KOLAR Document ID: 1604756

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:	SecTwpS. R				
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.xxxxxx) (e.gxxx.xxxxxx)				
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)	Multiple Stage Cementing Collar Used? Yes No				
Cathodic Other (Core, Expl., etc.):	If yes, show depth set: Feet				
If Workover/Re-entry: Old Well Info as follows:					
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 Permit #:	Chloride content: ppm Fluid volume: bbls				
Dual Completion Permit #:	Dewatering method used:				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
☐ EOR Permit #:	Location of haid disposal if hadica offsite.				
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or	QuarterSec 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 ☐ Drill Stem Tests Received						
Geologist Report / Mud Logs Received						
UIC Distribution						
ALT I II Approved by: Date:						

KOLAR Document ID: 1604756

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 / Mud Logs List All E. Logs Run:			Yes No Yes No Yes No					
		Re			New Used	ion, etc.		
Purpose of Strin		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	QUEEZE RECORD	l		
Purpose:		epth Ty Bottom	pe of Cement	# Sacks Used Type and Percent Additives				
Protect Casi								
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	Oil Bbls.					Gas-Oil Ratio	Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			ON 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, Cer (Amount and Kind	menting Squeeze I 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 9BI
Doc ID	1604756

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	20	portland	8	n/a
Production	5.875	2.875	6.5	671	portland	100	n/a

West Van Winkle 9BI

5	soil	5	start 11/2/21
10	clay	15	finish 11/3/21
66	shale	83	
44	lime	127	
31	shale	158	
10	lime	168	set 20' 7"
26	shale	194	ran 671' 2 7/8
44	lime	238	hurricane cemented to surface
15	shale	253	
39	lime	292	
166	shale	458	
19	lime	477	
57	shale	534	
26	lime	560	
28	shale	588	
8	lime	596	
14	shale	610	
6	lime	616	
11	shale	627	
4	lime	631	
6	shale	637	
4	oil sand	641	good show
169	shale	815	
5	dk sand	820	odor
4	shale	824	TD



4	TREA	ATMENT	REPO	RT				3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
austo	tomers RJ Energy				Well:	W	est Van Winkle 9-Bl	Ticket:	EP3184		
City, S	State: (Garnett, KS			County:		AN, KS	Date:	11/3/2021		
Field	Rep:	Jason Ke	nt		S-T-R:		14-21-20	Service:	Longstring		
	Downhole Information				Calculated Slurry - Lead Calculated Slurry - Tail						
	Hole Size: 5 5/8 in		Blend:	Econobon		Blend:					
Hole D	-	821 f			Weight:	13.6 ppg		Weight:	ppg		
Casing		27/8 1			Water / Sx:	-	al/sx	Water / Sx:	gal / sx		
Casing D	-	671 1			Yield:	1.56 f		Yield:	ft ³ / sx		
Tubing /	-		n		Annular Bbis / Ft.:	***************************************	bs / ft.	Annular Bbls / Ft.:	bbs / ft.		
	lepth:	1	it .		Depth:	f		Depth:	R		
Tool / Pa					Annular Volume:	0.0 E	bis	Annular Volume:	0 bbls		
Tool [řž.		Excess:			Excess			
Displace	ment:	3.9			Total Slurry:	18.6 E		Total Slurry:	0.0 bbls		
			STAGE	TOTAL	Total Sacks:	67 s	X	Total Sacks:	0 sx		
TIME	RATE	PSI	BBLs		REMARKS	**					
4:00 PM			+	*	On location, held saftey	/ meeting					
				-		-					
	4.0			-	Established circulation	-					
	4.0		+	-			e Gel followed by 4 BBL				
	4.0			-		sks of econo	bond cement with 1# phe	enoseal per sk, cement to	surface		
	4.0			-	Flushed pump clean						
	4.0			-			sing TD with 3.88 BBL of t	fresh water			
	4.0				Pressured up to 800 PS						
	4.0			-	Released pressure to set float valve						
	4.0				Washed up equipment						
				-							
5:00 PM					Left location						
								the second secon			
	-										
	-										
	-										
		CREW			UNIT			SUMMAR			
	ementer.		ey Kenne	dy	89		Average Rate	Average Pressure	Total Fluid		
Pump Operator: Garrett Scott					239		4.0 bpm	- psi	- bbis		
	Bulk #1	-	in Katzer		193						
Bulk #2: Nick Beets			111								

ftv: 15-2021/01/25 mplv: 150-2021/05/24