



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1216930  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

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

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

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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 Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

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

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1216930

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Krier, Kirby Oil, Inc.
Well Name	Jay Cat 2
Doc ID	1216930

Tops

Name	Top	Datum
Heebner	2800	-1027
Toronto	2812	-1039
Douglas	2830	-1057
Brown Lime	2918	-1145
Lansing	2932	-1159
Base Kansas City	3202	-1429
Arbuckle	3227	-1454
RTD	3235	-1462

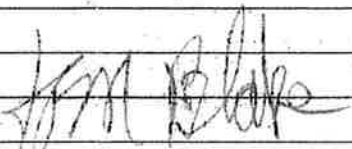
# QUALITY OILWELL CEMENTING, INC.

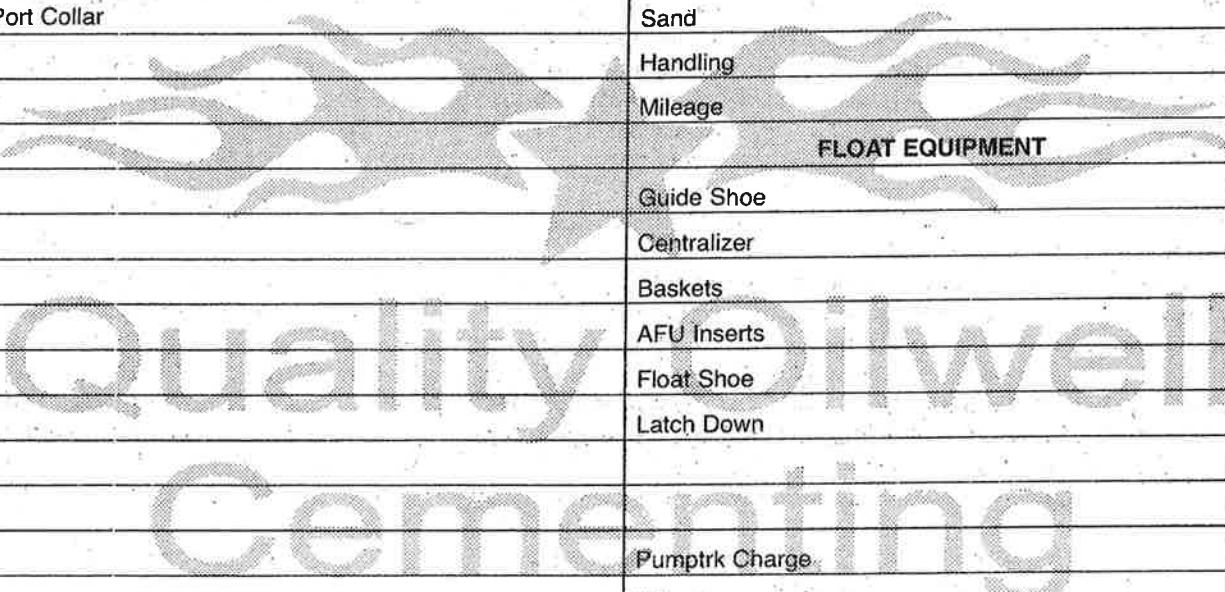
Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 097

Date	7-22-14	Sec.	5	Twp.	18	Range	10	County	Rice	State	Ks	On Location		Finish	7:30 PM		
Lease								Location				Clifton, Ks - E to 3rd, 1/2 S, W 1/4					
Jay Cat								Well No.		2		Owner					
Contractor								Royal #2				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Type Job								Surface				Charge To					
Hole Size								12 1/4"		T.D.		346'		Kirby Kries			
Csg.								8 5/8"		Depth		<del>340</del> 346'		Street			
Tbg. Size								Depth		City		State					
Tool								Depth		The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.								15'		Shoe Joint		15'		Cement Amount Ordered			
Meas Line								Displace		21		BS					
<b>EQUIPMENT</b>								Common									
Pumptrk								17		No.		Cement		Helper			
Bulktrk								13		No.		Driver		Travis			
Bulktrk								p.u.		No.		Driver		Tyler			
Bulktrk								p.u.		No.		Driver		Rick			
<b>JOB SERVICES &amp; REMARKS</b>								Hulls									
Remarks:								Cement did Circulate									
Rat Hole								Salt									
Mouse Hole								Flowseal									
Centralizers								Kol-Seal									
Baskets								Mud CLR 48									
D/V or Port Collar								CFL-117 or CD110 CAF 38									
								Sand									
								Handling									
								Mileage									
<b>FLOAT EQUIPMENT</b>																	
								Guide Shoe									
								Centralizer									
								Baskets									
								AFU Inserts									
								Float Shoe									
								Latch Down									
								Pumptrk Charge									
								Mileage									
								Tax									
								Discount									
								Total Charge									
Signature																	



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 367

Date	7-27-14	Sec.	5	Twp.	18	Range	10	County	Rice	State	KS	On Location		Finish	3:15 p.m.
Location								Cliff E to 3rd rd 1/2 S W 1/4							

Lease	Jay Cat	Well No.	2	Owner	To Quality Oilwell Cementing, Inc.
Contractor	Koyal #2	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job	Production String	Charge To	Kirby Kirk		
Hole Size	7 7/8	T.D.	3235	Street	
Csg.	5 1/2	Depth	3235	City	State
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool		Depth		Cement Amount Ordered	180 com 10/6 salt 5/6 1/2 benite
Cement Left in Csg.	22.40	Shoe Joint	22.40	50% mud clean	
Meas Line		Displace	76' KBC		

**EQUIPMENT**

Pumptrk	18	No.	Cementer	Coag	Common
			Helper		Poz. Mix
Bulktrk		No.	Driver	Clayton	Gel.
			Driver		Calcium
Bulktrk	9	No.	Driver	Chad	
			Driver		

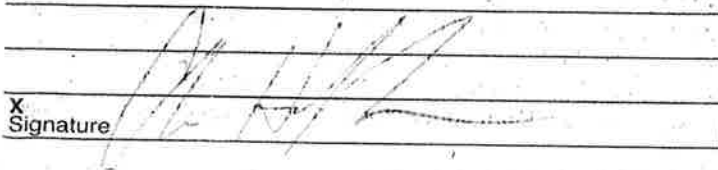
**JOB SERVICES & REMARKS**

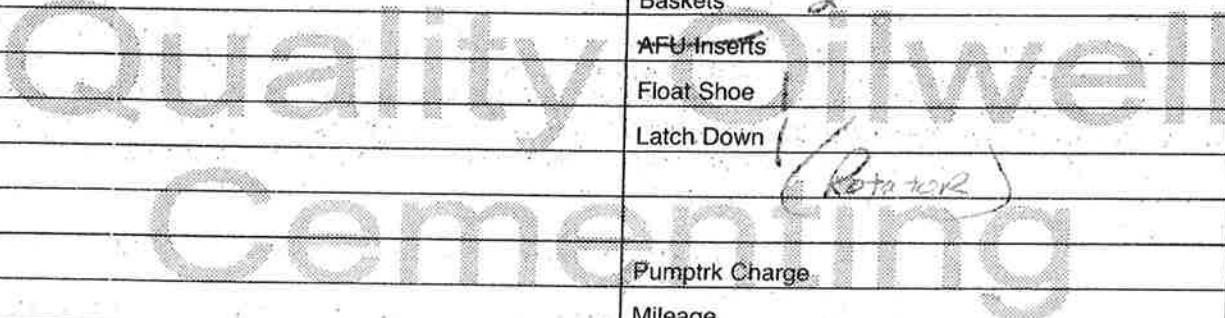
Remarks:	
Rat Hole	3235K
Mouse Hole	155K
Centralizers	
Baskets	
D/V or Port Collar	
	5/2 sev 3235 Bull 321460
	Est Completion Pump 500 gal
	Mud Clean 10 BL spot Cement 100 lbs
	4 mesh hole cement 5K with 135 SK
	Displace Plug Plug land 201.5000

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	9 Turbo's
Baskets	2
AFU Inserts	
Float Shoe	
Latch Down	(Rotator)

Pumptrk Charge	
Mileage	
Tax	
Discount	
Total Charge	

X Signature 





# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 097

Cell 785-324-1041

Date	7-22-14	Sec.	5	Twp.	18	Range	10	County	Rice	State	Ks	On Location		Finish	7:30 PM
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Lease Jay Cat Location Clifton, Ks - E to 3rd, 1/2 S, W 1/4

Well No. 2 Owner To Quality Oilwell Cementing, Inc.

Contractor Royal #2 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job Surface Charge To Kirby Kries

Hole Size 12 1/4" T.D. 346' Street

Csg. 8 5/8" Depth 346' City State

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

Tool Depth Cement Left in Csg. 15' Shoe Joint 15' Cement Amount Ordered 180 Com 302

Meas Line Displace 21 Bis

**EQUIPMENT**

Pumptrk 17 No. Cementer Travis Common 180

Bulktrk 13 No. Driver Tyloc Poz. Mix

Bulktrk p.u. No. Driver Rick Gel. 3

**JOB SERVICES & REMARKS**

Remarks: Cement did Circulate Calcium 6

Rat Hole Hulls

Mouse Hole Salt

Centralizers Flowseal

Baskets Kol-Seal

D/V or Port Collar Mud CLR 48

Handling 189 CFL-117 or CD110 CAF 38

Mileage

**FLOAT EQUIPMENT**

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge Surface

Mileage 31

Signature [Signature] Tax

Discount

Total Charge



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 987

Date	7-27-14	Sec.	5	Twp.	18	Range	10	County	Rice	State	KS	On Location		Finish	3:15pm
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Location *Off on F to 3rd rd 1/2 S W 10*

Lease	<i>Jay Cat</i>	Well No.	<i>2</i>	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Contractor	<i>Royal #2</i>				Charge To	<i>Kirby Kirk</i>
Type Job	<i>Production Stilling</i>					
Hole Size	<i>7 7/8</i>	T.D.	<i>3235</i>			
Csg.	<i>5 1/2</i>	Depth	<i>3237</i>			
Tbg. Size		Depth				
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.		
Cement Left in Csg.	<i>22.40</i>	Shoe Joint	<i>22.40</i>	Cement Amount Ordered <i>180 com 10'/Salt 5'/G. 150 com</i>		
Meas Line		Displace	<i>76' KBC</i>	<i>50 gal mud clean</i>		

**EQUIPMENT**

Pumptrk	<i>18</i>	No.		Cementer	<i>Clayton</i>	Common
				Helper		Poz. Mix
Bulktrk		No.		Driver	<i>Clayton</i>	Gel.
				Driver		Calcium
Bulktrk	<i>9</i>	No.		Driver	<i>Clayton</i>	
				Driver		

**JOB SERVICES & REMARKS**

Remarks:		Hulls
Rat Hole	<i>305K</i>	Salt
Mouse Hole	<i>155K</i>	Flowseal
Centralizers		Kol-Seal
Baskets		Mud CLR 48
D/V or Port Collar		CFL-117 or CD110 CAF 38
	<i>5/2 set 3237 Ball 100 321460</i>	Sand
	<i>Est. Cement on P. and 500 gal</i>	Handling
	<i>Mud Clean 1036 Spot Cement R. 100</i>	Mileage
	<i>4. Mouse hole / cement 5' with 135 5K</i>	
	<i>Displace PWA PWA 100' @ 1500</i>	

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	<i>9 Turbo's</i>
Baskets	<i>2</i>
AFU Inserts	
Float Shoe	
Latch Down	<i>(Rotar 12)</i>
Pumptrk Charge	
Mileage	

Signature	<i>[Signature]</i>	Tax	
		Discount	
		Total Charge	

