

ORIGINAL

KCC

JUN 1 1

RELEASED

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

JUL 0 1 1992

API NO. 15- 163-23,139 -00-00

County 150 E of Rooks East  
NW SW SW Sec. 33 Twp. 9 Rge. 19 West

CONFIDENTIAL

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: Name: Red Tiger Drilling Co.

License: 5302

Wellsite Geologist: Steve 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 ~~OWO~~ old well info as follows:

Operator: \_\_\_\_\_

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

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

Drilling Method:

Mud Rotary  Air Rotary  Cable

1-26-91 2-1-91 3-13-91  
Spud Date Date Reached TD Completion Date

990 Ft. North from Southeast Corner of Section

4800 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

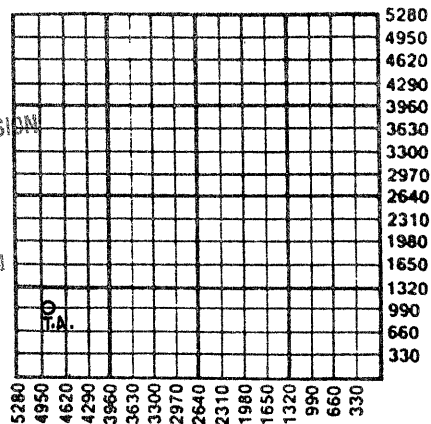
Lease Name Hamel "A" Well # 2

Field Name Lynd

Producing Formation N/A

Elevation: Ground 2218 KB 2223

Total Depth 3742 PBDT N/A



6-12-91

Amount of Surface Pipe Set and Cemented at 220 Feet

Multiple Stage Cementing Collar Used? Yes  No

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

If Alternate II completion, cement circulated from 1649  
150 sx Com, 10% salt  
feet depth to surface w/350 sx 60-40 POZ 6% gel

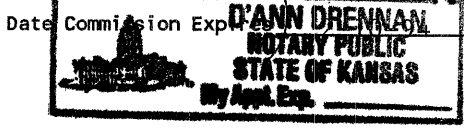
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 6-11-91

Subscribed and sworn to before me this 11th day of June,  
19 91.

Notary Public D'Ann Drennan



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 Hamel "A" Well # 2  
 Sec. 33 Twp. 9 Rge. 19W  East  West  
 County Rooks

**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	1619	+ 604
Base Anhydrite	1652	+ 571
Heebner	3402	-1179
Toronto	3421	-1198
Lansing-Kansas City	3439	-1216
Base of Kansas City	3665	-1442
Marmaton	3686	-1463
Simpson	3726	-1503
Arbuckle	3740	-1517
RTD	3742	-1519
	3754.5	-1531.5

DST #1 (3696-3742) 60-30-60-30  
 Rec. 45' O, 30' OCM, 90' OCM IF 100-111  
 FF 111-122 ISIP 991 FSIP 936

**CASING RECORD**  DD  RTD  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#	220	60-40 POZ	150	2% gel 3% CC
Production	7-7/8"	5 1/2" (used)	14 1/2#	3741	Com 60-40 Poz	150 350	10% Salt 6% gel

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

**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
N/A					

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 \_\_\_\_\_

15-163-23139-00-00

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

# ALLIED CEMENTING CO., INC.

No. 9665

FROM COMPANY Home Office P. O. Box 31

Russell, Kansas 67665

KCC

JUN 1 1991

Date	1-26-91	Sec.	33	Twp.	9 <sup>s</sup>	Range	19 <sup>w</sup>	Called Out	1:30 P.M.	On Location	4:00 P.M.	Job Start	6:15 P.M.	Finish	6:50 P.M.	
Case	Hazel "A"		Well No. 2		Location Zurich 16 3/4 S 1/2 E				County	Rocks	State	Ks.				
Contractor	Red Tiger Dalg. Co.				Rig #4				Owner	Same						
Type Job	Set Surface Pipe															
Hole Size	12 1/4"				T.D.				227'							
Csg.	8 7/8"				Depth				220'							
Tbg. Size					Depth											
Drill Pipe					Depth											
Tool					Depth											
Cement Left in Csg.	15'				Shoe Joint											
Press Max.					Minimum											
Meas Line	X				Displace				X							
Perf.																
<b>EQUIPMENT</b>																
No.	Cementer															
Pumptrk	191	Helper	Gary H. Maruya K.													
No.	Cementer															
Pumptrk		Helper														
	Driver		Glen C.													
Bulktrk	#212															
Bulktrk		Driver														
<b>DEPTH of Job</b>																
Reference:	#1	Pumptruck - surface	#	380.00												
	#13	mixing @ 2.00/mi		20.00												
		1-8 7/8" wooden plug		42.00												
			Sub Total	442.00												
			Tax													
			Total													
Remarks:	Cement Circulated.															

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 Brian Werner

CEMENT	
Amount Ordered	150 sks @ 1.40 per 2 bags, 380 C.C.
Consisting of	
Common	90 sks @ 5.25/sk. <u>472.50</u>
Poz. Mix	60 sks @ 2.25/sk. <u>135.00</u>
Gel.	2 sks <u>N/C.</u>
Chloride	4 sks @ 21.00/sk. <u>84.00</u>
Quickset	
Sales Tax	
Handling	1.00/sk. (150 sks) <u>150.00</u>
Mileage	2.04 @ 1/sk./mi. (16 mi) <u>60.00</u>
Sub Total	
<u>\$ 901.50</u>	
Total	

Floating Equipment Thanks

JUN 12 1991

83-2627, Russell, Kansas

16-793-5861, Great Bend, Kansas

15-163-23/39-00-00

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

JUN 18 1991

Date	2-1-91	Sec.	33	Twp.	9	Range	19	Called Out	2:00 PM	On Location	7:30 PM	Job Start		Finish	1:30 AM
Lease	Hamel	Well No.	"A" #2			Location	zurich 1w 3/4 E			County	Rock	State	Kansas		
Contractor	Red Tiger prlg Rig 4														
Type Job	Production Top Stage														
Hole Size	7 7/8"			T.D.	3742'										
Csg.	5 1/2"			Depth	3741'										
Tbg. Size															
Drill Pipe															
Tool	5 1/2"			Depth	1649'										
Cement Left in Csg.	35.60			Shoe Joint	35.60										
Press Max.															
Meas Line	yes			Displace											
Perf.															

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.

FROM CONFIDENTIAL

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. [Signature]

X [Signature]

**CEMENT**

### EQUIPMENT

#191	No.	Cementer	M Kaufman
Pumptrk		Helper	Wayne M
#146	No.	Cementer	
Pumptrk		Helper	
Bulktrk		Driver	Ed K
Bulktrk		Driver	

Amount Ordered	350 SKS 60/40 Poz 6% Gel		
Consisting of			
Common	210 SKS @ 5.25	1,102.50	
Poz. Mix	140 SKS @ 2.25	315.00	
Gel.	18 SKS - 2% = 12 @ 6.75	81.00	
Chloride			
Quickset			
Handling	1.00 per SK	350.00	
Mileage	4¢ per SK/mile	126.00	
	9 miles		
Sub Total			
Total	1,974.50		

DEPTH of Job		
Reference:	# PUMP TRK	475.00
	Sub Total	
	Tax	
	Total	475.00

Remarks: 15 SKS IN RAT HOLE  
Cement Did Cin  
Bill m edoo

Floating Equipment

[Signature]

RECEIVED  
STATE OF KANSAS COMMISSION

JUN 12 1991

Russell, Kansas  
 3-5861, Great Bend, Kansas

15-163-23139-00-00

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

**ALLIED CEMENTING CO., INC.**

Home Office P. O. Box 31

Russell, Kansas 67665

No. JUN 1 1804

CONFIDENTIAL

Date	2-1-91	Sec.	33	Fwp.	9	Range	19	Called Out	2:00 PM	On Location	7:30 PM	Job Start		Finish	12 AM	
Lease	Hamel	Well No.	"A" #2			Location	Zurich 1w 3/4 S 1/4 E			County	Rooks	State	Kansas			
Contractor	Red Tiger drlg					Rig 4					Owner	SAME				
Type Job	Production Bottom Stage															
Hole Size	7 7/8"					T.D.	3742'									
Csg.	5 1/2"					Depth	3741'									
Tbg. Size						Depth										
Drill Pipe						Depth										
Tool	5 1/2"					Depth	1649'									
Cement Left in Csg.	35.60					Shoe Joint	35.60									
Press Max.						Minimum										
Meas Line	Yes					Displace										
Perf.																

**EQUIPMENT**

#191 No.	Cementer	M Kaufman
Pumptrk	Helper	Wayne M.
No.	Cementer	
Pumptrk	Helper	
#212	Driver	Glen C.
Bulktrk		
Bulktrk	Driver	

**DEPTH of Job**

Reference:	#	PUMP TRK	880 <sup>00</sup>
		2.00 per mile	18 <sup>00</sup>
		Sub Total	
		Tax	
		Total	898 <sup>00</sup>

Remarks: Fleet Held.

Released

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish 1000 cements 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. *[Signature]*

X *[Signature]*

**CEMENT**

Amount Ordered	150 SKS COM 10% Salt		
Consisting of			
Common	150	SKS @ 5.25	787.50
<del>Common</del> Salt	14	SKS @ 4.75	66.50
Gel.			
Chloride			
Quickset			
	Sales Tax		
Handling	1.00 per SK		150 <sup>00</sup>
Mileage	4¢ per SK/mile	9 mile	54 <sup>00</sup>
		Sub Total	
		Total	1,058 <sup>00</sup>

Floating Equipment

*[Signature]*

RECEIVED  
 STATE OF KANSAS COMMISSION

JUN 12 1991

Office of the State Auditor  
 Wichita, Kansas