Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1197853

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 #	API No. 15				
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:	Spot Description:				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
	Producing Formation:				
	Lease Name:       Well #:         Field Name:       Producing Formation:         Producing Formation:       Elevation:         Ground:       Kelly Bushing:         Total Vertical Depth:       Plug Back Total Depth:         Amount of Surface Pipe Set and Cemented at:       Multiple Stage Cementing Collar Used?         If yes, show depth set:       If yes, show depth set:				
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	Drilling Eluid Management Plan				
Plug Back     Conv. to GSW     Conv. to Producer					
	Chloride content: ppm Fluid volume: bbls				
Commingled Permit #:      Dual Completion Permit #:	Dewatering method used:				
Dual Completion Permit #: SWD Permit #:	Location of fluid diseased if housed offeiter				
	Location of huid disposal if hauled offsite:				
ENHR         Permit #:           GSW         Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West				
Recompletion Date Reached TD Recompletion Date or 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					
Geologist Report Received					
UIC Distribution					
ALT I II Approved by: Date:					

# CORRECTION #1

1197853

Operator Na	me:			Lease Name:	_ Well #:
Sec	Twp	_S. R	East West	County:	

**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)				og Formatio	n (Top), Depth and	d Datum	Sample
Samples Sent to Geological Survey		Yes No	Nam	e		Тор	Datum
Cores Taken   Yes     Electric Log Run   Yes							
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on, 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
		ADDITIONAL	CEMENTING / SQL	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone	Plug Off Zone						
Did you perform a hydraulic fracturing treatment on this well?				Yes	No (If No, skip	o questions 2 and	d 3)
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000			ceed 350,000 gallons	? Yes	No (If No, skip	o question 3)	
Was the hydraulic fracturing treatment information submitted to the chemical disclosure reg			disclosure registry?	Yes	No (If No, fill o	out Page Three o	f the ACO-1)
Shots Per Foot	ots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				cture, Shot, Cement st nount and Kind of Mat		Depth
	Opeony		oratod	(70)			Dopui

	Specify Footage of Each Interval Perforated							(Amount and Kind	l of Material Used)	Depth
TUBING RECORD:	Size: Set At: Packer At:			r At:	Liner F	-	No			
Date of First, Resumed	Product	ion, SWD or ENHF	<b>}</b> .	Producing Me	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	POSITION OF GAS: METHOD OF COMPLE				TION:		PRODUCTION IN	NTERVAL:		
Vented Sold Used on Lease			Open Hole	Perf.	Dually (Submit A		Commingled (Submit ACO-4)			
(If vented, Submit ACO-18.) Other (Specify)					. ,					

Form	ACO1 - Well Completion
Operator	Ritchie Exploration, Inc.
Well Name	Hammeke 13C 1
Doc ID	1197853

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	232	common	170	2% gel, 3% cc
Production	7.875	5.5	15.5	4683	OWC	170	10% salt, 2% gel, .25% CDI- 26, 5# per sack KolSeal

## Summary of Changes

Lease Name and Number: Hammeke 13C 1 API/Permit #: 15-101-22470-00-00 Doc ID: 1197853 Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value	
Approved Date	02/07/2014	04/07/2014	
Date of First or Resumed Production or		4/1/2014	
SWD or Enhr LocationInfoLink	https://solar.kgs.ku.edu/ kcc/detail/locationInform	https://kolar.kgs.ku.edu/ kcc/detail/locationInform ation.cfm?section=13&t	
Perf_Record_3	ation.cfm?section=13&t ****Waiting on waterline****	ation.clm?section=13&t	
Producing Method Pumping	No	Yes	
Production - Barrels Oil		50.65	
Production - Barrels of Water		10.86	
Production - Oil Gravity		34	
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11 86591	//kcc/detail/operatorE ditDetail.cfm?docID=11 97853	



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1186591

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

## CONFIDENTIAL WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
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:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	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 ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back 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 #.           ENHR         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 Reached 1D Recompletion Date of 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					
Geologist Report Received					
UIC Distribution					
ALT I II III Approved by: Date:					