Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1242153

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 # 33961
Name: Consolidated Oil Well Services 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 #:

10/15/2014	10/21/2014	10/21/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-30754-00-00
Spot Description:
SE - SW - SW - SE Sec. 31 Twp. 16 S. R. 22 ☑ East ☐ West
165 Feet from ☐ North / ☑ South Line of Section
2145 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-30
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1079 Kelly Bushing: 0
Total Vertical Depth: 701 Plug Back Total Depth: 701
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: 701
feet depth to: 0 w/ 85 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:** 02/18/2015

1242153

Operator Name: Kansas Resource Exploration & Development, LLC Lease Name: Loomer Well #: KR-30

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:

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

Name	Top	Datum
Squirrel	655	-424

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	5	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

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

271982

TICKET NUMBER 50520 247
LOCATION Ottawa (3-4/16)
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
10-17-14	4448	Loomer KR-30	SE 31	16	22	Mi

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

FMW 341

TRUCK #	DRIVER	TRUCK #	DRIVER
730	Ala Mad	Safety	Meet
368	Ari McD	PUP 675	
370	Mik Fox	DRV 1389	
503	Tro Har	DRV 1400	

JOB TYPE plug | HOLE SIZE 5 7/8 | HOLE DEPTH 701 | CASING SIZE & WEIGHT
CASING DEPTH | DRILL PIPE | TUBING 1" 700' | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING
DISPLACEMENT | DISPLACEMENT PSI | MIX PSI | RATE 1 bpm

REMARKS: Held Meeting. Mixed & pumped 50 sk 50/50 cement plus 6% gel down 1" at hole TD. Pulled 1" to 350'. Mixed & pumped 35 sk cement, Circulated cement to surface. Pulled 1" out & topped off hole, leaving well full of cement, bottom to top.

85 sk total

Utah

Alan Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	368		1085.00
5406	20	MILEAGE	368		84.00
5407	1/2 min	ton miles	503		184.00
5502C	2	80 VAC	370		200.00
1124	85	50/50 cement		977.50	
1118B	428#	gel		94.16	
		material sub		1071.66	
		less 30%		321.50	
		material total		750.16	
				2706.64	
				SALES TAX	57.39
				ESTIMATED TOTAL	2360.55

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:	10-16-14
FINISH DATE:	10-17-14
LEASE:	Loomer
LEASE OPERATOR:	KRED
WELL:	KR-30
API:	15-121-30754
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 5 Bags

DRILL BIT SIZE 5 7/8 LENGTH N/A SIZE N/A BAFFLE N/A

TD 701 CORED One Core 669-689

FORMATIONS	THICKNESS	FROM	TO
Soil	5	0	5
Lime	11	5	16
Shale	4	16	20
Lime	1	20	21
Shale	10	21	31
Lime	16	31	47
Shale	22	47	69
Lime	14	69	83
Shale	22	83	105
Lime	1	105	106
Shale	77	106	183
Lime	2	183	185
Shale	1	185	186
Lime	12	186	198
Shale	1	198	199
Lime	3	199	202
Shale	30	202	232
Lime	12	232	244
Shale	3	244	247
Coal	6	247	253
Shale	4	253	257
Lime	18	257	275
Shale	15	275	290
Lime	10	290	300
Shale	1	300	301
Lime	14	301	315
Shale	6	315	321
Lime	23	321	344
Shale	3	344	347
Coal	2	347	349
Lime	6	349	355

FORMATION	THICKNESS	FROM	TO
Shale	2	355	357
Lime KC	6	357	363
Shale	107	363	470
Grey Sand No Oil Show	3	470	473
Shale	58	473	531
Lime	6	531	537
Shale	8	537	545
Lime	2	545	547
Shale Some Coal	25	547	572
Lime "Soft"	8	572	580
Shale	13	580	593
Lime	3	593	596
Shale	4	596	600
Lime	3	600	603
Shale	9	603	612
Lime	3	612	615
Shale	2	615	617
Lime	4	617	621
Shale	7	621	628
Lime	5	628	633
Shale	10	633	643
Lime	2	643	645
Shale	8	645	653
Shale 20% Grey Sand Oil Smell No Show	2	653	655
Shale w/ 5% Grey Sand Oil Smell No Show	8	655	663
Solid Grey Sand Very Light Bleed	5	663	668
Solid Grey Sand Bleed CP	1	668	669
Solid Sand Very Light Bleed	6	669	675
50% Sand / Lime No Bleed	1.25	675	676.25
Lime	1.75	676.25	678
Solid Grey Sand Oil Smell No Bleed	8.5	678	686.5

SPUD DATE:	
FINISH DATE:	
LEASE:	
LEASE OPERATOR:	
WELL: KR-30	
API:	
SEC:	TWP: RNG:
COUNTY:	
DRILLERS NAME:	
RIG #:	

2394 UTAH ROAD
RANTOUL, KS 66079

SURFACE: SIZE BIT _____ LENGTH _____ SIZE _____ CEMENT _____

DRILL BIT SIZE _____ LENGTH _____ SIZE _____ BAFFLE _____

TD _____ CORED _____

FORMATIONS	THICKNESS	FROM	TO
Shale "Black" TD	14.5	686.5	701

FORMATION	THICKNESS	FROM	TO