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 (None)
Phone

PURCHASER Northern Gas Products Company

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

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

WWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

Spud Date	Date Reached TD	Completion Date
09-16-84	09-21-84	11-6-84

Total Depth	PBTD
3505'	2310'

Amount of Surface Pipe Set and Cemented at 285.10' @ 292' feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If Yes, Show Depth Set 2386' feet

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

API NO. 15 - 009-23,714

County Barton

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

4950 Ft North from Southeast Corner of Section
2295 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

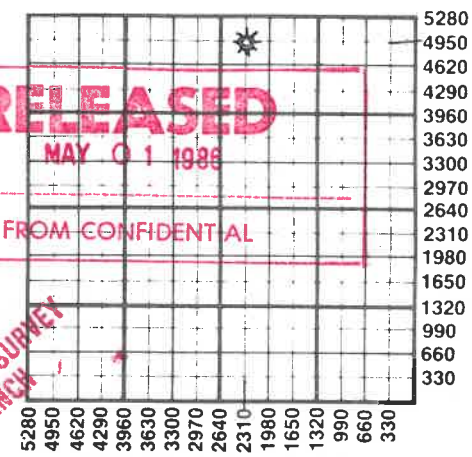
Lease Name Button "A" (Twin) Well# 4

Field Name Breeden East

Producing Formation Cottonwood

Elevation: Ground 1917' KB 1922'

Section Plat



RELEASED
MAY 01 1986
Date:
FROM CONFIDENTIAL

MAY 30 1986
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

WATER SUPPLY INFORMATION

Source of Water: Robert Leroy, Great Bend, Ks.

Division of Water Resources Permit #

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

☒ Surface Water 1900 Ft North From Sourtheast Corner and
~~Stream~~, Pond ~~xxx~~ 4000 Ft West From Southeast Corner
Sec 20 Twp 19S 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.

...uirements of the statutes, rules, and regulations ...

SIDE TWO (Twin)

Operator Name Frontier Oil Company Lease Name Button "A" Well# 4 SEC 23 TWP 19S RGE 15W ☐ 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	☐ Yes	☒ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No

Formation Description
☐ Log ☒ Sample

Name	Top	Bottom
Anhydrite	854	(+1068)

TUBING RECORD size 2-3/8" set at 2210' packer at | Liner Run ☐ Yes ☒ No

Date of First Production: 11-6-84

Producing method: ☒ flowing ☐ pumping ☐ gas lift ☐ Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	-0- Bbls	160 MCF	1 Bbls	N/A CFPB	

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

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

PRODUCTION INTERVAL
2200' to 2204'

CONFIDENTIAL

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"	20#	292'	60-40 Poz	165	2% gel 3% cc
Production	7-7/8"	4-1/2"	10-1/2#	3501'	Common	150	10% Salt
DV	"	"	"	2386'	Common	200	10% Salt

PERFORATION RECORD

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
2	865' (Squeeze w/400 sx 50/50 Poz 59 1500#-)		
4	2200' to 2204'	500 gal 15% Regular acid	2200-2204'
4	3130' to 3136'	500 gal 15% Regular	3130-3136'
4	3444' to 3450'	500 gal 7½% mud acid	
"	3458' to 3464'		

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SIDE TWO (Twin)

Operator Name Frontier Oil Company Lease Name Button "A" Well# 4 SEC 23 TWP. 19S RGE. 15W ☐ 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	☐ Yes	☒ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No

Formation Description
☐ Log ☒ Sample

Name	Top	Bottom
Anhydrite	854	(+1068)

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RELEASED
Date: MAY 1 1986
FROM CONFIDENTIAL

APR - 1 1985
State Geological Survey
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION
FEB 7 1985
CONSERVATION DIVISION
Wichita, Kansas

The #4 Button "A" was not Drill Stem Tested and no geological report was written, since this is a TWIN well (15'East) to the #3 Button "A".

The #3 Button "A" geological report is, therefore, enclosed for your information.

JUN 0 6 1986
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

CASING RECORD ☒ new ☐ used
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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
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shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
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"	3458' to 3464'		

TUBING RECORD size 2-3/8" set at 2210' packer at				Liner Run ☐ Yes ☒ No
Date of First Production 11-6-84	Producing method ☒ flowing ☐ pumping ☐ gas lift ☐ Other (explain)			
Estimated Production Per 24 Hours	Oil -0- Bbls	Gas 160 MCF	Water 1 Bbls	Gas-Oil Ratio N/A CFPB	Gravity

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

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

PRODUCTION INTERVAL
2200' to 2204'

CONFIDENTIAL