KOLAR Document ID: 1591151

Confiden	tiality Re	quested:
Yes	No	

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION Form ACO-1 January 2018 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Name:	Spot Description:
Address 2:	Feet from North / South Line of Section Feet from East / West Line of Section Footages Calculated from Nearest Outside Section Corner:
City: Zip: + Contact Person:	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) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
	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 EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Desmit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR 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 Drill Stem Tests Received				
Geologist Report / Mud Logs 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:	

Page Two

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).

	lien		,				og Formatia	n (Tan) Danth a	nd Datum	
Drill Stem Tests Ta (Attach Addition				Yes No			-	n (Top), Depth a		Sample
Samples Sent to C	Geological S	Survey		Yes 🗌 No		Nam	e		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	-			Yes No Yes No Yes No						
			Rep	CASING port all strings set-c		Ne e, inte		on, etc.		
Purpose of Strir	ng	Size Hole Drilled		ize Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	CEMENTING	SQL	JEEZE RECORD			
Purpose: Depth Top Bottom		Тур	e of Cement			Percent Additives				
Protect Casi	D									
Plug Off Zor	ne									
 Did you perform a Does the volume Was the hydraulic 	of the total b	ase fluid of the h	ydraulic f	racturing treatment		-		No (If No, s	kip questions 2 ar kip question 3) I out Page Three	
Date of first Product Injection:	ion/Injection	or Resumed Pro	oduction/	Producing Meth	od:		Gas Lift 🗌 O	ther (Explain)		
Estimated Production Per 24 Hours	on	Oil I	3bls.	Gas	Mcf	Wate	er Bb	bls.	Gas-Oil Ratio	Gravity
DISPOS	SITION OF G	AS:		N	IETHOD OF CO	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
	Sold 🛛 🗌 l	Jsed on Lease - <i>18.)</i>		Open Hole		-		nmingled mit ACO-4)	юр	Bottom
Shots Per	Perforatio	n Perfora	tion	Bridge Plug	Bridge Plug		Acid	Fracture, Shot, Ce	menting Squeeze	Becord
Foot	Тор	Botto		Туре	Set At				d of Material Used)	
TUBING RECORD:	: Siz	20:	Set At		Packer At:					

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	IOWA COLLEGE 13
Doc ID	1591151

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	20	portland	8	n/a
Production	5.875	2.875	6.5	710	portland	80	n/a

		start	6/21/2021
7	soil	7 finish	6/23/2021
14	clay	21	
54	shale	75	
30	lime	105	
40	shale	145	set 20' 7"
26	lime	171 ran 710' o	f 2 7/8
4	shale	175 cemented	to surface
58	lime	233 with comp	any tools
16	shale	249 80 sxs	
47	lime	296	
173	shale	469	
7	lime	476	
56	shale	532	
32	lime	564	
24	shale	588	
8	lime	896	
18	shale	614	
8	lime	622	
8	shale	630	
9	lime	639	
18	shale	656	
7	sandy shale	663 odor	
26	bkn sand	689 good show	I
31	shale	720 td	

Bill To

R.J. ENERGY LLC 22082 NE NEOSHO RD GARNETT, KS 66032

		P.O. No. Terms		Project	
			Due on receipt		
Quantity	Description	a na ka se an	Rate		Amount
160	WELL MUD (\$8.50 PER SACK) Ewing Lease Ticket #	\$18763		8.50	1.360.0
	TRUCKING (\$50 PER HOUR)			50.00	137.
160	WELL MUD (\$8.50 PER SACK) Ewing 11 Ticket #18	764		8.50	1.360.
1	TRUCKING (\$50 PER HOUR)			50.00	50.
160	WELL MUD (\$8.50 PER SACK) Farlow Lease Ticket	#18774		8.50	1,360.
2.75	TRUCKING (\$50 PER HOUR)			50.00	137.
160	WELL MUD (\$8.50 PER SACK) Farlow Lease Ticket	#18775		8.50	1,360.
2.6	TRUCKING (\$50 PER HOUR)		1 (C)	50.00	130.
160	WELL MUD (\$8.50 PER SACK) Iowa College 13 Tick	ket #18778		8.50	1,360.
2	TRUCKING (\$50 PER HOUR)			50.00	100.
160	WELL MUD (\$8.50 PER SACK) Farlow Lease Ticket	#18792		8.50	1,360.
2	TRUCKING (\$50 PER HOUR)			50.00	100.
	WELL MUD (\$8.50 PER SACK) Farlow Lease Ticket	#18796	or other	8.50	1,360.
	TRUCKING (\$50 PER HOUR)			50.00	137.
	WELL MUD (\$8.50 PER SACK) Iowa College Lease 7	Ficket #18803		8.50	1,360
2.25	TRUCKING (\$50 PER HOUR)			50.00	112
	SALES TAX			6.50%	766.

Centred to surface with company tools

Thank you for your business.

Total

\$12,551.0