Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1313969

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:		
	Elevation: Ground: Kelly Bushing:		
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:		
OG GSW Temp. Abd. CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet		
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No		
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 #:			
	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 of Recompletion Date of Recompletion Date of Recompletion Date Recompletion Date of Recompletion	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:				

CORRECTION #1

1313969

Operator Nar	me:			Lease Name:	_ 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		Yes No	L	.og Formati	on (Top), Depth an	d Datum	Sample
Samples Sent to Geo	,	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run	0 ,	☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c			tion, 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 / SQL	JEEZE RECORD	1		
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Does the volume of the t	-	n this well? aulic fracturing treatment ex submitted to the chemical c	-	Yes ? Yes Yes	No (If No, ski	o questions 2 ar o question 3) out Page Three	
Shots Per Foot	PERFORATIO Specify F	ON RECORD - Bridge Plugs ootage of Each Interval Perf	s Set/Type orated		cture, Shot, Cement mount and Kind of Ma		d Depth

 Per 24 Hours
 METHOD OF COMPLETION:
 PRODUCTION INTERVAL:

 DISPOSITION OF GAS:
 Open Hole
 Perf.
 Dually Comp. (Submit ACO-5)
 Commingled (Submit ACO-4)

 (If vented, Submit ACO-18.)
 Other (Specify)
 Other (Specify)
 Other (Specify)

Packer At:

Pumping

Mcf

Producing Method:

Flowing

Gas

Liner Run:

Gas Lift

Water

No

Gas-Oil Ratio

Gravity

Yes

Other (Explain)

Bbls.

TUBING RECORD:

Estimated Production

Size:

Oil

Date of First, Resumed Production, SWD or ENHR.

Set At:

Bbls.

Form	ACO1 - Well Completion
Operator	JRC Oil Co., Inc.
Well Name	Kretchmer KS-34
Doc ID	1313969

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	U U	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	20	21	Portland A	5	None
Production	5.625	2.875	7	832	Portland A	90	None

Summary of Changes

Lease Name and Number: Kretchmer KS-34 API/Permit #: 15-003-26362-00-00 Doc ID: 1313969 Correction Number: 1 Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	02/20/2015	08/11/2016
Completion Or Recompletion Date	09/17/2014	06/29/2016
Date of First or Resumed Production or		06/29/2016
SWD or Enhr Disposition Of Gas - Used on lease	No	Yes
Electric Log Run?	No	Yes
Elogs_PDF		Gamma Ray
Method Of Completion - Perf	No	Neutron Yes
Perf_Depth_1		607-647
Perf_Depth_3		752-760

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Perf_Material_1		Fractured with 5,000 lbs of 12/20 sand.
Perf_Material_3		Fractured with 1,000 lbs of 12/20 sand.
Perf_Record_1		607-647 84 holes
Perf_Record_3		752-760 17 holes
Perf_Shots_1	0	2
Perf_Shots_3		2
Producing Method Pumping	No	Yes
Production - Barrels Oil		1
Production - Barrels of Water		2
Production - Gas-Oil Ratio		0
Production - MCF Gas		0
Production - Oil Gravity		36
Production Interval #1		607-647

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Production Interval #2		752-760
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12	//kcc/detail/operatorE ditDetail.cfm?docID=13
Tubing Set At	42963	13969 765
Tubing Size		1.315