Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

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:			SecTwp S. R
Address 2:			Feet from North / South Line of Section
City: Sta	ate: Zi	p:+	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.xxxxxx)
Wellsite Geologist:			Datum: NAD27 NAD83 WGS84
Purchaser:			County:
Designate Type of Completion:			Lease Name: Well #:
New Well Re-l	Entry	Workover	Field Name:
			Producing Formation:
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A	GSW	Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	d3vv	remp. Abu.	Amount of Surface Pipe Set and Cemented at: Fee
Cathodic Other (Core,	. Expl., etc.);		Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info			If yes, show depth set: Fee
Operator:			If Alternate II completion, cement circulated from:
Well Name:			feet depth to:w/sx cm
Original Comp. Date:			·
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from the Reserve Pit)
Comming to d	Downsit #		Chloride content: ppm Fluid volume: bbls
CommingledDual Completion			Dewatering method used:
SWD			Location of fluid disposal if hauled offsite:
☐ ENHR			Location of haid disposal in hadied offsite.
☐ GSW			Operator Name:
_			Lease Name: License #:
Spud Date or Date Read	ched TD	Completion Date or	QuarterSec TwpS. R East Wes
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

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 Approved by: Date:				

Operator Name:				_ Lease N	Name: _			Well #:	
Sec Twp	S. R	East V	Vest	County	:				
INSTRUCTIONS: Show open and closed, flowing and flow rates if gas to	ng and shut-in pressur surface test, along wi	es, whether s th final chart(s	hut-in pres s). Attach	ssure reacl extra shee	ned stati t if more	c level, hydrosta space is neede	tic pressures, bot d.	tom hole temp	erature, fluid recovery,
Final Radioactivity Log, files must be submitted						gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional Sh	neets)	Yes [No				on (Top), Depth a		Sample
Samples Sent to Geolo	gical Survey	Yes	No		Nam	е		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ Yes ☐	No No						
List All E. Logs Run:									
		Report all s	CASING I		Ne	w Used	ion, etc.		
Purpose of String	Size Hole Drilled	Size Casi Set (In O.	ing	Weig Lbs. /	jht	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADI	DITIONAL	CEMENTIN	JG / SQL	JEEZE RECORD			
Purpose:	Depth	Type of Cer		# Sacks			Type and F	Percent Additives	
Perforate Protect Casing Plug Back TD	Top Bottom								
Plug Off Zone									
Did you perform a hydrauli Does the volume of the tota Was the hydraulic fracturin	al base fluid of the hydra	ulic fracturing tre			_	Yes [Yes [Yes [No (If No, sk	ip questions 2 ar ip question 3) out Page Three	
Shots Per Foot		NRECORD - Botage of Each In					cture, Shot, Cemen mount and Kind of Ma		d Depth
TUBING RECORD:	Size:	Set At:		Packer At	:	Liner Run:	Yes No		
Date of First, Resumed P	roduction, SWD or ENH		lucing Meth	od: Pumpin	g	Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil Bb	ols.	Gas I	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITION	N OF GAS:		M	IETHOD OF	COMPLE	ETION:		PRODUCTION	ON INTERVAL:
Vented Sold	Used on Lease	Open H	Hole	Perf.			nmingled		
(If vented, Subn	nit ACO-18.)	Other (Specify)		(Submit)	-100-5) (Sub	mit ACO-4) —		

Form	ACO1 - Well Completion		
Operator	Chieftain Oil Co., Inc.		
Well Name	Roark 1		
Doc ID	1263162		

All Electric Logs Run

Geological Log	
Sector Bond / Gamma Ray CCL Log	
Dual Induction Log	
Micro Log	
Compensated Density / Neutron PE Log	

Form	ACO1 - Well Completion		
Operator	Chieftain Oil Co., Inc.		
Well Name	Roark 1		
Doc ID	1263162		

Tops

Name	Тор	Datum
Heebner	3731	-2396
Kansas City	4312	-2977
Cherokee	4702	-3367
Mississippian	4802	-3467
Viola	5214	-3879
Simpson Sd.	5326	-3991
Arbuckle	5524	-4189
Total Depth	5546	-4211

Summary of Changes

Lease Name and Number: Roark 1 API/Permit #: 15-007-23956-00-00

Doc ID: 1263162

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	12/13/2012	09/03/2015
Fracturing Question 1		Yes
Fracturing Question 2		No
LocationInfoLink	https://solar.kgs.ku.edu/ kcc/detail/locationInform	https://kolar.kgs.ku.edu/ kcc/detail/locationInform
Save Link	ation.cfm?section=10&t//kcc/detail/operatorE ditDetail.cfm?docID=11	ation.cfm?section=10&t//kcc/detail/operatorE ditDetail.cfm?docID=12
Tubing Size	04461 2-7/8	63162 2.875
Well Type	OIL	GAS



CONFIDENTIAL OIL & GAS CON

Kansas Corporation Commission Oil & Gas Conservation Division

1104461

Form ACO-1
June 2009
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 East _ West
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: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
☐ New Well ☐ Re-Entry ☐ Workover	Total Depth: Plug Back Total Depth:
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:	Amount of Surface Pipe Set and Cemented at: Fee Multiple Stage Cementing Collar Used?
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW Plug Back: Plug Back Total Depth Commingled Permit #: Dual Completion Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	QuarterSecTwpS. R East Wes
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

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				
Letter of Confidentiality Received				
Date:				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I II III Approved by: Date:				