KOLAR Document ID: 1603768

Confidentiality Requested:

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

OPERATOR: License #	API No.:				
Name:	Spot Description:				
Address 1:					
Address 2:	Feet from North / South Line of Section				
City: State: Zip:+	Feet from _ East / _ West Line of Section				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()	□NE □NW □SE □SW				
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	Elevation: Ground: Kelly Bushing:				
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:				
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet				
CM (Coal Bed Methane) 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				
•	If Alternate II completion, cement circulated from:				
Operator:	•				
Well Name:	feet depth to: 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 Permit #:	Chloride content: ppm Fluid volume: bbls				
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 Approved by: Date:				

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Page Two

Operator Name:				Lease Name:			Well #:	
Sec Twp.	S. R.	Ea	st West	County:				
	lowing and shu	ıt-in pressures, w	hether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to G	eological Surv	ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		Re			New Used	ion, etc.		
Purpose of Strin		Size Hole Size Drilled Set		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	QUEEZE RECORD	l		
l lop Bottom			pe of Cement	# Sacks Used	d Type and Percent Additives			
Perforate Protect Casii Plug Back TI								
Plug Off Zon								
 Did you perform a Does the volume o Was the hydraulic 	of the total base f	luid of the hydraulic	fracturing treatment	_	_	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Producti Injection:	on/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:								
	_	on Lease	Open Hole			mmingled mit ACO-4)	Тор	Bottom
,	Submit ACO-18.)							
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)			Record	
TUBING RECORD:	Size:	Set /	At:	Packer At:				
. 5513 1200 10.	5120.		···	. 30.0.71				

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	WEST VAN WINKLE 9A
Doc ID	1603768

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	20	portland	8	n/a
Production	5.875	2.875	6.5	830	portland	100	n/a

West Van Winkle 9A

4	soil	4	start 10/20/21
10	clay	14	finish 10/21/21
55	shale	69	
34	lime	103	
35	shale	138	
4	lime	142	set 20' 7"
41	shale	183	ran 830' 2 7/8
54	lime	237	hurricane cmented to surface
7	shale	244	
22	lime	266	
188	shale	454	
17	lime	471	
58	shale	529	
30	lime	559	
21	shale	580	
9	lime	589	
19	shale	608	
7	lime	615	
9	shale	624	
6	lime	630	
6	shale	636	
4	oil sand	640	good show
167	shale	807	
7	oil sand	814	good show
5	dk sand	819	show
22	shale	841	td



NT TREATMENT REPORT Customer: RJ Energy Ticket: EP3058 *West Van Winkle 9-A 10/21/2021 City, State: Garnett, KS AN, KS Date: 14-21-20 Service: longstring Field Rep: Jason Kent Calculated Slurry - Tail Downhole Information Calculated Slurry - Lead Hole Size: Econobond 1#PS 5 5/8 in Riend: Hole Depth: 841 ft Weight: Weight: 13.61 ppg ppg gal / sx Casing Size: 2 7/8 in Water / Sx: Water / Sx 7.12 gai / sx Casing Depth: 830 ft ft2 / sx Yield: 1.56 ft2 / sx Tubing / Liner: Annular Bbls / Ft.: bbs / ft. Annular Bbls / Ft.: bbs / ft. ft Depth: ft Depth Depth: ft 0 bbls Annular Volume: Tool / Packer: 0.0 bbls Annular Volume **Tool Depth:** ft Fycess: Displacement: 4.80 bbls 26.39 bbls Total Sturry: 0.0 bbls Total Slurry: 95 sx Total Sacks: 0 sx STAGE TOTAL Total Sacks: REMARKS TIME RATE BBLs BBLs 1:00 PM on location, held safety meeting established circulation 4.0 mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water 4.0 mixed and pumped 95 sks Econobond cement with 1# Phenoseal per sk, cement to surface 4.0 4.0 flushed pump clean 1.0 pumped 2 2 7/8" rubber plugs to casing TD with 4.80 bbls fresh water 1.0 pressured to 800 PSI, well held pressure released pressure to set float valve washed up equipment 4.0 2:00 PM left location UNIT SUMMARY CREW 89 Average Rate Average Pressure Total Fluid Cementer: Casey Kennedy **Garrett Scott** 239 3.1 bpm psi bbls Pump Operator: 193 Bulk: Nick Beets H20: **Keith Detwiler** 111

> ftv: 15-2021/01/25 mplv: 201-2021/09/15