Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1171503

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: ()					
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:				
	Elevation: Ground: Kelly Bushing:				
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth: Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes				
G OG GSW Temp. Abd.					
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):					
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 ENHR Conv. to SWD	Drilling Fluid Management Plan				
Plug Back Conv. to GSW Conv. to Producer	(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 #:					
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	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:						

1171503

Operator Nar	me:					Lease Nam	ie:		_ Well #: _		
Sec	Twp	_S.	R	East	West	County:		 	 	 	
							_	 	 		

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 obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taker (Attach Additional S		Yes	No		Lo	Log Formation (Top), Depth and Datum				
Samples Sent to Geo		Yes	No		Name	Name Top				tum
Cores Taken Electric Log Run	- 3	☐ Yes ☐ Yes	No No							
List All E. Logs Run:										
		Report all		RECORD	Nev ace, inter	w Used rmediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C		Weigh Lbs. / F		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
		A	DDITIONAL	CEMENTING	G / SQU	EEZE RECORD	·	· · · ·		
Purpose: Perforate	Depth Top Bottom	Type of C	ement	# Sacks U	lsed	Type and Percent Additives				
Protect Casing Plug Back TD										
Plug Off Zone										
Did you perform a hydraulic fracturing treatment on this well?						Yes	No (If No, skip	o questions 2 and	d 3)	
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000			0			o question 3)				
Was the hydraulic fractur	ing treatment informatio	n submitted to th	e chemical o	lisclosure regis	stry?	Yes	No (If No, fill o	out Page Three o	of the ACO-1)
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				Depth

	opeoing i bolage of Each interval i cholated						(Anount and Kind	or material 03cu)	Depui	
TUBING RECORD:	Size: Set At: Packer At:					At:	Liner R		No	
Date of First, Resumed	Product	ion, SWD or ENHF	۶.	Producing Metho	od: Pump	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas N	lcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	DISPOSITION OF GAS: METHOD OF COM			OF COMPLE	TION:		PRODUCTION INTER	RVAL:		
Vented Solo	L t	Used on Lease	Ise Open Hole Perf. Dually (Submit A				Commingled (Submit ACO-4)			
(If vented, Su	(If vented, Submit ACO-18.) Other (Specify)					. ,				

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Summary of Changes

Lease Name and Number: Solko 1-33

API/Permit #: 15-153-20930-00-00

Doc ID: 1171503

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	350	386
Approved Date	12/03/2013	12/04/2013
Date of First or Resumed Production or		10/25/2013
SWD or Enhr Producing Method Other	No	Yes
Producing Method Other Detail		ТА
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11 71270	//kcc/detail/operatorE ditDetail.cfm?docID=11 71503



CONFIDENTIAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM 1171270

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY	- DESCRIP	TION OF	WELL &	LEASE

OPERATOR: License #	API No. 15					
Name:	Spot Description:					
Address 1:						
Address 2:	Feet from North / South Line of Sect					
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:					
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: Feel Multiple Stage Cementing Collar Used? Yes If yes, show depth set: Feel If Alternate II completion, cement circulated from: feet depth to: w/ sx cmt					
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 #: Permit #: Dual Completion Permit #: Permit #: SWD Permit #: Permit #: ENHR Permit #: Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used:					
GSW Permit #:	County: Permit #:					
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 III Approved by: Date: