

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
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 Steve 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

API NO. 15-179-20,860-00-00

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)

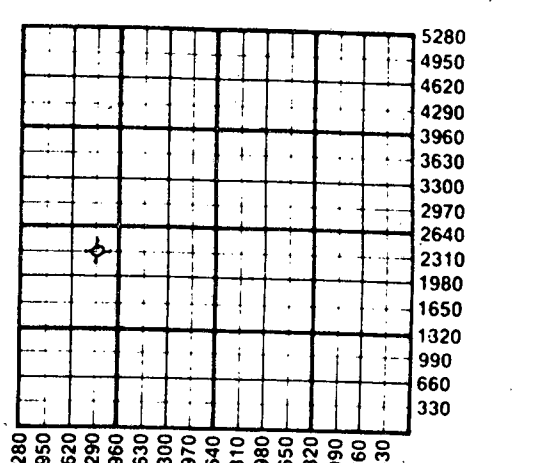
Lease Name Krannawitter Well # 1

Field Name W.C.C. South

Producing Formation N/A

Elevation: Ground KB 2839'

Section Plat



WATER SUPPLY INFORMATION
Disposition of Produced Water: N/A Disposal Repressuring
Docket #

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 10S Rge 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. 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 4-23-86

Subscribed and sworn to before me this 23 day of April 1986
Notary Public Jean Dollan

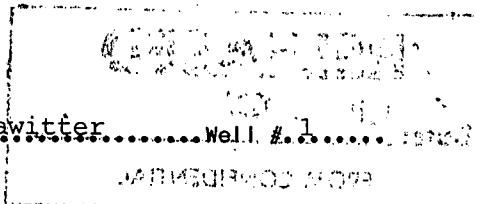
K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Notary Commission Expires
JEAN HOLLAR
State of Kansas
My Appt. Exp.

APR 25 1986
04-26-1986
Wichita, Kansas

Sec 3 Twp 10S Rge 29

15-179-20860-00-05 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...)

RELEASED

JUN 11 1987

FROM CONFIDENTIAL

Form sections: CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method, Estimated Production.

METHOD OF COMPLETION

Production Interval

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

[] Dually Completed [] Commingled

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
<p>DST 5 (Continued...) IF 68-84 FF 96-105 ISIP 105 FSIP 106.</p> <p>DST 6 (4187-4255) 30-30-30-30 Rec 60' SOCM IF 35-35 FF 47-47 ISIP 1287 FSIP 1133.</p> <p>RTD 4225'</p> <p>Plugged.</p>				

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APR 30 1986

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RELEASED

JUN 11 1987

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RECEIVED
STATE CORPORATION COMMISSION

APR 25 1986

CONSERVATION DIVISION
Wichita, Kansas

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