

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

Operator Contact Person Jean Angle  
Phone 316-263-1201

Contractor: license # 5302  
name Red Tiger Drilling Company

Wellsite Geologist Steven D. Angle  
Phone 913-628-2586

PURCHASER N/A

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

7-5-84 7-14-84 7-14-84  
Spud Date Date Reached TD Completion Date  
3790' N/A  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 587' 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. 15-165-21,231-00-00

County Rush

NE SW NE Sec. 20 Twp 17S Rge 18W

3630' Ft North from Southeast Corner of Sect  
1650' Ft West from Southeast Corner of Sect  
(Note: locate well in section plat below)

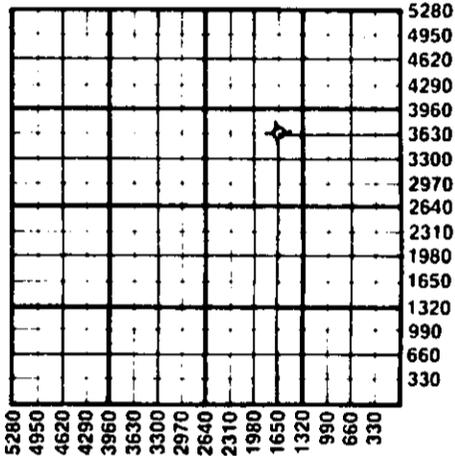
Lease Name Herrman "B" Well # 1

Field Name (Wildcat)

Producing Formation N/A

Elevation: Ground 2112' KB 2117'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner (Well) Ft West From Southeast Corner  
Sec Twp Rge East West

Surface Water Ft North From Southeast Corner (Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge East West

Other (explain) Larry Collins, Nekoma, Ks.  
(purchased from city. R.W.D.#)

Disposition of Produced Water: N/A Disposal Repressuring

Docket #

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. Rules 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 82-3-11 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 statement herein are complete and correct to the best of my knowledge.

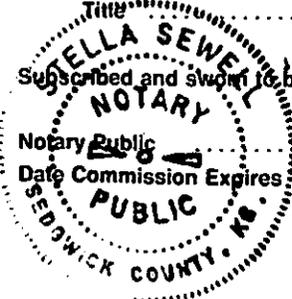
Signature Jean Angle Agent Date 8-2-84

Subscribed and sworn to before me this 2nd day of August 1984

Notary Public Stella Sewell Date Commission Expires June 24, 1988

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)

RECEIVED AUG 05 1984 08-06-1984 CONSERVATION DIVISION Wichita, Kansas



Sec. 20 Twp. 17S Rge. 18W

WELL LOG 15-145-21231-00-00

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 LOGS RUN.

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

Formation Description
[ ] Log [X] Sample

DST 1 (3122-3170) 60-30-60-30 Rec 510' MW IF 93-186
FF 207-270 ISI 994 FSI 973.

DST 2 (3728-3790) 60-30-30-30 1st op wk blo 2nd op
dd flush tool no help. Rec. 64' M w/spk O. IF 62-62
FF 83-83 ISI 1143 FSI 1143.

RTD 3790'

P&A

Table with 3 columns: Name, Top, and Elevation. Rows include Anhydrite, Herrington, Winfield, Cottonwood, Brownville, Tarkio, Topeka, Heebner, Toronto, Lansing, Base Kansas City, Marmaton, Granite Wash, and RTD.

RELEASED
AUG 12 1985
FROM CONFIDENTIAL

CASING RECORD, PERFORATION RECORD, TUBING RECORD, and production data section. Includes fields for Purpose of string, size hole drilled, size casing set, weight lbs/ft, setting depth, type of cement, # sacks used, type and percent additives, etc.

Disposition of gas: [ ] vented [ ] sold [ ] used on lease

METHOD OF COMPLETION
[ ] open hole [ ] other (specify)
[ ] Dually Completed. [ ] Commingled

CONFIDENTIAL

PRODUCTION INTERVAL