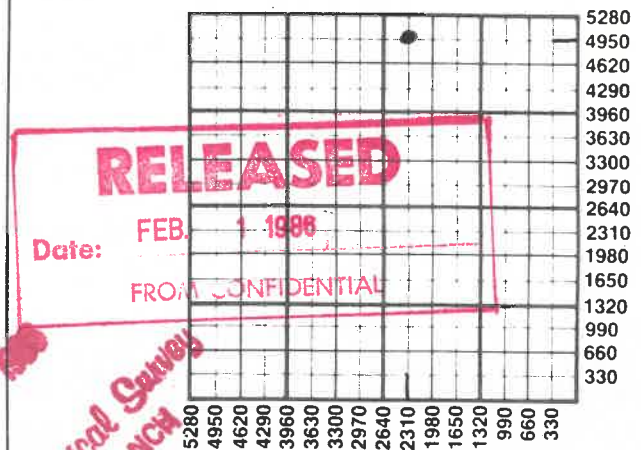
Lease Name Button "A" Well# 3

Field Name Breeden East

Producing Formation Lansing-KC

Elevation: Ground 1917' KB 1922'

Section Plat



RELEASED
Date: FEB 1 1986
FROM CONFIDENTIAL

FEB 07 1986
State Geological Survey
WICHITA BRANCH

☒ **WATER SUPPLY INFORMATION**

Source of Water: Robert Leroy, Great Bend, Ks.
Division of Water Resources Permit #

☐ Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge ☐ East ☐ West

☒ Surface Water 1900 Ft North From Sourtheast Corner and
(~~Stream~~, Pond etc.) 4000 Ft West From Southeast Corner
Sec 20 Twp 19 Rge 14 ☐ East ☒ West

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

Disposition of Produced Water: ☒ Disposal ☐ Repressuring

Docket # D-21,544

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.

CONFIDENTIAL SIDE TWO

Operator Name Frontier Oil Company Lease Name Button A Well# 3 SEC 23 TWP 19S RGE 15W ☐ We

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	☒ Yes	☐ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No

DST 1 (2182-2230) 60-30-60-30 GTS 1st op 20", 25"= 137,000, 35"=195,000, 45"=195,000, 55"&60"=242,000 2nd op 15"-385,000, 30" 45" & 60"-301,000. Rec 385' GW IF 95-104 FF 114-133 ISI 718 FSI 699

DST 2 (2295-2350) 60-30-60-30 Rec 245' MW w/f sp O IF 47-104 FF 114-152 ISI 680 FSI 660 strg blo TO

DST 3 straddle (2097-2144) 60-30-60-30 Rec 150' WM IF57-57 FF 114-104 ISI 1155 FSI 219 Strg blo.

DST 4 straddle (1723-1820) 60-30-60-30 Rec 165' WM IF 66-104 FF 114-124 ISI 276 FSI 257 strg blo

DST 5 (3204-3232) 30-30-15-30 Rec 3'M IF 38-28 FF 19-19 ISI 38 FSI 19

DST 6 (3220-3271) 60-30-60-30 strg blo GTS 2nd op TSTM Rec 35' GOCM 60' Frthy MO, 1089' Frthy O IF 104-305 FF 372-467 ISI 951 FSI 932

DST 7 (3252-3271) 60-30-60-30 strg blo GTS 55" TSTM 1st op. Strg blo TO 2nd op. Rec 1310' Cl Gsy O IF 104-257 FF 286-419 ISI 951 FSI 932

DST 8 (3271-3281) 60-30-60-30 strg blo both ops Rec 500'W IF 38-124 FF 162-248 ISI 1126 FSI 1126

DST 9 (3324-3345) 60-30-60-30 strg blo both ops Rec 900' GIP 20' OCM. 60' MCGO, 120' Frthy O IF 57-66 FF 85-95 ISI 143 FSI 171

Formation Description
☐ Log ☒ Sample

Name	Top	Bottom
Anhydrite	854	(+1068)
Herrington	1759	(+ 163)
Fort Riley	1911	(+ 11)
Council Grove	2094	(- 172)
Cottonwood	2197	(- 275)
Red Eagle	2311	(-)
Brownville	2479	(- 557)
Tarkio	2598	(- 676)
Elmont	2656	(- 734)
Topeka	2870	(- 948)
Heebner	3119	(-1)
Toronto	3131	(-1209)
Brown Lime	3197	(-1275)
Lansing	3213	(-1291)
Base KC	3418	(-1496)
Quartz	3440	(-1 8)
RTD	3460	(-1 8)

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"	24#	860'	60-40 Poz	375	2% gel 3% cc

PERFORATION RECORD

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
4	3210' to 3216'	500 gal, 15% regular acid	3210-3216'
4	3222' to 3226'	" " " " "	3222-3226
4	3330' to 3336'	" " " " "	3330-3336
4	3350' to 3357'	" " " " "	3350-3357'
4	3384' to 3390'	" " " " "	3384-3390

CONFIDENTIAL

SIDE TWO (Page Two) ACO-1 WELL HISTORY

OPERATOR Frontier Oil Company LEASE NAME Button "A" # 3 SEC. 23 TWP. 19S RGE. 15W

FILL IN WELL LOG AS REQUIRED:

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
DST 10 (3345-3364) 60-30-60-30 strg blo both ops Rec 60' SOCWM IF 19-28 FF 38-38 ISI 181 FSI 181 DST 11 (3306-3364) 60-30-60-30 1st op wk blo to gd dec to fr 2nd op wk blo to fr. Rec 300' SO&GCM IF 76-104 FF 143-200 ISI 190 FSI 229 DST 12 (3364-3382) 30-30-30-30 Rec 10'M 1st op vy wk blo IF 19-19 ISI 28 FSI 28 2nd op no blo. DST 13 (3415-3460) 60-30-60-30 GTS 1st op 12", 20" = 5,220; 30" = 6,330; 40", 50", 60" = 6,550. 2nd op 10" & 20" = 8,950; 30" & 40" = 11,020; 50" & 60" = 8,950. Rec 80' SGM w/f sp O IF 47-47 FF 57-57 ISI 757 FSI 777 RTD 3460'				

FEB 07 1985
State Geological Survey
WICHITA BRANCH

TUBING RECORD size 2-3/8" set at 3402' packer at N/A Liner Run ☐ Yes ☒ No

Date of First Production	Producing method					
10-25-84	☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity	
	Approx. 28 Bbls	-0- MCF	40 Bbls	N/A CFPB	Approx. 33°	

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

METHOD OF COMPLETION ☐ open hole ☒ perforation ☐ other (specify) .....

PRODUCTION INTERVAL ...(see above perforations)