

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1358856

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 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 #		GPS Location: Lat:, Long:			
Name:		(e.g. xx.xxxxx) (e.gxxx.xxxxx)			
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 ☐ ENHF☐ OG ☐ GSW	SIGW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:			
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: Origina		social apparties.			
	DENHR Conv. to SWD				
☐ Plug Back ☐ Conv. to		Drilling Fluid Management Plan (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 #: _		One water News ex			
GSW Permit #:		Operator Name:			
		Lease Name: License #:			
Spud Date or Date Reached TD	Completion Date or	Quarter Sec. Twp. S. R. East West			
Recompletion Date	Recompletion Date	Countv: 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:					



Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flowin	ng and shut-in pressu	formations penetrated. If ures, whether shut-in preview final chart(s). Attach	essure reached stati	c level, hydrosta	atic pressures, bot		
		otain Geophysical Data a or newer AND an image		gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken Yes No (Attach Additional Sheets)				Log Formation (Top), Depth and Datum Sample			
Samples Sent to Geolo	gical Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING	RECORD Ne	w Used			
			conductor, surface, inte		tion, etc.		
Purpose of String	Size Hole Drilled			Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQL	EEZE RECORD	1		
Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone		Type of Cement	# Sacks Used Type and Percent Additives				
Did you perform a hydrauli	_	on this well? raulic fracturing treatment ex	xceed 350,000 gallons	Yes[? Yes[ip questions 2 ai	nd 3)
Was the hydraulic fracturin	g treatment informatior	submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)
Shots Per Foot	DN RECORD - Bridge Pluç footage of Each Interval Per	gs Set/Type forated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed P	roduction, SWD or EN	HR. Producing Met		Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wat	er B	Bbls. C	Gas-Oil Ratio	Gravity
DISPOSITION Vented Sold (If vented, Subm	Used on Lease	Open Hole	METHOD OF COMPLE Perf. Dually (Submit)	Comp. Con	mmingled omit ACO-4)	PRODUCTIO	ON INTERVAL:

Form	ACO1 - Well Completion
Operator	Kansas Resource Exploration & Development, LLC
Well Name	KNABE-D KA-4
Doc ID	1358856

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	7	19	23	Portland	10	NA
Production	5.625	2.875	7	893	50/50 Poz		Service Company