

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

S

API NO. 15-179-20,875-0000

County...Sheridan...  
100' NE of East  
SW.. SE.. SW.. Sec..6. Twp10..Rge..27. X West

Operator: License # 5140  
Name .Frontier Oil Company  
Address .125 N. Market, Ste. 1720  
Wichita, Kansas. 67202  
City/State/Zip

400  
3560 Ft North from Southeast Corner of Section  
Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser...N/A

Lease Name...Heier...Well #...1..

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

Field Name...WC

Contractor: License # 5302  
Name .Red Tiger Drilling Co

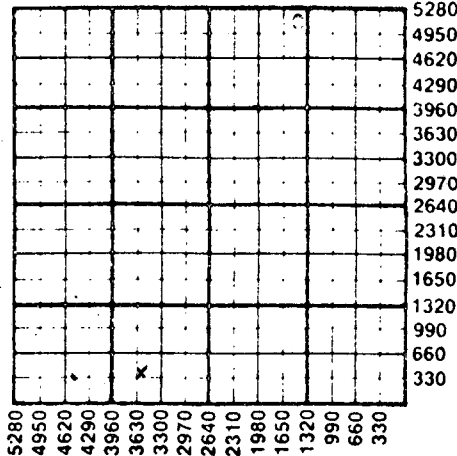
Producing Formation...N/A

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

Elevation: Ground...2656...KB...2661

Designate Type of Completion  
X New Well Re-Entry Workover  
Oil SWD Temp Abd  
Gas Inj Delayed Comp.  
X Dry Other (Core, Water Supply etc.)

Section Plat



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

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

WELL HISTORY

Drilling Method:  
X Mud Rotary Air Rotary Cable

9-18-86 9-23-86 9-24-86  
Spud Date Date Reached TD Completion Date  
4087 N/A  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 210 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set...feet  
If alternate 2 completion, cement circulated  
from...feet depth to...w/...SX cmt  
Cement Company Name  
Invoice #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit #  
Groundwater...Ft North from Southeast Corner  
(Well) ...Ft West from Southeast Corner of  
Sec Twp Rge East West  
X Surface Water. 800 Ft North from Southeast Corner  
(Stream, pond etc) 5000 Ft West from Southeast Corner  
Sec 20 Twp 10 Rge 27 East X West  
Other (explain)  
(purchased from city, R.W.D. #)

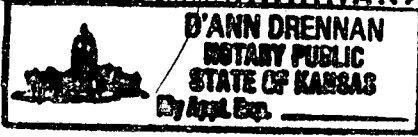
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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-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 10/9/86

Subscribed and sworn to before me this 9th day of October 1986  
Notary Public...*D. Ann Drennan*  
Date Commission Expires 2-10-90

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



10-14-86  
OCT 14 1986

Sec. 6 Twp. 10 Rge. 27 W

Operator Name Frontier Oil Company Lease Name Heier Well # 1

Sec. 6 Twp. 10S Rge. 27W County Sheridan

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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 [X] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No

Formation Description [ ] Log [X] Sample

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, Howard, Topeka, Heebner, Toronto, Lansing Kansas City, Base Kansas City, RTD.

RELEASED

NOV 17 1987

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CASING RECORD [X] New [ ] Used

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

Table with 8 columns: 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. Row 1: Surface, 12 1/2", 8-5/8", 20#, 210, 60-40 poz., 150, 2% gel, 3% c.c.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table with 3 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, (Amount and Kind of Material Used), Depth.

TUBING RECORD Size Set At Packer at Liner Run [ ] Yes [ ] No

Date of First Production Producing Method [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain)

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row 1: Estimated Production Per 24 Hours, Bbls, MCF, Bbls, CFPB.

METHOD OF COMPLETION

Production Interval

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

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