CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION KOLAR Document ID: 1357588

Form ACO-1 January 2018 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

Confidentiality Requested:

Yes No

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / 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:
	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
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 Total Depth:	
Deepening Re-perf. Conv. to EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	Location of fluid disposal if hauled offsite:
□ EOR Permit #:	Location of huid disposal if hadred offsite.
GSW Permit #:	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:						

CORRECTION #1

Operator Name:	Leas	se Name:	Wel	#:					
Sec TwpS. R		nty:	-						
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 files must be submitted in LAS version 2.0		0	ust be emailed to kcc-well-logs@	kcc.ks.gov. Digital electronic log					
Drill Stem Tests Taken (Attach Additional Sheets)	Yes No	Log	Formation (Top), Depth and Da						
Samples Sent to Geological Survey	Yes No	Name	То	p Datum					
Cores Taken	Yes No								

Geologist Report / Mud Logs List All E. Logs Run:

Electric Log Run

		CASING Report all strings set-c	RECORD Ne		on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

1.	Did you perform a hydraulic fracturing treatment on this well?
2.	Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallo

۷.	Does the volume of the total base huld of the hydraulic fracturing treatment exceed 550,000 gallons?	ie
3.	Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Ye

Yes No

Yes No

 Yes
 No
 (If No, skip questions 2 and 3)

 ons?
 Yes
 No
 (If No, skip question 3)

 Yes
 No
 (If No, fill out Page Three of the ACO-1)

Date of first Production/Injection or Resumed Production/ Injection:			Producing M	ethod:	ping	Gas Lift	Other (Explain)			
Estimated Production Oil Bbls. Per 24 Hours		Gas	Mcf	١	Water	Bbls.	Gas-Oil Ratio	Gravity		
DISPOSITION OF GAS:			METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)			PRODUCTIO Top	N INTERVAL: Bottom			
Shots Per Foot Perforation Top Perforation Bottom Br Image: Shots Per Foot Image: Shots Per Bottom Image: Shots Per Bottom<		Bridge Plug Type	Bridge I Set A				ot, Cementing Squeeze I d Kind of Material Used)	Record		
TUBING RECORI	D: Siz	ze:	Set At:		Packer At	t:				

Form	ACO1 - Well Completion
Operator	TDI, Inc.
Well Name	Wittman 1
Doc ID	1357588

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3350'-3354'	250 gal. 15%, 1500 gal. 20%	

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Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	1031	SMD	375	1/4# flocele
Production	7.875	5.5	14	3524	Common	150	10% salt, 5% gilsonite, 2% gel



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1353411

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

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C	CON	١FI	D	ΞN	TIAL	WELL		ETION F	ORM	
					WELL	HISTOR	- DESCRIP	TION OF \	WELL & I	LEASE

OPERATOR: License #	API No. 15			
Name:	Spot Description:			
Address 1:				
Address 2:	Feet from Dorth / 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.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 □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing:			
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:			
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet			
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?			
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Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)			
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Dual Completion Permit #:				
SWD Permit #:	Location of fluid disposal if hauled offsite:			
ENHR Permit #:	Operator Name:			
GSW Permit #:	Lease Name: License #:			
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West			
Spud Date orDate Reached TDCompletion Date orRecompletion DateRecompletion 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							
Geologist Report Received							
UIC Distribution							
ALT I II III Approved by: Date:							

Summary of Changes

Lease Name and Number: Wittman 1

API/Permit #: 15-051-26866-00-00

Doc ID: 1357588

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value	
Approved Date	06/05/2017	06/16/2017	
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=13	//kcc/detail/operatorE ditDetail.cfm?docID=13	
Well Type	53411 DH	57588 OIL	