Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1242373

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 #:

11/24/2014	11/26/2014	1/2/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-30861-00-00
Spot Description:
SE - NW - SW - NW Sec. 13 Twp. 17 S. R. 22 ☑ East ☐ West
3465 Feet from ☐ North / ☑ South Line of Section
4785 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: Harra Well #: KR-10
Field Name:
Producing Formation: Wayside
Elevation: Ground: 1056 Kelly Bushing: 0
Total Vertical Depth: 562 Plug Back Total Depth: 530
Amount of Surface Pipe Set and Cemented at: 23 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 562
feet depth to: 0 w/ 80 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

1242373

Operator Name: Kansas Resource Exploration & Development, LLC Lease Name: Harra Well #: KR-10

Sec. 13 Twp. 17 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
Wayside	472	-584

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	23	Portland	5	None
Production	5.875	2.875	6	559	50/50 POZ	80	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	472-487		

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

1272
1224

CONSOLIDATED
Oil Well Services, LLC

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

Invoice #802355

TICKET NUMBER 50707
LOCATION Ottawa KS
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-26-14	4448	Harris # KR-10	NW 13	17	22	MI

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

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fre Mad		
495	Har Bre		
369	Mik Hea		
503	Tra Mor		

JOB TYPE Longstring | HOLE SIZE 5 7/8 | HOLE DEPTH 562 | CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 558.60 | DRILL PIPE Baffle in | TUBING @ 526.65 | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 31.95 + Plug
DISPLACEMENT 3.06 BBL | DISPLACEMENT PSI | MIX PSI | RATE 4 BPM

REMARKS: Held Safety meeting. Establish circulation. Mix + Pump 100# Gel Flush. Mix + Pump 80 sks 50/50 Poz Mix Cement 2% Gel 1/2# Pheno Seal/sk. Cement to surface. Flush pump + lines clean. Displace 2 1/2" Rubber plug to Baffle in casing. Pressure to 600# PSI. Release pressure to set float Valve. Shut in Casing.

Utah Drilling. Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		1085.00
5406	25mi	MILEAGE	495		105.00
5402	558.60	Casing Footage			NC
5407	Minimum	Ton Miles	503		368.00
5502C	1 1/2 hr	80 BBL Vac Truck	369		150.00
1124	80 SKs	50/50 Poz Mix Cement		920.00	
1118B	235#	Premium Gel		57.20	
1107A	40#	Pheno Seal		54.00	
		Material		1025.20	
		Less 30%		-307.71	
		Total			717.99
4402	1	2 1/2" Rubber Plug			29.50
				2843.92	
			7.65%	SALES TAX	57.18
				ESTIMATED TOTAL	2512.67

1910

Ravin 3737

AUTHORIZTION _____ 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:	24 Nov 14
FINISH DATE:	26 Nov 14
LEASE:	Harra
LEASE OPERATOR:	KRED
WELL:	KR10
API:	15-121-30861
SEC:	TWP: RNG:
COUNTY:	Miami
DRILLERS NAME:	Ronnie Howard
RIG #:	1

UTAH OIL

2394 UTAH ROAD
RANTOUL, KS 66079

SURFACE: SIZE BIT 9 7/8 LENGTH 22' SIZE 7" CEMENT 5 Bags

DRILL BIT SIZE 5 7/8 LENGTH 558.60 SIZE 2 7/8 BAFFLE 31.95

TD 562 CORED 472-492

FORMATIONS	THICKNESS	FROM	TO
Soil	10	0	10
Shale	6	10	16
Lime	14	16	30
Shale	107	30	137
Lime	17	137	154
Shale	32	154	186
Lime	4	186	190
Shale	30	190	220
Lime	13	220	233
Shale	13	233	246
Lime	25	246	271
Coal	3	271	274
Shale	7	274	281
Lime	16	281	297
Coal	5	297	302
Lime	18	302	320
Shale	137	320	457
Red Bed	4	457	461
Shale	6	461	467
Limey Sand	5	467	472
Broken limey Sand	7	472	479
Lime	1	479	480
Broken limey Sand	2	480	482
Lime	1	482	483
Broken Sand	4	483	487
Shale	21	487	508
Lime	6	508	514
Shale	5	514	519
Lime oil show	9	519	528
Shale	34	528	562

FORMATION	THICKNESS	FROM	TO

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