

Confidentiality Requested:

#### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1198379

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.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:			
Oil WSW SWD SIOW	Elevation: Ground: Kelly Bushing:			
Gas D&A ENHR SIGW	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 #:       Dual Completion     Permit #:	Dewatering method used:			
SWD Permit #:	Location of fluid disposal if baulod offeitor			
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 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:	
INCTRINCTIONS. Changing particulations of formations parastrated	atail all aaraa Bapart	all final conice of drill stome tests giving interval tested, time test

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		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		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			
Purposo:	Denth						

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

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

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

(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:	Size	e: Set	At:	Packer	r At:	Liner R		No	
Date of First, Resumed F	Productio	on, SWD or ENHR.	Producing Me	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF G	OF GAS: METHOD OF COMPLE			TION:		PRODUCTION IN	TERVAL:	
Vented Sold Used on Lease Open Hole Perf. Dually (Submit A			Comp. 1 <i>CO-5)</i>	Commingled (Submit ACO-4)					
(If vented, Subi	mit ACO-	18.)	Other (Specify)		·		. /		

# R.J. Enterprise 22082 NE Neosho RD Garnett, KS 66032

## Patton 4-A

3	soil	3	F
3	clay/rock	6	
6	lime	12	
82	shale	94	
8	lime	102	
6	shale	108	
42	lime	150	
7	shale	157	S
14	lime	171	r
8	shale	179	c
20	lime	199	
179	shale	378	
13	lime	391	
53	shale	444	
32	lime	476	
27	shale	503	
10	lime	513	
14	shale	527	
8	lime	535	
10	shale	545	
7	lime	552	
20	shale	572	
10	sandy shale	582	odor
14	Bkn sand	596	odor
5	oil sand	601	show
12	oil sand	613	good show
4	Dk sand	617	show
45	shale	662	T.D

Start 12-11-2013

Finish 12-12-2013

set 20' 7" ran 658.4' 2 7/8 cemented to surface 66 sxs

