

ORIGINAL

SIDE ONE

15163-23163-000

KCC

JUN 6

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

RELEASED

JUL 0 1 1992

API NO. 15- 163-23,163-00-00
County Rooks

CONFIDENTIAL

100SE NE SW Sec. 15 Twp. 7 Rge. 19W East West

Operator: License # 5140

1650 Ft. North from Southeast Corner of Section

Name: Frontier Oil Company

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

Address 125 N. Market, Ste. 1720

Wichita, Kansas 67202

Lease Name Burton Well # 5

Field Name Grover North Ext.

City/State/Zip _____

Producing Formation N/A

Purchaser: N/A

Elevation: Ground 1927 KB 1932

Operator Contact Person: George A. Angle

Total Depth 3550 PBDT 3403

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. Wichita, Kansas

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

4-19-91 4-27-91 N/A

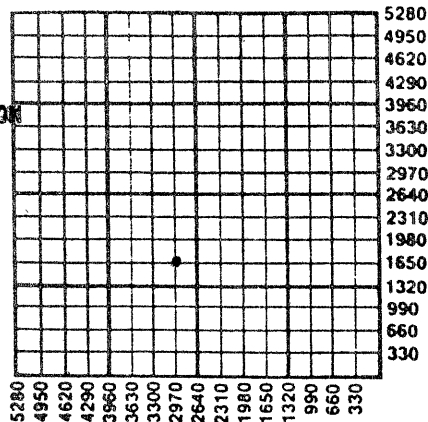
Spud Date Date Reached TD Completion Date

RECEIVED

STATE CORPORATION COMMISSION

6/5/91
JUN 05 1991

CONSERVATION DIVISION
Abd. Wichita, Kansas



ALT II done
6-6-91

Amount of Surface Pipe Set and Cemented at 264 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1446

335 sx 60-40 Poz, 8% gel

feet depth to surface w/ 100 sx Com, 3% ~~38~~ 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.

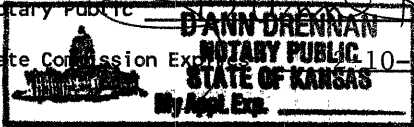
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature George A. Angle
Title Agent Date 6-4-91

Subscribed and sworn to before me this 4th day of June, 19 91.

Notary Public DANN DRENNAN

Date Commission Expires 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)

91

CONFIDENTIAL

SIDE TWO

Operator Name Frontier Oil Company Lease Name Burton Well # 5
 Sec. 15 Twp. 7S 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. (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.)
 DST #1 (3268-3336) 15-30 Packer Failure
 Rec. 620' M IF 444-625 30" SIP 995#.
 DST #2 (3292-3336) Packer Failure

Name	Formation Description	
	Top	Bottom
Anhydrite	1431	+ 501
Topeka	2885	- 953
Heebner	3087	-1155
Toronto	3110	-1178
Lansing-Kansas City	3126	-1194
Base of Kansas City	3349	-1417
Conglomerate	3394	-1462
Arbuckle	3402	-1470
Granite Wash	3490	-1558
RTD	3550	-1618

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#	264	60-40 POZ	170	2% gel, 3% CC
Production	7-7/8"	4 1/2"	10 1/2#	3457	ASC	160	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated		Depth
4	3330-34'	500 gal 15% NE Acid	3330-34'
4	3304-12'	1000 gal 15% NE Acid	3304-12'
2	3266-72'	500 gal 15% NE Acid	3266-72'
3	1445-46'	Squeezed w/335 sx 60-40 POZ 8% gel & 100 sx Com, 3% CC	1445-46'

TUBING RECORD Size N/A Set At N/A 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

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

2627, Russell, Kansas
 /93-5861, Great Bend, Kansas

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

ORIGINAL *New*
ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

REC 2538

JUN 6

Date	Sec.	Fwp.	Range	Called Out	On Location	Job Start	Finish
April 19, 1991	15	7 ^s	19 ^w	10:30 A.M.	1:00 P.M.	6:20 P.M.	6:45 P.M.
Lease	Well No.	Location		County	State		
Bunton	5	Webster Dam 2N 1/2 W 3/4 S		Rocky	Ks.		
Contractor	Rig #			Owner			
Red Tiger Drilling Co.	#8			Same			
Type Job	FROM CONFIDENTIAL						
Set Surface Pipe	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	T.D.						
12 1/4"	268'						
Csg.	Depth						
8 3/8"	264'						
Tbg. Size	Depth						
Drill Pipe	Depth						
Tool	Depth						
Cement Left in Csg.	Shoe Joint						
15'							
Press Max.	Minimum						
Meas Line	Displace						
X	X						
Perf.							

EQUIPMENT

No.	Cementer	
Pumptrk 191	Helper	Gary H.
		Manlyn K.
No.	Cementer	
Pumptrk	Helper	
	Driver	Joe S.
Bulktrk #212	Driver	

DEPTH of Job

Reference:	Description	Amount
#1	Pumptruck-surface	\$380.00
#13	mileage @ 2.00/mi	50.00
	1-8 3/8" wooden plug	42.00
	Sub Total	\$472.00
	Tax	
	Total	

Remarks: Cement Circulated.

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: _____

CEMENT

Amount Ordered	170 sks 60/40 poz 2 bag 3% C.C.	
Consisting of	Marie Leach	
Common	102 sks @ 5.25/sk	\$535.50
Poz. Mix	68 sks @ 2.25/sk	153.00
Gel.	3 sks	N/C
Chloride	5 sks @ 21.00/sk	105.00
Quickset		
Sales Tax		
Handling	@ 1.00/sk. (170 sks)	170.00
Mileage	@ 0.44/sk. /mi. (25 mi.)	170.00
Sub Total		\$1133.50
Total		

Floating Equipment

Thanks RECEIVED
 STATE CORPORATION COMMISSION

JUN 05 1991

CONSERVATION DIVISION
 Wichita, Kansas

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No. KCC 2102

JUN 6

Date	4-27-91	Sec.	15	Twp.	7	Range	19	Called Out	2:30 PM	On Location	7:00 PM	Job Start	9:30 PM	Finish	10:30 PM		
Lease	BURTON	Well No.	# 5	Location				Webster DAMA242N 50E	County	Rooks	State	Kansas					
Contractor	Red Tiger Drlg Rig 8											Owner	SAME				
Type Job	production											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.					
Hole Size	7 7/8"		T.D.	3550'													
Csg.	4 1/2"		Depth	3457'													
Tbg. Size													Charge To	Frontier O&M			
Drill Pipe													Street	1437 N. Franklin			
Tool													City	Russell	State	Kan	67665
Cement Left in Csg.	40.90		Shoe Joint	40.90													
Press Max.													The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line	YES											Purchase Order No.					
Perf.													X	<i>[Signature]</i>			
EQUIPMENT													CEMENT	500 gal wfr-			

#191 No.	Cementer	<i>m Kaufman</i>
Pumptrk	Helper	<i>Wayne M.</i>
No.	Cementer	
Pumptrk	Helper	
#212	Driver	
Bulktrk	Driver	

DEPTH of Job		
Reference #	PUMP TRK	880.00
	4 1/2 Plus	33.00
	2.00 per SK.	46.00
	Sub Total	959.00
	Tax	97.00
	Total	1056.00

Remarks:

15 SKS in Rat Hole

Amount Ordered	175 SKS ASC	
Consisting of		
Gemen	ASC - 175 SKS @ 7.25 = 1,268.75	
Poz. Mix		
Gel.		
Chloride		
Quickset		
	500 gal WFR-2 @ 50¢ = 250.00	
	Sales Tax	
Handling	1.00 per SK = 175.00	
Mileage	4¢ per SK/mile = 161.00	
	23 miles	
	Sub Total	
	Total	1,854.75

Floating Equipment

[Signature]

RECEIVED
STATE CORPORATION COMMISSION

JUN 05 1991

CONSERVATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

KCO# 2572
JUN 6 5 51 57

Date	Sec.	Twp.	Range	Called Out	On Location	CON Job Start	TIAL	Finish
5-23-91	15	7 ^s	19 ^w	7:00 A.M.	9:30 A.M.	10:30 A.M.		4:00 P.
Lease	Well No.	Location			County	State		
Burton	5	Webster-Dam 2 N 1/2 3/4 S			Rooks	Ks		

Contractor	Leans Drilling Service	
Type Job	Squeeze	
Hole Size	7 7/8"	T.D.
Csg.	4 1/2"	Depth
Tbg. Size	2"	Depth
Drill Pipe	Drillable Plug	Depth 3150'
Tool	Brad	Depth 1378'
Cement Left in Csg.	67'	Shoe Joint
Press Max.	1500 [#]	Minimum
Meas Line		Displace γ
Perf.	1445' - 1446'	

EQUIPMENT

Pumptrk	No.	Cementer	Gary H. Marlyn K.
	191	Helper	
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	#146	Driver	Jim D.
Bulktrk	#212	Driver	Joe S.

DEPTH of Job		
Reference#	Description	Amount
4	Pumptruck-squeeze	475.00
13	mileage @ 2.00/mi.	50.00
	Sub Total	\$525.00
	Tax	
	Total	

Remarks: Run packer below perfs and tested tools at 1500#. Come above perfs and took injection rate of 3 b.b./min. at 300#. Mixed cement and squeezed to 300#. Cleared plug. Packed packer and put 50# on squeeze shut. Cement Circulated From perfs to the surface.

Owner James RELEASED
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 335 sks 6/40 per 8 bagal
Consisting of 100 sks com 3 2/2 c.c.
Common 300 sks @ 5.25/sk #1575.00
Poz. Mix 135 sks @ 2.25/sk 303.75
Gel. 17 sks @ 6.75/sk (used 23 sks) 114.75
Chloride 3 sks @ 21.00/sk 63.00
Quickset

Handling	@ 1.00/sk. (435 sks)	435.00
Mileage	@ 0.04 @ 1/sk./mi. (25 mi.)	435.00
Sub Total		2926.50
Total		

Floating Equipment Thanks

RECEIVED
STATE CORPORATION COMMISSION

JUN 05 1991

CONSERVATION DIVISION
Wichita, Kansas