

COPY

SIDE ONE

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

Operator: License # 5140

Name: Frontier Oil Company

Address 125 N. Market, Ste. 1720

Wichita, Kansas 67202

City/State/Zip

Purchaser: N/A

Operator Contact Person: Jean Angle

Phone (316) 263-1201

Contractor: Name: Red Tiger Drilling Co.

License: 5302

Wellsite Geologist: Dick Parker

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: John O. Farmer, Inc.

Well Name: #1 Craig

Comp. Date 9-11-79 Old Total Depth 3500

Drilling Method:

Mud Rotary  Air Rotary  Cable

4-4-91 4-5-91 5-17-91

Spud Date Date Reached TD Completion Date

API NO. 15- 051-21,748-A 0001

County Ellis

SW NE NE Sec. 9 Twp. 11 Rge. 16W East West

4290 Ft. North from Southeast Corner of Section

990 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name Craig Well # 1

Field Name Krueger SW Ext.

Producing Formation N/A

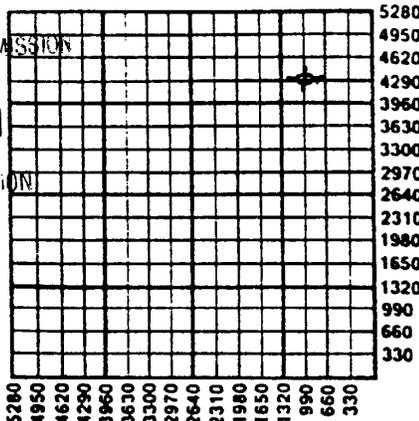
Elevation: Ground 1888 KB 1893

Total Depth 3400 PBDT N/A

RECEIVED

MAY 24 1991

CONSERVATION DIVISION  
Wichita, Kansas



A15-II  
P&A 5-17-91

Amount of Surface Pipe Set and Cemented at 208' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned well's. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

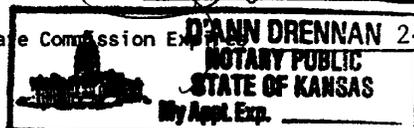
Signature Jean Angle

Title Agent Date May 23, 1991

Subscribed and sworn to before me this 23rd day of May, 19 91.

Notary Public DANN DRENNAN

Date Commission Expires 2-10-94



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

82262

SIDE TWO

Operator Name Frontier Oil Company Lease Name Craig Well # 1  
Sec. 9 Twp. 11 Rge. 16W  East  West  
County Ellis

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.

Log Attached

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy.)

Name	Formation Description	
	Top	Bottom
Anhydrite	1065	+ 828
B/Anhydrite	1104	+ 789
Topeka	2817	- 924
Heebner	3046	-1153
Toronto	3078	-1185
Lansing	3099	-1206
Base Kansas City	3346	-1453
Conglomerate	3410	-1517
Simpson	3478	-1585
Old RTD	3500	-1607

CASING RECORD  New  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 1/2"	8 5/8"	20#	208	N/A	165	N/A
Production	7-7/8"	4 1/2"	10 1/2#	3415	ASC	160	500 gal mud flush

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	3352-3360	500 Gal 10% INS Acid	3352-3360
2	3277-3284	500 Gal 15% NE Acid	3277-3284
2	3192-3202	500 Gal 15% NE Acid	3192-3202
4	3128-3136	1000 Gal 15% NE Acid	3128-3136
		500 Gal 15% NE Acid	3128-3136

TUBING RECORD Size N/A Set At N/A Packer At N/A Liner Run  Yes  No

Date of First Production N/A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		<u>N/A</u>		<u>N/A</u>	

Disposition of Gas: N/A METHOD OF COMPLETION N/A Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Completed  Commingled  
(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_