

SIDE ONE

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

API NO. 15- 167-22, 876-00-00  
County Russell  
SE SE SW Sec. 15 Twp. 13 Rge. 12W  East West

Operator: License # 5140  
Name: Frontier Oil Company  
Address 125 N. Market, Ste. 1720  
Wichita, KS 67202

330 Ft. North from Southeast Corner of Section  
2970 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

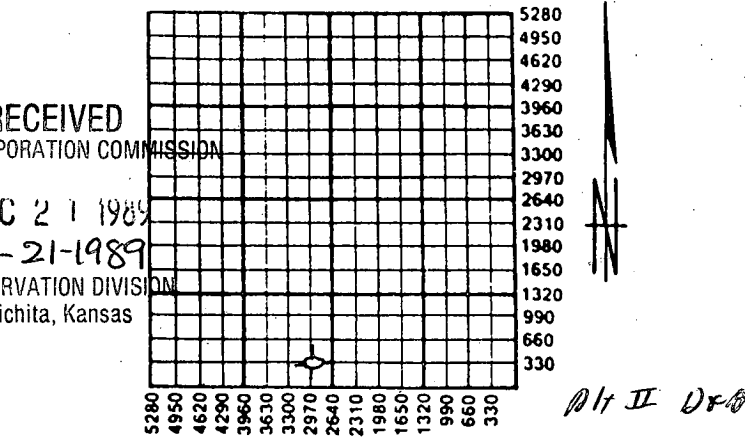
Purchaser: N/A  
Operator Contact Person: Jean Angle  
Phone (316) 263-1201

Lease Name Great Plains Well # 1  
Field Name Unknown  
Producing Formation N/A

Contractor: Name: Red Tiger Drilling Co.  
License: 5302  
Wellsite Geologist: Dick Parker STATE CORPORATION COMMISSION

Elevation: Ground 1740 KB 1745  
Total Depth 740 PBTD 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 OWMO: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 236 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.

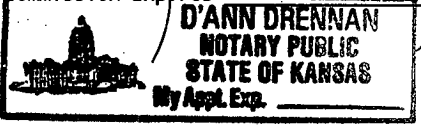
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
11-6-89 11-8-89 11-8-89  
Spud Date Date Reached TD Completion Date

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 wells. 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 12-19-89

Subscribed and sworn to before me this 19th day of December, 19 89.  
Notary Public D'Ann Drennan  
Date 2-10-90



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)

**SIDE TWO**

Operator Name Frontier Oil Company Lease Name Great Plains Well # #1  
 Sec. 15 Twp. 13 Rge. 12W  East County Russell  
 West

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

**Formation Description**

Log  Sample

Name	Top	Bottom
Anhydrite	699	+1056

**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 1/4	8 5/8"	20#	236	60-40POZ	140	2% Gel, 3%CC

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
N/A			

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

Date of First Production N/A	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 Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: N/A **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease (If vented, submit ACO-18.)  Open Hole  Perforation  Dually Completed  Commingled

Other (Specify) \_\_\_\_\_

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

15-167-22-876-00-00  
*New*

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. NO. 7432

Home Office P. O. Box 31 Russell, Kansas 67665

Date	11-8-89	Sec.	22	Twp.	13	Range	12	Called Out		On Location	5:15 PM	Job Start		Finish	8:00 PM
Lease	Great Plains	Well No.	1	Location	Bunker Hill	IN-3EN-K	Russell	County	Russell	State	Kan				
Contractor	Red Tiger Digs #8											Owner	45		
Type Job	Plugs											To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.			
Hole Size	7 7/8	T.D.	742'												
Csg.	8 5/8	Depth	236'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.		Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace													
Perf.															

Charge To: Frontier Oil Co.  
 Street: 1437 N. Franklin  
 City: Russell State: Kansas  
 The above was done to satisfaction and supervision of owner, agent or contractor.  
 Purchase Order No. [blank]  
 X Done *[Signature]*  
**CEMENT**

**EQUIPMENT**

Pumptrk	No. 83	Cementer	
		Helper	
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	22	Driver	
Bulktrk		Driver	

Walt RECEIVED  
 STATE CORPORATION  
 DEC 2 1989  
 CONSERVATION DIV  
 Wichita, Kansas

Amount Ordered	19.5 SKS 60/40 702, 4% Gel	
Consisting of	3% CC	
Common	117 SKS @ 5.00	585.00
Poz. Mix	78 SKS @ 2.25	175.50
Gel.	7 SKS @ 6.75	47.25
Chloride	5 SKS @ 20.00	100.00
Quickset		

**DEPTH of Job**

Reference:	Pump truck	360.00
	Plus	20.00
	1.00 per mile	14.00
	Sub Total	
	Tax	
	Total	394.00

Handling	90¢	175.50
Mileage	3¢	81.90
	Sub Total	
	Total	1165.45

Remarks:  
 50 SKS @ 710'  
 80 SKS @ 450'  
 40 SKS @ 140'  
 10 SKS @ 40'  
 15 SKS in R.H.

Floating Equipment  
*Thank You*

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

15-167-22876-00-00

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

No. 7477

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	11-8-89	Sq. <del>22</del>	Twp.	13 S	Range	12 W	Called Out	4:45 AM	On Location	6:45 AM	Job Start	8:15 AM	Finish	8:45 AM
Lease	Great Plains	Well No.	#1	Location			BUNKER HILL IN 3E + N 1E	County	Russell	State	KANSAS			
Contractor	RED TIGER DRIG. Rig #8													
Type Job	SURFACE													
Hole Size	12 1/4	T.D.	237'											
Csg.	8 5/8	Depth	236											
Tbg. Size		Depth												
Drill Pipe		Depth												
Tool		Depth												
Cement Left in Csg.	10'-15'	Shoe Joint												
Press Max.		Minimum												
Meas Line	✓ 235	Displace	14 1/4 <del>CSL</del>											
Perf.														

Owner YAS into

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To FRONTIER OIL COMPANY

Street 1437 N Franklin

City Russell State Kan 67665

The above was done to satisfaction and supervision of owner, agent or contractor

Purchase Order No. X Kenneth Lyle

CEMENT

### EQUIPMENT

No.	Cementor	<i>Shon</i> RECEIVED STATE CORPORATION COMMISSION
Pumptrk #177	Helper	
No.	Cementor	DEC 21 1989
Pumptrk	Helper	
	Driver	<i>Meir</i> CONSERVATION DIVISION Wichita, Kansas
Bulktrk #160	Driver	

Amount Ordered	140 SK	6% 40	2% 90	3% CC
Consisting of:				
Common	84	5.00	420.00	
Poz. Mix	56	2.25	126.00	
Gel.	3	6.75	20.25	
Chloride	4	20.00	80.00	
Quickset				
Handling	.90 PER SK	126.00		
Mileage	.03 PER TON MILE	58.80		
Sub Total	831.05			
Total	831.05			

DEPTH of Job		
Reference:	Pump TRUCK CHRG.	360.00
	1 <sup>00</sup> PER MILE 14m	14.00
	1-85/8 WIPER PLUG	40.00
	Sub Total	414.00
	Tax	
	Total	

Remarks:

Cement Circulated

Floating Equipment

*Shank*