

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.....
NameFrontier Oil Company.....
Address 125 N. Market, Ste. 1720.....
.....Wichita, Kansas 67202.....
City/State/Zip

Purchaser..N/A.....
.....

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

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

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 ONWD: old well info as follows:

Operator
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

5-4-88 5-17-88 5-17-88
Spud Date Date Reached TD Completion Date
5085 N/A
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 444 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 #

API NO. 15-...069-20,229.....

County..Gray.....

..C..NW..SE.... Sec. 8.. Twp 25..Rge.. 29. ☒ East
West

..1980.... Ft North from Southeast Corner of Section
..1980.... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

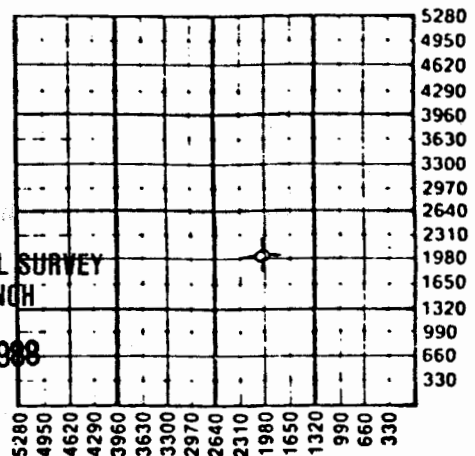
Lease Name....Hufford.....Well #...1....

Field Name.....WC.....

Producing Formation.....N/A.....

Elevation: Ground..2816.....KB...2821.....

Section Plat



KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

JUL 05 1988

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: 88-228
Division of Water Resources Permit #.....

☒ Groundwater 2050..Ft North from Southeast Corner
(Well) ..1950..Ft West from Southeast Corner of
Sec 8 Twp 25 Rge 29 ~~XXXXXX~~ ☒ 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.

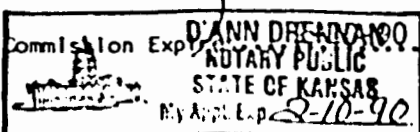
Information on slide two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 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.

SignatureJean Angle.....
Agent Date 6-17-88.....

Subscribed and sworn to before me this 17th day of June.....
in 88.....
ary Public.....

Date Commission Expires.....



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

Operator Name Frontier Oil Company Lease Name..... Hufford Well #..... 1

Sec..... 8 Twp..... 25S Rge..... 29W ☐ East
☒ West County..... Gray.....

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

ST #1 (4850-4887) 30-45-30-34 Rec. 5' M
 F 10-10 FF 41-41 ISIP & FSIP 51
 ST #2 (4850-4910) 30-45-30-45. Rec. 5' M IF 20-20
 F 31-41 ISIP 72 FSP 51
 ST #3 (4908-30) 30-45-30-45 Rec. 5' M w/oil spots
 F 40-40 FF 60-50 ISIP 1196 FSIP 990

Name	Top	Bottom
Anhydrite	1827	+ 994
Heebner	4116	-1295
Toronto	4129	-1308
Lansing Kansas City	4206	-1385
Base of Kansas City	4635	-1814
Pawnee	4719	-1898
Fort Scott	4748	-1927
Cherokee Shale	4762	-1941
Morrow	4866	-2045
St. Genevieve	4904	-2083
St. Louis	4913	-2092
Spergen	5066	-2245
RTD	5085	-2264

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 1/2	444	Com Lite	75 sx 150' sx	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
N/A			

TUBING RECORD

Size Set At Packer at Liner Run ☐ Yes ☐ No

N/A				
Date of First Production	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....			
N/A				
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio Gravity
N/A	Bbls	MCF	Bbls	CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☐ Perforation
☐ Sold ☐ Other (Specify)
☐ Used on Lease ☐ Dually Completed
☐ Commingled