CORRECTION #1

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:				st West		
Address 2:			Feet from North / South Line	of Section		
City: Sta	ate: Zi _l	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.	xxxxx)		
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 ☐ OG	GSW	Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:			
CM (Coal Bed Methane)	dow	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			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:			<u> </u>			
Deepening Re-perf.	Conv. to Ef	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)			
O constituents of	D		Chloride content:ppm Fluid volume:	bbls		
CommingledDual Completion			Dewatering method used:			
SWD			Location of fluid disposal if hauled offsite:			
☐ ENHR			Location of hald disposal if fladied offsite.			
GSW Permit #:			Operator Name:			
_			Lease Name: License #:			
Spud Date or Date Read	ched TD	Completion Date or	Quarter Sec TwpS. R Ea	st 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

Confidentiality Requested:

Yes No

KCC Office Use ONLY					
Confidentiality Requested					
Date:					
Confidential Release Date:					
Wireline Log Received					
Geologist Report Received					
UIC Distribution					
ALT I III Approved by: Date:					

CORRECTION #1

1323669

Lease Name: Well #:

Operator Name:				_ Lease N	ame: _			Well #:	
Sec Twp	S. R	East [West	County:					
INSTRUCTIONS: Show open and closed, flowing and flow rates if gas to Final Radioactivity Log,	ng and shut-in pressur surface test, along wi	res, wheth	ner shut-in prea art(s). Attach	ssure reach extra sheet	ed stati	c level, hydrosta space is needed	tic pressures, bo d.	ottom hole temp	erature, fluid recovery,
files must be submitted	-								Ç Ç
Drill Stem Tests Taken (Attach Additional Sh	neets)	Yes	s No				on (Top), Depth		Sample
Samples Sent to Geolo	gical Survey	Yes	s No		Nam	е		Тор	Datum
Cores Taken Electric Log Run		Yes Yes							
List All E. Logs Run:									
		Papart	CASING		☐ Ne	w Used	on etc		
Purpose of String	Size Hole Drilled	Size	Casing In O.D.)	Weigh	nt	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Durage	Depth					EEZE RECORD			
Purpose: Perforate Protect Casing Plug Back TD	Top Bottom	Type of Cement # Sacks Used Type and Percent Additives							
Plug Off Zone									
Did you perform a hydraulion Does the volume of the total Was the hydraulic fracturing	al base fluid of the hydra	ulic fracturi	_		-	Yes ? Yes Yes	No (If No, s	kip questions 2 ai kip question 3) ill out Page Three	,
Shots Per Foot) - Bridge Plugs ach Interval Perf				cture, Shot, Ceme mount and Kind of N		d Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:	Yes N	0	
Date of First, Resumed P	roduction, SWD or ENH	R.	Producing Meth Flowing	od:		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bb	ols.	Gas	Mcf	Wate	er Bl	bls.	Gas-Oil Ratio	Gravity
DISPOSITION	N OF GAS:		I./	IETHOD OF (COMPLE	TION:		PRODUCTION	ON INTERVAL:
Vented Sold	Used on Lease	Op	oen Hole	Perf.	Dually	Comp. Con	nmingled	. 1.0500110	
(If vented, Subn	 nit ACO-18.)	Ot	her <i>(Specify)</i>		(Submit A	(Subi	mit ACO-4) —		

Form	ACO1 - Well Completion
Operator	Petroleum Technologies, Inc.
Well Name	Knabe A 12
Doc ID	1323669

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7.0	17	22	Common	5	None
Production	5.625	2.875	6.5	953	50/50 Pozmix		2%gel, 1/4# Floseal

Summary of Changes

Lease Name and Number: Knabe A 12

API/Permit #: 15-091-24339-00-00

Doc ID: 1323669

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	06/09/2015	12/01/2016
Completion Or Recompletion Date	02/12/2015	11/16/2016
Date of First or Resumed Production or		11/28/2016
SWD or Enhr Fracturing Question 1	No	Yes
Fracturing Question 2		No
Liner Run?		No
Method Of Completion - Perf	No	Yes
Perf_Depth_1		880 - 894
Perf_Depth_2		880 - 894

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Perf_Material_1		Acid: 75 gal 15% HCL
Perf_Material_2		Frac: 3sx 16/30, 42sx 12/20, 135 bbls gelled
Perf_Record_1		wtr 880 - 894
Perf_Shots_1		3
Producing Method Pumping	No	Yes
Production - Barrels Oil		1
Production - Barrels of Water		5
Production - MCF Gas		0
Production Interval #1		880 - 894
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12	//kcc/detail/operatorE ditDetail.cfm?docID=13
Tubing Set At	54217	23669 880
Tubing Size		1