Kansas Corporation Commission Oil & Gas Conservation Division 1269785

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:		SecTwpS. R				
Address 2:		Feet from North / South Line of Section				
City: State: 2	Zip:+	Feet from _ East / _ West Line of Section				
Contact Person:		Footages Calculated from Nearest Outside Section Corner:				
Phone: ()		□NE □NW □SE □SW				
CONTRACTOR: License #		GPS Location: Lat:, Long:				
Name:		(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)				
Wellsite Geologist:		Datum: NAD27 NAD83 WGS84				
Purchaser:		County:				
Designate Type of Completion:		Lease Name: Well #:				
New Well Re-Entry	Workover	Field Name:				
		Producing Formation:				
Oil WSW SWD	SIOW	Elevation: Ground: Kelly Bushing:				
☐ Gas ☐ D&A ☐ ENHR☐ OG ☐ GSW	☐ SIGW	Total Vertical Depth: Plug Back Total Depth:				
☐ OG ☐ GSW ☐ CM (Coal Bed Methane)	Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Expl., etc.):		Multiple Stage Cementing Collar Used? Yes No				
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						
Deepening Re-perf. Conv. to I	<u>.</u>	Drilling Fluid Management Plan				
	GSW Conv. to Producer	(Data must be collected from the Reserve Pit)				
	_	Chloride content:ppm Fluid volume:bbls				
		Dewatering method used:				
		Downtoning motion dood.				
		Location of fluid disposal if hauled offsite:				
		Operator Name:				
GSW Permit #:		Lease Name: License #:				
Canad Data as Data Data LTD	Completion Data and	Quarter Sec Twp S. R				
Spud Date or Date Reached TD Recompletion Date	Completion 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** 

Confidentiality Requested:

Yes No

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:



CORRECTION #2

Operator Name:				Lease I	Name: _			_ Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre hart(s). Attach	essure reac extra shee	hed stat	ic level, hydrosta space is neede	tic pressures, bod.	ottom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						ogs must be ema	alled to KCC-Well-	ogs@kcc.ks.go	v. Digital electi	ronic log
Drill Stem Tests Taker (Attach Additional		Ye	es No			3	on (Top), Depth a		Sampl	
Samples Sent to Geo	logical Survey	_ Ye	es 🗌 No		Nam	е		Тор	Datum	1
Cores Taken Electric Log Run		☐ Ye								
List All E. Logs Run:										
				RECORD	Ne					
						ermediate, product				
Purpose of String	Size Hole Drilled		e Casing : (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives		
Perforate Protect Casing										
Plug Back TD Plug Off Zone										
Did you perform a hydrau	ulic fracturing treatment of	on this well?	>			Yes	No (If No, s	kip questions 2 aı	nd 3)	
Does the volume of the to			-		-			kip question 3)	(   100 1)	
Was the hydraulic fractur	ing treatment information	n submitted	to the chemical of	disclosure re	gistry'?	Yes	No (If No, f	ll out Page Three	of the ACO-1)	
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Ceme			Depth
	, ,					,		,		· · · · ·
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:				
							Yes N	0		
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth Flowing	nod:	g 🗌	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	Oil	3bls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gra	avity
DISPOSITION	ON OF GAS:		h	METHOD OF	COMPL	=TION:		ספרו ורדונ	ON INTERVAL:	
Vented Solo			Open Hole	Perf.	Dually	Comp. Con	mmingled	THODOCIN	ZIV IIV I LETVAL.	
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)			

Form	ACO1 - Well Completion	
Operator	Knighton Oil Company, Inc.	
Well Name	Kachelman 4	
Doc ID	1269785	

## Tops

Name	Тор	Datum
Anhydrite	852	+1122
Heebner	3514	-1540
Lansing	3684	-1710
ВКС	3944	-1970
Mississippian	4038	-2064
Viola	4120	-2146
Simpson Shale	4278	-2304
Arbuckle	4330	-2356

Form	ACO1 - Well Completion	
Operator	Knighton Oil Company, Inc.	
Well Name	Kachelman 4	
Doc ID	1269785	

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.2500	8.6250	23	270	common		60/40 pozmix
Production	7.8750	5.500	15.5	4340	common	260	AA2

## **Summary of Changes**

Lease Name and Number: Kachelman 4

API/Permit #: 15-185-23903-00-00

Doc ID: 1269785

Correction Number: 2

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	12/05/2014	11/02/2015
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 34193	//kcc/detail/operatorE ditDetail.cfm?docID=12 69785
Tubing Set At	01100	4100

Kansas Corporation Commission Oil & Gas Conservation Division

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# Yes No

Confidentiality Requested:

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

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	County:
Purchaser:	Lease Name: Well #:
Designate Type of Completion:	Field Name:
☐ New Well ☐ Re-Entry ☐ Workover	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW ☐ Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
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Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
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: 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)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	QuarterSecTwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Permit #:

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Submitted Electronically

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Date:
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ALT I II III Approved by: Date:



Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

1223604

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:	SecTwpS. R			
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City:	Feet from _ East / _ West Line of Section			
Contact Person:	Footages Calculated from Nearest Outside Section Corner:			
Phone: ()	□NE □NW □SE □SW			
CONTRACTOR: License #	GPS Location: Lat:, Long:			
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)  Datum: NAD27 NAD83 WGS84			
Wellsite Geologist:				
Purchaser:	County:			
Designate Type of Completion:	Lease Name: Well #:			
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:			
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Producing Formation:			
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:			
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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			
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Commingled Permit #:	Chloride content:ppm Fluid volume:bbls			
Dual Completion Permit #:	Dewatering method used:			
SWD Permit #:	Location of fluid disposal if hauled offsite:			
ENHR Permit #:				
GSW Permit #:	Operator Name:			
	Lease Name: License #:			
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West			
Recompletion Date Recompletion Date	Countv: Permit #:			

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