

RELEASED

JUN 1 1989

Date: STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
FROM CONFIDENTIAL
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
..... Wichita, Kansas .. 67202
City/State/Zip ..

Purchaser .. Koch
..... Wichita, Kansas ..

Operator Contact Person .. Jean Angle
Phone .. 316-263-1201

Contractor: License # 5302
Name .. Red Tiger Drilling Co.

Wellsite Geologist .. Richard D. Parker
Phone .. 913-483-5348

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

If OWD: old well info as follows:

Operator ..
Well Name ..
Comp. Date .. Old Total Depth ..

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

.. 3-25-88 .. 4-03-88 .. 4-04-88 ..
Spud Date Date Reached TD Completion Date

.. 3748 .. N/A ..
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at .. 1105 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
Cement Company Name ..
Invoice # ..

SIDE ONE

API NO. 15-165-21,409

County .. Rush

SW. SE. SW. LAIT 19. 18. Rge. 17. East
West

.. 330 .. Ft North from Southeast Corner of Section
.. 3630 .. Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

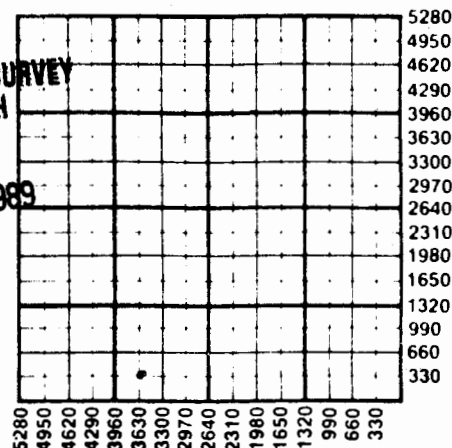
Lease Name .. Seuser .. Well # .. 3 ..

Field Name .. Unnamed

Producing Formation .. ARB

Elevation: Ground .. 1982 .. 1987 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
Docket # .. ☐ Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: Mr. Lester Seuser, Timken, KS
Division of Water Resources Permit # .. N/A ..

☒ Groundwater .. 900 .. Ft North from Southeast Corner
(Well) .. 3500 .. Ft West from Southeast Corner of
Sec 19 Twp 18 Rge 17 East ☒ West

☐ Surface Water .. Ft North from Southeast Corner
(Stream, pond etc) .. Ft West from Southeast Corner
Sec Twp Rge East West

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

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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-111 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

RECEIVED
STATE CORPORATION COMMISSION

MAY 06 1988

SIDE TWO

Operator Name Frontier Oil Company Lease Name Seuser Well # 3

Sec. 19 Twp. 18 Rge. 17W. ☐ East ☐ West County Rush**CONFIDENTIAL**

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.

No Log run

Drill Stem Tests Taken ☒ Yes ☐ No
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☐ Yes ☒ No

Formation Description
☐ Log ☒ Sample

DST#1 (3662-3743) 30-30-30-30 1st op - wk blo
 for 20" 2nd op - no blo flushed tool - no help
 Rec. 10' M IF & FF 41-54 ISIP 353 FSIP 176

DST#2 (3662-3748) 60-30-60-30 1st op - strong
 blo, 2nd op - strong blo. Rec. 992' fluid
 (124' GIP, 186' COO, 319' HOCM, 186' frothy O,
 310' SOCSW IF 103-321 FF 363-425
 ISIP & FSIP 1174

Name	Top	Bottom
Anhydrite	1097	+ 890
Topeka	3057	-1070
Heebner	3302	-1315
Toronto	3321	-1334
Lansing-Kansas City	3358	-1371
Base of Kansas City	3610	-1623
Cherty Conglomerate	3692	-1705
Arbuckle	3739	-1752
RTD	3748	-1761

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	40 BOPD	N/A	40 BWPD		42
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☒ Open Hole ☐ Perforation
☐ Sold ☐ Other (Specify)

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 1/2"	8 5/8"	20#	1105	60-40poz	400	2% gel, 3% c.c.
Production	7-7/8"	4 1/2"	10 1/2#	3743	com	150	10% salt, 5% gel

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used)

Depth

.....							
.....							
.....							
.....							

TUBING RECORD

Size

Set At

Packer at

Liner Run

☐ Yes ☐ No

2-3/8"

2014

N/A

N/A

Date of First Production Producing Method

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

4-26-88