CORRECTION #2

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1165881

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:	
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 #	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:
	Amount of Surface Pipe Set and Cemented at: Feel
☐ Oil ☐ WSW ☐ SWD ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW	
□ Gas □ DaA □ ENRR □ SIGW □ OG □ GSW □ Temp. Abd.	Multiple Stage Cementing Collar Used? Yes No
CM (Coal Bed Methane)	If yes, show depth set: Feet
Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	feet depth to:w/sx cmt
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Dewatering method used:
Conv. to GSW	
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	Fermit#
Spud Date or Recompletion Date Date Reached TD Completion Date or 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 Approved by: Date:					

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Operator Name:				Lease Name:	. Well #:
Sec	Twp	_S. R	East West	County:	

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)		Yes	Yes No			og Formatio	on (Top), Depth ar	Sample	
Samples Sent to Geolog	jical Survey	Yes	No		Name	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	☐ Yes ☐ Yes ☐ Yes	☐ No ☐ No ☐ No						
List All E. Logs Run:									
		Report al			Ne Ne	w Used rmediate, produc	tion etc		
Purpose of String	Size Hole Drilled	Size Ca Set (In	asing	Weig Lbs. /	ht	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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed Pr	roduct	ion, SWD or ENH	۶.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
			I							
DISPOSITION	TON OF GAS: METHOD OF COMPLE			TION:		PRODUCTION IN	TERVAL:			
Vented Sold		Jsed on Lease	on Lease Open Hole Perf. Dually (Submit A			r Comp. 4C <i>O-5)</i>	Commingled (Submit ACO-4)			
(If vented, Submit ACO-18.) Other (Specify)										

Summary of Changes

Lease Name and Number: Troy Birk 1-12 E API/Permit #: 15-207-28453-00-00 Doc ID: 1165881 Correction Number: 2 Approved By: Deanna Garrison

Field Name Previous Value New Value Approved Date 07/01/2013 10/30/2013 Date of First or 10/28/2013 **Resumed Production or** SWD or Enhr Method Of Completion -No Yes Perf Perf_Depth_1 1156-1162 Perf_Material_1 100 gal 15%HCL Perf_Material_2 300# 16/30 Sand Perf_Material_3 5700# 12/20 Sand Perf_Record_1 1156-1162 Perf_Shots_1 2 Producing Method No Yes Pumping

Summary of changes for correction 2 continued

Field Name	Previous Value	New Value
Production - Barrels Oil		0.5
Production - Barrels of Water		20
Production - Oil Gravity		20
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11 50090	//kcc/detail/operatorE ditDetail.cfm?docID=11 65881