Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1205254

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 # 34592
Name: Kansas Resource Exploration & Development, LLC
Address 1: 9393 W 110TH ST, STE 500
Address 2:
City: OVERLAND PARK State: KS Zip: 66210 + __ __ __ __
Contact Person: Bradley Kramer
Phone: (913) 451-6758
CONTRACTOR: License # 34223
Name: Utah Oil LLC
Wellsite Geologist: Bradley Kramer
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 #:

3/31/2014	4/1/2014	5/15/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-30050-00-00
Spot Description:
SE - SW - SE - NW Sec. 13 Twp. 18 S. R. 21 ☑ East ☐ West
2805 Feet from ☐ North / ☑ South Line of Section
3465 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Miami
Lease Name: Bartlett Well #: KR-18
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 891 Kelly Bushing: 891
Total Vertical Depth: 541 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 21 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/ 83 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 200 bbls
Dewatering method used: Evaporated

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:** Deanna Garrison **Date:** 05/19/2014

[redacted] 1205254

Operator Name: Kansas Resource Exploration & Development, LLC Lease Name: Bartlett Well #: KR-18

Sec. 13 Twp. 18 S. R. 21 ☑ East ☐ West County: Miami

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Gamma Ray/Neuton/CCL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Squirrel	472.5	-418.5

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	9.875	7	14	20.5	Portland	5	
Longstring	5.875	2.875	6.5	533.1	50/50 POZ	83	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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 *(Amount and Kind of Material Used)*	Depth
3	472.5-475.5		

TUBING RECORD: Size: 1 Set At: 533.1 Packer At:

Liner Run: ☑ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 5/15/2014

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 ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
472.5
475.5

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

CONSOLIDATED
Oil Well Services, LLC

267103

TICKET NUMBER 42769
LOCATION Ottawa
FOREMAN Alan Mader

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-1-14	4448	Bartlett KR-18	NW 13	18	21	Mi

CUSTOMER: Kansas Resources E&D
MAILING ADDRESS: 9393 W 110th
CITY: Overland Park | STATE: KS | ZIP CODE: 66210

TRUCK #	DRIVER	TRUCK #	DRIVER
730	Ala Mad	Safety Meet	
368	Bri. McD		
369	Der Mas		
503	Mat Coc		

JOB TYPE long string | HOLE SIZE 5 7/8 | HOLE DEPTH 541 | CASING SIZE & WEIGHT 2 7/8
CASING DEPTH 533.1 | DRILL PIPE | TUBING | OTHER bf 502.5
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING yes
DISPLACEMENT 2.9 | DISPLACEMENT PSI 800 | MIX PSI 200 | RATE 4 bpm

REMARKS: Held meeting. Established rate. Mixed & pumped 100# gel followed by 83 sk 50/50 cement plus 2% gel + 1/2# Phenoseal per sack. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI. Set float.

Utah, Brad

Alan Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368		1085.00
5406	20	MILEAGE	368		84.00
5402	533.1	casing footage	368		—
5407	1/2 min	ton miles	503		184.00
5502C	2	80 vac	369		200.00
1124	83	50/50 cement		954.50	
1118B	239#	gel		52.58	
1107A	42#	Pheno seal		56.70	
			material sub	1063.78	
			less 30%	-319.13	
			material total		744.65
4402	1	2 1/2 plug			29.50
				2729.92	
				SALES TAX	59.23
				ESTIMATED TOTAL	2386.38

completed

Ravin 3737

NO Company Rep

AUTHORIZTION Jim Okl TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this for

RECEIVED APR 07 2014

LEASE NAME Bartlett OPERATOR KRED START DATE: 4/1/14
WELL # KR-18 LOCATION: Miami API #
SURFACE PIPE: 20' Ft 7" Cement(#bags) 5
PRODUCTION: 2 7/8 PIPE: SIZE: " FT 533.1' Baffle 30.6' set at 502.5

Driller Brad 1 core

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
		soil - clay	0-8'			Shale	466-470
		Shale	8-19			lime	470-471
		lime	19-24		bleed	limey sand	471-472
		Shale	24-59			core 472-480	
		lime	59-60			lime	472-472
		Shale	60-68		Heavy bleed	Oil sand	472.3-473
		lime	68-83			95% shale	473.3-474
		~~lime~~ Shale	83-93		bleed	40% oil sand	474.9-47
		lime	93-120		light bleed	15% oil sand	476-477
		Shale	120-128			Shale	477-478
		lime	128-151		bleed	20% sand	478-480
		Shale	151-156			Shale	480.5-48
		lime	156-166		thin oil seams mostly shale		482-48
		Shale	166-184			~~Shale~~	~~483-48~~
		Gray Sand	184-187			Shale	488-5
		Shale	187-272			lime	540-54
		broken sand	272-280				
		Shale	280-308			TD 541	
		lime	308-316				
	Hard	sandy shale	316-323				
		Shale	323-333				
		lime	333-356				
		Shale	356-359				
		Gray Sand	359-361				
	bleed	Oil Sand	361-362				
	sandy	Gray Shale	362-364				
		Shale	364-373				
		BLK Shale	373-390				
		lime	390-399				
		Shale	399-410				
		lime	410-439				
		Shale	439-454				
		lime	454-457				
		coal	457-459				
	oil	lime	459-466				