## KOLAR Document ID: 1316827

Confidentiality Requested:						
Yes	No					

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 January 2018 Form must be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM

WELL	HISTORY -		WELL &	IEASE
VV ĽLL		DESCRIP	WELL Q	LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:     SWD Permit #:	
SWD Permit #:      EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date Recompletion Date Recompletion Date	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 Drill Stem Tests Received					
Geologist Report / Mud Logs Received					
UIC Distribution					
ALT I II III Approved by: Date:					

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Operator Nam	ie:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

**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			og Formatio	on (Top), Depth	and Datum	Sample
(Attach Additional Sh					Name	e		Тор	Datum
Samples Sent to Geolo Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:			Yes No Yes No Yes No Yes No Yes No						
		Rep	CASING	RECORD	_ Ne <sup>r</sup> e, inte		ion, etc.		
Purpose of String	Size Hole Drilled	S	ize Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:     Depth       Perforate     Top Bottom       Protect Casing		Тур	Type of Cement # Sac		Used Type a			and Percent Additives	
Plug Back TD Plug Off Zone									
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fractular</li> </ol>	total base fluid of th	ie hydraulic f	racturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	skip questions 2 ar skip question 3) iill out Page Three	
Date of first Production/In Injection:	jection or Resumed	Production/	Producing Meth	nod:		Gas Lift 🗌 C	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity
			_					PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold	Used on Leas	ie L	Open Hole			·	mmingled mit ACO-4)		
Shots Per         Perforation         Perforation         Bridge Plug         Bridge Plug           Foot         Top         Bottom         Type         Set At			Bridge Plug Set At		Acid		ementing Squeeze		
TUBING RECORD:	Size:	Set At	:	Packer At:					

Form	ACO1 - Well Completion
Operator	Citation Oil & Gas Corp.
Well Name	BARRY LKC UNIT 6-13
Doc ID	1316827

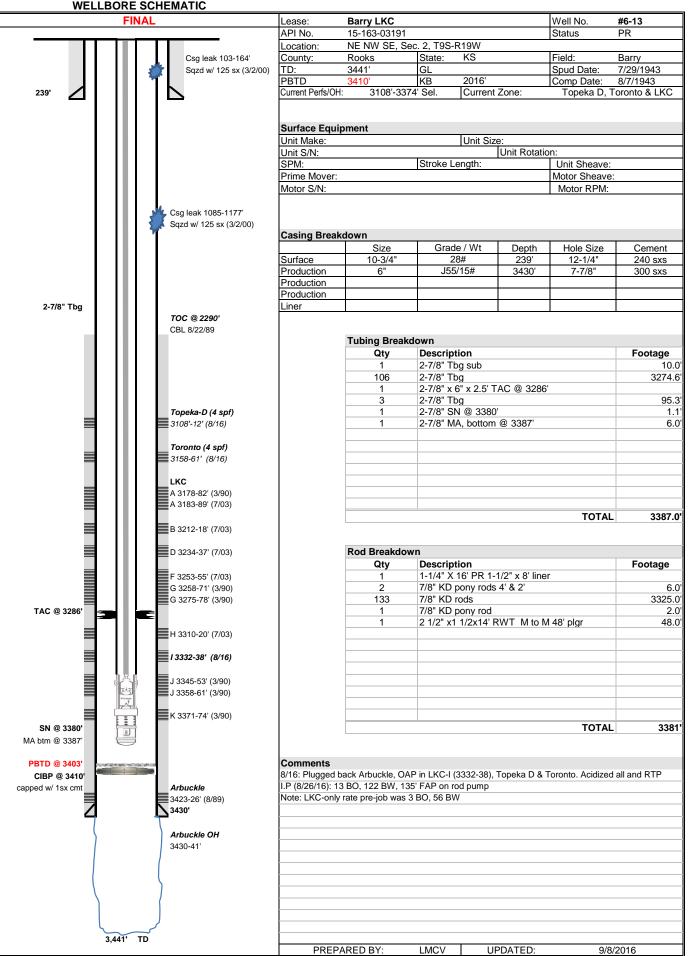
Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3108' - 3338'	Shot zones LKC I @ 3332-38', Toronto @ 3158-38', Topeka @ 3108-12', all w/ 4 spf.	
		Set RBP @ 3385 & pkr @ 3290 . Treat LKC H, I, J, & K zones w/ 1250 gals of 15% NE/FE	
		Set RBP @ 3295 & pkr @ 3173 Treat LKC A, B, D, F & G zones w/ 1250 gals of 15% NE/FE	
		Set RBP @ 3172'& pkr @ 3090 . Treat Topeka & Toronto w/ 700 gals 15% NE/FE	

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# Casing

	Size Casing Set	U U U	Type Of Cement	Type and Percent Additives



M:\Liana Ramirez\AAA MY STATES\Kansas\Barry Field - Hick, Hederhorst, Barry LKC\Barry LKC Unit\Barry LKC 6-13 aka Barry A3\Commingling Completion\Barry LKC #6-13 WBD.xlsx