Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1242122

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: N/A
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 #:

11/28/2014	12/3/2014	1/2/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-30853-00-00
Spot Description:
NW_NW_SW_SE Sec. 31 Twp. 16 S. R. 22 ☑ East ☐ West
1155 Feet from ☐ North / ☑ South Line of Section
2475 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: Loomer Well #: KR-17
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1066 Kelly Bushing: 0
Total Vertical Depth: 761 Plug Back Total Depth: 723
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 761
feet depth to: 0 w/ 108 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 0 ppm Fluid volume: 120 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:** NAOMI JAMES **Date:** 02/17/2015

1242122

Operator Name: Kansas Resource Exploration & Development, LLC Lease Name: Loomer Well #: KR-17

Sec. 31 Twp. 16 S. R. 22 ☑ 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/Neutron/CCL

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

Name	Top	Datum
Squirrel	641	-425

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	Portland	6	None
Production	5.875	2.875	6	752	50/50 POZ	108	None

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	641-655		

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

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:

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

CONSOLIDATED
Oil Well Services, LLC
Invoice # 802567

1414 / 1320

TICKET NUMBER 50698
LOCATION Ottawa
FOREMAN Alan Made

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
12-3-14	4448	Koome KR-17	SE 31	16	22	Mi

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

TRUCK #	DRIVER	TRUCK #	DRIVER
730	AlMad	Safety	Meet
495	Harbert		
370	Mik Hac		
548	Dam Wag		

JOB TYPE long string | HOLE SIZE 5 7/8 | HOLE DEPTH 761 | CASING SIZE & WEIGHT 2 7/8
CASING DEPTH 751.7 | DRILL PIPE | TUBING | OTHER bf 722.2
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING yes
DISPLACEMENT 4.2 | DISPLACEMENT PSI 800 | MIX PSI 200 | RATE 5 bpm

REMARKS: Held meeting. Established rate. Mixed & pumped 100# gel followed by 108 sk 50/50 cement plus 2% gel & 1/2# Pheno seal per sack. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI. Set float.

Waylon Utah

Alan Made

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		1085.00
5406	20	MILEAGE	495		84.00
5402	751.7	casing footage	495		—
5407	min	ton miles	548		368.00
5502C	1 1/2	80 vac	369		150.00
2003 1124	108	50/50 cement		12.42.00	
1118B	281#	gel		61.82	
1107A	54#	Pheno seal		72.90	
		material sub		1376.72	
		less 30%		-413.02	
		material total			963.70
4402	1	2 1/2 plug			29.50
				3200.80	
				SALES TAX	75.98
				ESTIMATED TOTAL	3276.18

completed

Ravin 3737

AUTHORIZTION Tracy 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 form.

SPUD DATE:	12-1-14
FINISH DATE:	12-2-14
LEASE:	Loomer
LEASE OPERATOR:	KRED
WELL:	KR-17
API:	15-121-30853
SEC: 31	TWP: 16 RNG: 22
COUNTY:	Miami
DRILLERS NAME:	Waylon Johns
RIG #:	2

UTAH OIL

2394 UTAH ROAD
RANTOUL, KS 66079

SURFACE: SIZE BIT 11" LENGTH 20' SIZE 7" CEMENT 6 Bags

DRILL BIT SIZE 5 7/8" LENGTH 751.70 SIZE 2 7/8 New BAFFLE 29.05

TD 761 CORED 645-665

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Soil/Clay	4	0	4	Shale	3	344	347
Lime	14	4	18	Lime	5	347	352
Shale	12	18	30	Shale	2	352	354
Lime	16	30	46	Lime	1	354	355
Shale	23	46	69	Shale	2	355	357
Lime	14	69	83	Lime KC	5	357	362
Shale	25	83	108	Shale	22	362	384
Lime	2	108	110	Grey Sand No Oil Show	2	384	386
Shale	72	110	182	Shale	79	386	465
Lime	2	182	184	Shale Some Broken Grey Sand No Show	11	465	476
Shale	1	184	185	Shale	61	476	527
Lime	16	185	201	Lime	7	527	534
Shale	12	201	213	Shale	7	534	541
Lime	2	213	215	Lime	3	541	544
Shale	1	215	216	Shale	21	544	567
Lime	1	216	217	Lime	2	567	569
Shale	18	217	235	Shale	19	569	588
Lime	2	235	237	Lime	3	588	591
Shale	2	237	239	Shale	4	591	595
Lime	5	239	244	Lime	2	595	597
Coal	6	244	250	Shale	5	597	602
Shale	9	250	259	Lime	5	602	607
Lime	15	259	274	Shale	4	607	611
Shale	15	274	289	Lime	2	611	613
Lime	10	289	299	Shale Some Small Lime Breaks	27	613	640
Shale	2	299	301	Shale 20% Grey Sand Small No Bleed	1	640	641
Lime	13	301	314	50% Oil Sand Bleed	1	641	642
Shale	2	314	316	Solid Oil Sand Good Bleed CP	3	642	645
Coal	3	316	319	Solid Oil Sand Good Bleed	6	645	651
Shale	2	319	321	Solid Grey Sand No Bleed	2.5	651	653.5
Lime	23	321	344	Shale/50% Oil Sand Bleed	1.25	653.5	654.75

SPUD DATE:	
FINISH DATE:	
LEASE:	
LEASE OPERATOR:	
WELL: KB-17	
API:	
SEC: TWP: RNG:	
COUNTY:	
DRILLERS NAME:	
RIG #:	

UTAH OIL

2394 UTAH ROAD
RANTOUL, KS 66079

SURFACE: SIZE BIT _____ LENGTH _____ SIZE _____ CEMENT _____

DRILL BIT SIZE _____ LENGTH _____ SIZE _____ BAFFLE _____

TD _____ CORED _____

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Shale	1.25	654.75	656				
Solid Oil Sand Bleed	5	656	661				
Shale/50% Oil Sand Very Light Bleed	4	661	665				
Shale Some Small Lime Breaks	96	665	761				