

ORIGINAL

KCC

MAY 20

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- 163-23,149-0000 **CONFIDENTIAL**  
County 50 S of SE NE NW Sec. 15 Twp. 7 Rge. 19W  East  West

Operator: License # 5140

Name: Frontier Oil Company

Address 125 N. Market, Ste. 1720

Wichita, Kansas 67202

City/State/Zip 67202

Purchaser: Clear Creek, Inc.

Operator Contact Person: Jean Angle

Phone (316) 263-1201

Contractor: Name: Red Tiger Drilling Co.

License: 5302

Wellsite Geologist: Richard D. 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: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

3-29-91 4-5-91 5-3-91  
Spud Date Date Reached TD Completion Date

4240 Ft. North from Southeast Corner of Section

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

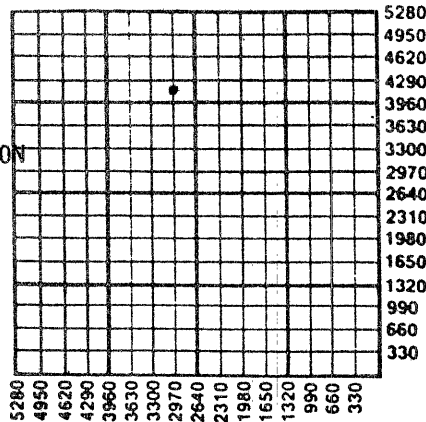
Lease Name Burton Well # 3

Field Name Grover North

Producing Formation Lansing-Kansas City, Toronto

Elevation: Ground 1962 KB 1967

Total Depth 3445 PBSD 3411



6-7-91

Amount of Surface Pipe Set and Cemented at 260 Feet

Multiple Stage Cementing Collar Used? Yes  No

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

If Alternate II completion, cement circulated from 1491

feet depth to 0 w/ 450 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 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 Owner Date 5-20-91

Subscribed and sworn to before me this 20th day of May, 19 91.

Notary Public D'Ann Drennan

Date Commission Expires \_\_\_\_\_



**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)

# CONFIDENTIAL

SIDE TWO

Operator Name Frontier Oil Company Lease Name Burton Well # 3  
 Sec. 15 Twp. 7 Rge. 19W  East County Rooks  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		
	<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample
Name	Top	Bottom
Anhydrite	1470	+ 497
Topeka	2918	- 951
Heebner	3121	-1154
Toronto	3143	-1176
Lansing-Kansas City	3160	-1193
Base of Kansas City	3382	-1415
Marmaton	3422	-1455
Cherty Conglomerate	3430	-1463
RTD	3445	-1478

*See copies for DST*

**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"	new 20#	260	60-40 POZ	160	2% gel, 3% CC
Production	7-7/8"	4 1/2"	new 10 1/2#	3438	ASC	160	N/A

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth
		Amount	Kind	
4	3357-61	500 gal	15% NE Acid	3357-61
4	3331-37	1000 gal	15% NE Acid	3331-37
2	3310-14, 3258-62, 3246-50, 3219-23	4000 gal	15% NE Acid	(As indicated)
	3200-02, 3160-66			
3	1490-91	Cmt w/300 sx 60-40 poz, 8 % gel, 75 sx		com

**TUBING RECORD** Size 2-3/8" Set At 3407 Packer At N/A Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20 BOPD	N/A	15 BOPD	N/A	35

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Commingled

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

Production Interval  
3160-3361  
3144-48

316-2627 Russell, Kansas

316-793-5861 Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. No. 9490

Home Office P. O. Box 31

Russell, Kansas 67665

59086

Date	4-15-91	Sec	15	Twp	7	Range	19	Called Our	6:00AM	On Location	9:00AM	Job Start	9:45AM	Finish	1:30PM
Lease	Burton	Well No.	#3	Location	Webster/Danzon/Myant/545			County	Rock	State	Kansas				

Contractor	Leans-Only Service
Type Job	Circulate Cement
Hole Size	T.D.
Csg. 4 1/2"	Depth
Tbg. Size 2"	Depth 1416'
Drill Pipe Plug 4 1/2"	Depth 3100'
Tool 4 1/2"	Depth 1416'
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	@ 1490' to 1491'

Owner	Same
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 Co
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	

EQUIPMENT		
#177 No.	Cementer	M KAULMAN
Pumptrk	Helper	Glenn G
No.	Cementer	
Pumptrk	Helper	
#146	Driver	Mark D
Bulktrk		
Bulktrk #155	Driver	Lawrence H

CEMENT			
Amount Ordered	310 SKS 60/40 p02 8 7/8 in		
Consisting of	80 SKS COM 3 7/8 in		
Common	266	525	1396.50
Poz. Mix	124	225	219.00
Gel.	16	675	108.00
Chloride	2	21.00	42.00
Quickset	STATE CORPORATION COMMISSION		

DEPTH of Job		
Reference:	# PUMP TRK	475.00
	200 Per mile 2.3m	46.00
	Sub Total	521.00
	Tax	
	Total	

MAY 28 1991	Sales Tax	
Handling	CONSERVATION DIVISION WICHITA, KANSAS	1.00 390.00
Mileage 23m		.04 358.80
	Sub Total	2574.30
	Total	

Remarks: Tested casing below ports to 500' Held OK Set packer @ 1416' 1 x 6 390 SKS CEMENT CEMENT CIRCULATED TO SURFACE Squeezed ports at 500' Held OK

RW  
Flooding Equipment

*[Signature]*

2627, Russell, Kansas  
 13-5861, Great Bend, Kansas

ORIGINAL *New*

KCC

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

MAY 20

# ALLIED CEMENTING CO., INC. No. 9750

Home Office P. O. Box 31

Russell, Kansas 67665

ate	3-29-91	Sec.	15	Twp.	7 <sup>s</sup>	Range	19 <sup>w</sup>	Called Out	2:00 P.M.	On Location	5:30 P.M.	Job Start	7:45 P.M.	Finish	8:15 P.M.	
Lease	Bunton	Well No.	3	Location				Webster Dam 2N 1/2 W 1/4 S	County	Rooks	State	Ks.				
Contractor	Red Tiger Drilling Co.				Rig #8				Owner							Jama
Type Job	Set Surface Pipe															
Hole Size	12 1/4"		T.D.		264'											
Csg.	8 7/8"		Depth		260'											
Tbg. Size			Depth													
Drill Pipe			Depth													
Tool			Depth													
Cement Left in Csg.	15'		Shoe Joint													
Press Max.			Minimum		-											
Meas Line	x		Displace		x											
Perf.																

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 Ks. 67665*

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

Purchase Order No.  
 x *Morris Leach Jr.*  
**CEMENT**

Amount Ordered *160 sks 60/40 per 2 bag, 30 c.c.*

Consisting of		
Common	<i>96 sks @ 5.25/sk.</i>	<i>#504.00</i>
Poz. Mix	<i>64 sks @ 2.25/sk.</i>	<i>144.00</i>
Gel.	<i>3 sks @ 6.75/sk.</i>	<i>N/C</i>
Chloride	<i>5 sks @ 21.00/sk.</i>	<i>105.00</i>
Quickset		

**EQUIPMENT**

No.	Cementer	<i>Gary H.</i>
Pumptrk <i>61</i>	Helper	<i>Wayne Mc.</i>
No.	Cementer	
Pumptrk	Helper	
	Driver	<i>Paul D.</i>
Bulktrk <i>#155</i>	Driver	

Handling	<i>e 1.00/sk. (160 sks)</i>	<i>160.00</i>
Mileage	<i>e 0.4 + 1/sk./mi. (25 mi.)</i>	<i>160.00</i>
Sub Total		<i>#1073.00</i>
Total		

**DEPTH of Job**

Reference: #1	<i>Pumptruck-surface</i>	<i>\$380.00</i>
#13	<i>mileage @ 2.00/mi</i>	<i>50.00</i>
	<i>1-8 7/8" wooden plug</i>	<i>42.00</i>
	Sub-Total	<i>\$472.00</i>
	Tax	
	Total	

Floating Equipment  
 RECEIVED *Thanks*  
 CORPORATION COMMISSION

Remarks: *Cement Circulated.*

MAY 21 1991

CONSERVATION DIVISION  
 Wichita, Kansas

Phone 913-433-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

KCC

No. 2530

Russell, Kansas 67665

Date	4-5-91	Sec.	15	Twp.	7 <sup>s</sup>	Range	19 <sup>w</sup>	Called Out	7:00 A.M.	On Location	9:30 A.M.	Job Start	1:00 P.M.	Finish	2:00 P.M.
Lease	Burton	Well No.	3	Location				Webster Dam 2N 1/2 W 4S	County	Rooks	State	Ks.			
Contractor	Red Tiger Dr. Co.		Rig #		8										
Type Job	Production String														
Hole Size	7 7/8"	T.D.	3445'												
Csg.	4 1/2"	Depth	3438'												
Csg. Size	8 7/8"	Depth	260'												
Drill Pipe															
Tool															
Cement Left in Csg.	28'	Shoe Joint	28.36'												
Press Max.	1000#	Minimum													
Meas Line	X	Displace													
Perf.															

**EQUIPMENT**

No.	Cementer	
Pumptrk 61	Helper	Gary H. Wayne Mc.
No.	Cementer	
Pumptrk	Helper	
#	Driver	Glenn C. Joe S.
Bulktrk 212	Driver	

**DEPTH of Job**

Reference:	#1 Pumptruck-long string	# 880.00
	#13 mileage @ 2.00/mi.	50.00
	1-4 1/2" rubber plug	33.00
	Sub Total	963.00
	Tax	
	Total	

Remarks: Plugged rat hole w/15 sks

Float Held

Owner Same

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 Ks. 67665

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

Purchase Order No. [Signature]

X [Signature]

**CEMENT**

Amount Ordered	175 sks ASC & 500 gal WFR II
Consisting of	mud Flush.
Common ASC	- 175 sks @ 7.25/sk. # 1268.75
Poz. Mix	
Gel.	
Chloride	
Quickset	
WFR II	- 500 gal @ 50¢/gal. 250.00
Sales Tax	
Handling	@ 1.00/sk. (175 sks) 175.00
Mileage	@ 0.4¢/sk./mi. (25 mi.) 175.00
Sub Total	# 1868.75
Total	

Floating Equipment Thanks

**RECEIVED**  
STATE CORPORATION COMMISSION

MAY 21 1991

CONSERVATION DIVISION  
Wichita, Kansas