

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. Parker  
Phone 913-625-4076

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  
6-25-84 7-6-84 7-6-84  
Spud Date Date Reached TD Completion Date

3519' N/A  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 250.83' 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. 15-165-21,230-0000  
County Rush  
SE SW NE Sec 34 Twp 17S Rge 16W

2970' Ft North from Southeast Corner of Sec  
1650' Ft West from Southeast Corner of Sec  
(Note: locate well in section plat below)

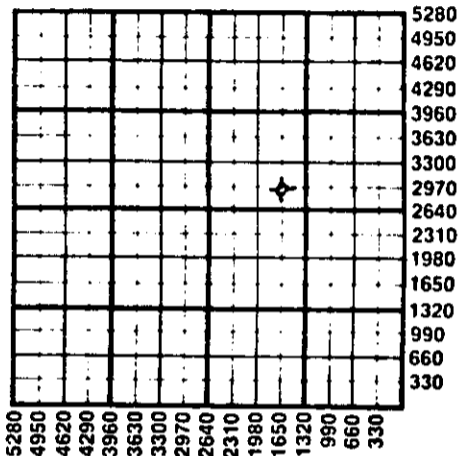
Lease Name Brack "A" Well# 4

Field Name Reichel East

Producing Formation N/A

Elevation: Ground 1984 KB 1989

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) Purchased/Adolph Schrott, Albert, (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

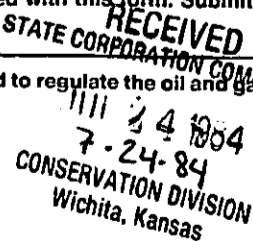
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

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 82-3-10 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.

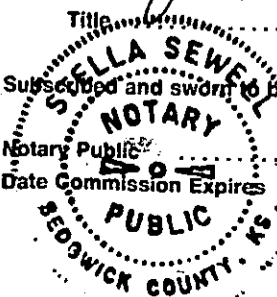
Signature Jean Angle



Date 7-18-84

Title  
Subscribed and sworn to before me this 18th day of July 19 84

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)

Sec 34 Twp 17S Rge 16W

Operator Name ..Frontier Oil Company... Lease Name .Brack..'A' Well# 4.. SEC. 34.. TWP. 17S. RGE. 16W...  East  West

**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  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

	Name	Top	Bottom
DST 1 (2940-2990) 30-30-30-30 wk blo dd 20" Rec 30'M IF 57-57 FF 68-68 ISI 329 FSI 443	Anhydrite	1046	1077
	Herrington	1823	
	Winfield	1882	
DST 2 (3226-3285) 60-30-60-30 1st op strg blo GTS 50" TSIM 2nd op strg blo GTS TSIM. Rec 45'M IF 42-43 FF 43-45 ISI not recorded. FSI 658.	Ft. Riley	2043	
	Wreford	2181	
	Crouse	2226	
	Neva	2371	
DST 3 (3288-3388) 60-30-60-30 wk to fr blo. Rec 330'MCW IF 90-158 FF 181-238 ISI 1038 FSI 1016	Red Eagle	2436	
	Admire	2556	
	Brownville	2594	
DST 4 (3386-3411) 30-30-30-30 1st op wk blo 3" fl tool no help. 2nd op no blo. Rec 8'M IF 11-11 FF 11-11 ISI 23 FSI 11.	Tarkio	2702	
	Elmont	2758	
	Howard	2892	
	Topeka	2958	
DST 5 (3411-3429) 30-30-30-30 1st op wk blo 7" fl tool no help 2nd op no blo. Rec 5'M IF 9-9 FF 9-9 ISI 11 FSI 9	Heebner	3198	
	Toronto	3212	
	Lansing	3253	
	Base KC	3489	
DST 6 (3429-3446) 30-30-30-30 1st op wk blo 3" 2nd op no blo Rec. 2'M. IF 10-10 FF 10-10 ISI 10 FSI 10.	Reagan	3501	
	Granite Wash	3506	
	RTD	3519	
DST 7 (3444-3462) 30-30-30-30 1st op wk blo 8" 2nd op no blo Rec 3'M IF 10-10 FF 10-10 ISI 10 FSI 10			
DST 8 (3459-3484) 30-30-30-30 wk blo 13" Rec 2'M IF 15-15 FF 15-15 ISI 15 FSI 15.			
DST 9 (3486-3519) 30-30-30-30 1st op wk blo 15" 2nd op no blo Rec 8'M IF 18-18 FF 18-18 ISI 28 FSI 18			
RTD 3519. Plugged.			

RELEASED  
 AUG 12 1985  
 FROM CONFIDENTIAL

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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#	260'	Common	160	2% gel 3%cc
N/A				PERFORATION RECORD			
shots per foot		specify footage of each interval perforated		N/A Acid, Fracture, Shot, Cement Squeeze Record			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls		CFPB	

Disposition of gas:  vented  sold  used on lease  
 N/A  
 METHOD OF COMPLETION  
 open hole  perforation  other (specify) \_\_\_\_\_  
 Dually Completed.  Commingled

PRODUCTION INTERVAL  
 JUNE 2 1985