

**RELEASED**

Date: JUN 1 1987  
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, Ks. 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...Steven D. Angle.....  
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 OWWO: old well info as follows:  
Operator .....,  
Well Name .....,  
Comp. Date .....Old Total Depth.....

WELL HISTORY

Drilling Method:  
 Mud Rotary     Air Rotary     Cable

..1-24-86... ..2-3-86... ..2-4-86...  
Spud Date      Date Reached TD      Completion Date

..4225'..... ..N/A.....  
Total Depth      PBD

Amount of Surface Pipe Set and Cemented at 248 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

S SIDE ONE

51487  
3-10-29W

API NO. 15-179-20,860.....  
County.....Sheridan.....  
NE NW SW Sec. 3 Twp. 10S Rge. 29  East  West

.....2310... Ft North from Southeast Corner of Section  
.....4290... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

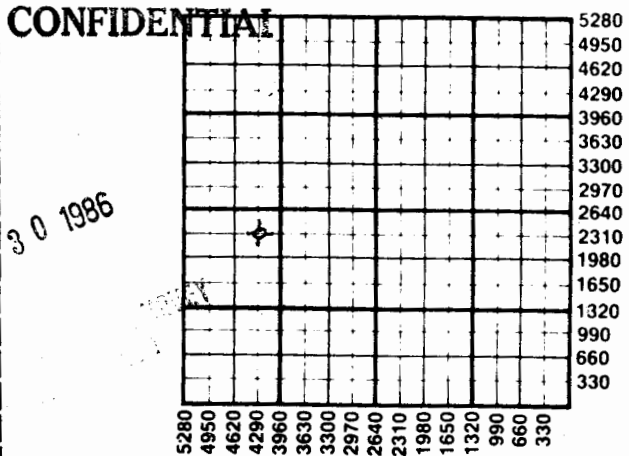
Lease Name.....Krannawitter.....Well #.1.....

Field Name.....W.C.C. South.....

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

Elevation: Ground.....KB...2839'.....

Section Plat



APR 30 1986

WATER SUPPLY INFORMATION

Disposition of Produced Water: N/A  Disposal  
Docket # .....  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water: E. Krannawitter, Grainfield, Ks.  
Division of Water Resources Permit #...Unknown....

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
SE/4 Sec 4 Twp 10SRge 29  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 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. Rule 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.

WPS-01-E

SIDE TWO

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

Sec...3... Twp.10S... Rge..29W... East West County...Sheridan...

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. NOT LOGGED.

Drill Stem Tests Taken [X] Yes [ ] No
Samples Sent to Geological Survey [x] Yes [ ] No
Cores Taken [ ] Yes [x] No

Formation Description
[ ] Log [x] Sample

DST 1 (3600-47) 60-30-60-30. Very wk blo TO. Rec. 250' MSW IF 32-74 FF 105-107 ISIP 1104 FSIP 1073.

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

DST 2 (3748-90) 60-30-60-30. Strg blo TO. Rec 2000' SW IF 11-734 FF 784-992 ISIP 1062 FSIP 1061.

DST 3 (3982-4002) 20-30-20-30 1st op wk blo 20" 2nd op no blo fl tool no help. IF 47-47 FF 70-70 ISIP & FSIP 491.

DST #4 (4000-4048) 60-30-60-30 gd blo in bucket 2nd op wk to fair blo. Rec. 360'M w/few spots Oil, 810' sulphur wtr. IF 70-374 FF 387-616 ISIP 1296 FSIP 1256.

DST 5 (4135-65) 60-30-60-30 strg blo in bucket in 1" dim to fair blo. 2nd op wk blo. Rec 1708' GIP 75' clean oil, 150 VHOCM (continued....)

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.

PERFORATION RECORD N/A. Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth.

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

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SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Frontier Oil Company LEASE NAME Krannawitter\* 1 SEC.3 TWP.10S RGE. 29W

**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
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DST 5 (Continued...)  
IF 68-84 FF 96-105 ISIP 105  
FSIP 106.

DST 6 (4187-4255) 30-30-30-30  
Rec 60' SOCM IF 35-35 FF 47-47  
ISIP 1287 FSIP 1133.

RTD 4225'

Plugged.

CONFIDENTIAL

APR 20 1986

RECEIVED  
STATE CORPORATION COMMISSION

APR 25 1986

CONSERVATION DIVISION  
Wichita, Kansas

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