

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  
City/State/Zip Wichita, Kansas 67202

Purchaser N/A

Operator Contact Person Jean Angle  
Phone 316-263-1201

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist Richard D. Parker  
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 ONNO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

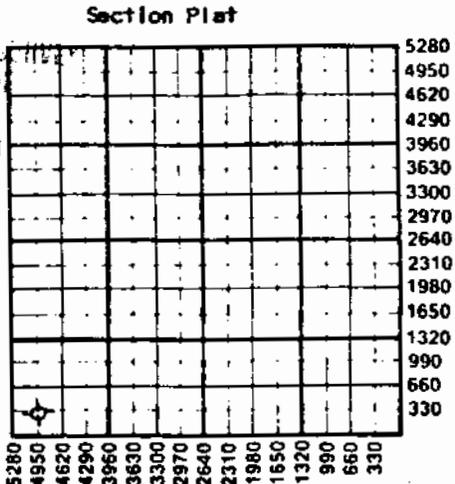
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
3-18-89 3-28-89 3-29-89  
Spud Date Date Reached TD Completion Date  
4724 N/A  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 330 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  
Cement Company Name  
Invoice #

API NO. 15-109-20,472  
County Logan  
SW SW SW Sec. 35 Twp. 11 Rge. 34 East  
330 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Nollette Well # 1  
Field Name Elaine Ext  
Producing Formation N/A  
Elevation: Ground 3206 KB 3211

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH  
RECEIVED  
STATE CORPORATION COMMISSION  
APR 26 1989  
CONSERVATION DIVISION  
Wichita, Kansas



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

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit # 89-125  
 Groundwater 300 Ft North from Southeast Corner  
5000 Ft West from Southeast Corner of  
Sec 35 Twp 11 Rge 34 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 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. 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 4-21-89

Subscribed and sworn to before me this 21st day of April 1989  
Notary Public D. Ann Drinnan  
Date Commission Expires 2-10-90

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

Final

Sec 35 Twp 11 Rge 34 E

Operator Name Frontier Oil Company Lease Name Nollette Well # 1

Sec. 35 Twp. 11 Rge. 36W  East  West County Logan

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

DST #1 (4194-4234) 60-30-30-30. 1st op - gd blo.  
 2nd op - wk blo. Rec. 460' MSW IF 71-190 FF 214-250  
 & FSIP 1245

DST #2 (4268-4310) 60-30-60-30. 1st op - wk inc. to  
 strong blo. 2nd op - wk inc. to strong blo.  
 930' SW. IF 48-298 FF 333-464 ISIP 1304  
 FSIP 1292

DST #3 (4310-4342) 30-30-30-30 1st op - wk blo 2nd  
 op - no blo flushed tool - wk blo 13". Rec. 30 M,  
 IF 48-48 FF 48-59 ISIP 547 FSIP 524

DST #4 (4349-4420) 30-30-30-30 1st op - wk blo  
 2nd op - no blo. Rec. 10' M IF & FF 71-71  
 ISIP 1198 FSIP 1068

DST #5 (4610-4646) 30-30-30-30 1st op - wk blo 15"  
 2nd op - no blo. Rec. 5' SOCM IF & FF 47-47  
 ISIP 190 FSIP 83

Name	Top	Bottom
Anhydrite	2673	+ 538
Heebner	4083	- 872
Toronto	4111	- 900
Lansing-Kansas City	4127	- 916
Base of Kansas City	4426	- 1215
Marmaton	4458	- 1247
Pawnee	4562	- 1351
Fort Scott	4622	- 1411
Cherokee	4652	- 1441
Johnson	4696	- 1485
RID	4724	- 1513

CASING RECORD <input type="checkbox"/> New <input checked="" 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 1/2"	8 5/8"	used 207	330	60-50 POZ	199	2% gel, 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
N/A							
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
N/A	Size	Set At	Packer at				
Date of First Production	Producing Method						
N/A	<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			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  
 Commingled