Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1364165

Form ACO-1 November 2016 Form must be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM

WELL HISTORY	- DESCRIPTION	<b>OF WELL &amp; LEASE</b>

OPERATOR: License #		API No.:
Name:		Spot Description:
Address 1:		
Address 2:		Feet from  North / 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:
	WD	Elevation: Ground: Kelly Bushing:
	OR SW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	3₩	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., e	tc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follo		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: Ori		
	nv. to EOR Conv. to SWD	Drilling Fluid Menogement Dien
	onv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
		Chloride content: ppm Fluid volume: bbls
	t #:	Dewatering method used:
	t #:	
	: #:	Location of fluid disposal if hauled offsite:
	t #:	Operator Name:
		Lease Name: License #:
Spud Date or Date Reached TD	Completion Date or	Quarter Sec TwpS. R East West
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 Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INSTRUCTIONS: Show important tops of formations penetrated. De	tail all cores Report all fin	al conjes of drill stems tests giving interval tested, time tool

**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).

	Il Stem Tests Taken Yes No Log Formation (Top), Depth and Datum (Attach Additional Sheets)					Sample		
Samples Sent to	,	/ev	Yes No	Na	ame		Тор	Datum
Cores Taken Electric Log Run Geolgist Report / List All E. Logs R	/ Mud Logs	[	Yes No Yes No Yes No					
			CASING Report all strings set-		New Used	tion etc		
Purpose of St		e Hole rilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	)		
Purpose: Perforate		epth Bottom	Type of Cement	# Sacks Used	Jsed Type :		and Percent Additives	
Protect Ca	TD							
Plug Off Zo	one							
	e of the total base	fluid of the hydrau	this well? ulic fracturing treatmen ubmitted to the chemic	-		No (If No	, skip questions 2 ar , skip question 3) , fill out Page Three (	
Date of first Produce Injection:	ction/Injection or R	Resumed Production	on/ Producing Met	hod:	Gas Lift	Other <i>(Explain)</i>		
Estimated Produc Per 24 Hours	Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio				Gravity			
DISPO	OSITION OF GAS:	:		METHOD OF COM	PLETION:		PRODUCTIO	ON INTERVAL:
Vented Sold Used on Lease		d on Lease	Open Hole		Dually Comp. Commingled		Тор	Bottom
(If vente	ed, Submit ACO-18.)	)		(Sul	omit ACO-5) (Sul	bmit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acic		Cementing Squeeze Kind of Material Used)	

Packer At:

Size:

Set At:

TUBING RECORD:

Form	ACO1 - Well Completion		
Operator	Bobcat Oilfield Service, Inc.		
Well Name	HARVEY I-7		
Doc ID	1364165		

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	8.750	6	8	20	Portland	5	POZ
Production	5.625	2.875	6	335	Portland	48	60/40 POZ

					7				Well #: I-7		
100000000000000000000000000000000000000	Lease: Harvey Owner: Bobcat oilfield services Inc.										
				services Inc.	Dale Jackson Production Co. Box 266, Mound City, Ks 66056			on Co.	Location: SE SW SE SE S5 T20 R23		
OPR	#:	38		AN				s 66056	County: Linn		
Conti	ractor:	DA	LE JACKSON	N PRODUCTION CO.	Cell # 620-363-2683				FSL: 63		
OPR	<b>#:</b>	43	39		Offic	e <b># 91</b> 3	8-795-29	991	FEL: 685 API#:15-107-25205-00-00 Started:6/16/2017		
Surfa	ce:	Ce	mented:	Hole Size:							
20' of	f 6"	5 S	acks	8 ¾"							
	string:	Ce	mented:	Hole Size:					Completed:6/19/2017		
	of 2 7/8"	48	sacks	5 5/8"	SN: none	SN: none Packer:			TD: 341		
8 rou	nd pipe										
		1	Well Lo	og	Plugged:	Plugged: Bottom Plug:					
TKN	втм		Formation			TKN	BTM	Formation			
	Depth						Depth				
1	1		Top soil						12.		
3	4		Clay and lim	16							
25	29		Lime								
3	32		Shale Black chalo								
4 19	36 55		Black shale Lime								
2	57		Shale								
3	60		Black shale								
3	63		Lime								
5	68		Shale								
6	74		Lime								
1	75	Black shale					_				
43	118		Shale								
18	136		Sandy (dry)				Surface set 6/16/2017				
94	230		Shale					Call in 10:45a.m. Broo	ke		
1	231		Black shale				Set time 1:00 P.m.				
5	236	-	Shale				Longstring 335' 2 7/8" 8rd TD341' Set time 12:00 p.m. 6/19/2017 call in 11:00a.m. Brooke				
5 26	241 267		Shale(limey Shale	)				Set time 12:00 p.m. 6/.	19/2017 call in 11:00a.m. Brooke		
8	207		Lime (odor)								
5	280		Shale								
7	287		Sandy shale	(oil sand strk.)							
7	294		Oil sand (fai								
2	296			ney)(poor bleed)	-						
3	299			me shale)(fair bleed)							
5	304			(oil sand strk)							
6	310			aley)(fair bleed)							
11	321		Shale								
2	323 331		Coal Shale								
TD	341		lime								
.0	5.1		inne								
			N.	The state							
				Dentemente							
								SET SURFACE – 2:00 PM			
								CALLED IN 12:43 PM -			
								LONGSTRING - 339' of			
								SET TIME 1:00 PM - 7/2 CALLED IN 11:18 AM - 7			
		-						CALLED IN 11:18 AIVI -	ALKED TO DROUKE		