Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1211181

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 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:				
Oil WSW SWD SIOW	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?				
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)				
	Chloride content: ppm Fluid volume: bbls				
Commingled Permit #:	Dewatering method used:				
Dual Completion Permit #: SWD Permit #:					
SWD Permit #: ENHR Permit #:	Location of fluid disposal if hauled 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 Reached TD 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:						

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Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS. Chow important tang of formations populated	Datail all cores Report all final	copies of drill stome tasts giving interval tested time tool

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 Taken (Attach Additional She	eets)	Yes No		Log Formation (Top), Depth and Datum			
Samples Sent to Geolog	jical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING	RECORD Ne	w Used			
		Report all strings set-o	conductor, surface, inte	rmediate, product	ion, 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 / SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Protect Casing							

Perforate Protect Casing Plug Back TD Plug Off Zone							
Did you perform a hydraulic fra	0			Yes Yes	No	(If No, skip questions 2 and 3)	
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?					No	(If No, skip question 3)	

Yes

No

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	

(If No, fill out Page Three 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			
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner Ru	un:	No	
Date of First, Resumed	Producti	on, SWD or ENHF	} .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	S.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:			Open Hole	METHOD OF COMPLET				PRODUCTION IN	IERVAL:	
(If vented, Su				Other <i>(Specify)</i>		(Submit	4 <i>CO-5</i>)	(Submit ACO-4)		

Charles Melcher 10-A

3	soil	3	
3	clay/rock	6	
22	lime	28	
40	shale	68	
9	lime	77	
117	shale	194	
48	lime	242	
18	shale	260	
6	lime	266	
27	shale	293	
105	lime	398	
177	shale	<i>575</i>	
18	lime	593	
64	shale	657	
27	lime	684	
21	shale	7 05	
7	lime	<i>712</i>	
19	shale	731	
8	lime	<i>739</i>	
9	shale	748	
9	lime	757	
18	shale	775	
9	sandy shale	784	odor
35	Bkn sand	819	good show
4	Dk sand	823	show
18	shale	841	<i>T.D</i> .

Start *4-9-14* Finish *4-10-14*

set 20'7" ran 836' of 2 % cemented to surface 84 sxs

