### KOLAR Document ID: 1603769

Confident	tiality Request	ed:
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 -	·D	ESCRIPTION	<b>NOFW</b>	ELL &	LEASE

OPERATOR: License #	API No.:
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.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:
	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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East _ West
Spud Date or         Date Reached TD         Completion Date or           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 Nam	ne:			Lease Name:	_ Well #:
Sec	Twp	S. 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).

Drill Stem Tests Taken (Attach Additional Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c		] Ne	w Used rmediate, productio	on, etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fracture</li> </ol>	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole		-	·	mingled	юр	
Shots Per Perforation Perforation Bridge Plug Bridge Plu Foot Top Bottom Type Set At		Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)			
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	WEST VAN WINKLE 8A
Doc ID	1603769

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	0	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	669	portland	100	n/a

West Van Winkle 8A

4	soil	4	start 10/21/21
10	clay	14	finish 10/22/21
61	shale	75	
37	lime	112	
35	shale	147	
3	lime	150	set 20' 7"
40	shale	190	ran 669' 2 7/8
54	lime	244	hurricane cmented to surface
187	shale	262	
23	lime	285	
173	shale	458	
23	lime	481	
58	shale	539	
28	lime	567	
21	shale	588	
7	lime	595	
19	shale	614	
7	lime	621	
9	shale	630	
6	lime	636	
6	shale	642	
6	oil sand	648	good show
197	shale	841	td



				$\sim$			
	TMENT REP	ORT					
er:	RJ Energy		Well:	*** We	st Van Winke 8-A	Ticket:	EP3072
. State:	Garnett, KS		County:	and the second se		Date:	10/22/2021
	Jason Kent		S-T-R:	and a subsection of the second se	14-21-20	Service:	longstring
There we have							
Downhole I	nformation		Calculated SI	urry - Lead		Calcu	lated Slurry - Tail
Hole Size:	5 5/8 in		Biend:	Econobond	1# PS	Blend:	an ge gan a time teastan agus dan ann a teann an an ann an ann an an ann an ann an a
Hole Depth:	841 ft		Weight:	13.61 pp		Weight:	ppg
Casing Size:	2 7/8 in		Water / Sx:	7.12 gal		Water / Sx:	gal / sx
Casing Depth:	669 ft	-	Yield:	1.56 ft <sup>2</sup>	sx	Yield:	ft³ / sx
Tubing / Liner:	in	-	Annular Bbis / Ft.:		s / ft.	Annular Bbis / Ft.:	bbs / ft.
Depth:	ft	-	Depth:	ft		Depth:	ft
Tool / Packer:			Annular Volume:	0.0 bb	5	Annular Volume:	0 bbls
Tool Depth:		-	Excess:	04 65 LL		Excess: Total Slurry:	0.0 bbis
Displacement:	STAG	E TOTAL	Total Sluman Total Sacks:	21.67 bb		Total Sacks:	0 sx
TIME RATE			REMARKS	TO SA		, oran Cababa	U SA
12:30 PM	-		on location, held safety	meeting	ar e <sup>re</sup>		
		-					
4.0		-	established circulation				
4.0		•	mixed and pumped 200	# Bentonite Ge	followed by 4 bbls free	sh water	
4.0		-	mixed and pumped 78 s	sks Econobond	cement with 1# Phenos	eal per sk, cement to surfa	ice
4.0			flushed pump clean		an for a second and the second and t	and and a second se	
1.0		· ·	pumped 2 2 7/8" rubbe	r plugs to casin	ng TD with 3.87 bbls fre	sh water	
1.0		<u> </u>	presssured to 800 PSI,	well held press	ure		
			released pressure to se	et float valve			
4.0	ļ	· ·	washed up equipment	7	n a dha fan fan fan ste referense yn staffe gefer gefer fan ser fan ste ste ste ser	a an	
1:30 PM	<u> </u>		l left location				
				P			
	<u> </u>			a de la companya de l			
				an a			
					an a fan fan fan fan fan fan fan fan fan	9999 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	
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							an a
	CREW		UNIT			SUMMAR	Y
Cemente	Casey Ken	nedy	89	-	Average Rate	Average Pressure	Total Fluid
Pump Operato	Garrett Sc	ott	239	-	3.1 bpm	- psi	- bbls
Bull	and the second se	and the second se	193				
H2C	: Keith Detv	nier	111	<u> </u>			