KOLAR Document ID: 1716351

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 East West				
Address 2:	Feet from \(\sum \) North / \(\sum \) South Line of Section				
City: State: Zip:+	Feet from				
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) Datum: NAD27 NAD83 WGS84				
Wellsite Geologist:					
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
□ Oil □ WSW □ SWD	Producing Formation:				
Gas DH EOR	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 #:					
EOR Permit #:	Location of fluid disposal if hauled offsite:				
GSW Permit #:	Operator Name:				
GOVV Territt #.	Lease Name: License #:				
Canad Date on Date Decembed TD Completing Date on	Quarter Sec TwpS. R				
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 Approved by: Date:						

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Page Two

Operator Name:					_ Lease Nam	ne:			Well #:		
Sec Tw	pS	S. R	Eas	st West	County:						
	, flowing an	d shut-in pres	sures, wh	ether shut-in pre	ssure reached	static	level, hydrostat	ic pressures, bo		val tested, time tool erature, fluid recovery,	
Final Radioactivi files must be sub							gs must be emai	led to kcc-well-l	ogs@kcc.ks.go	v. Digital electronic log	
Drill Stem Tests (Attach Addit		1		Yes No		Lo		n (Top), Depth a		Sample	
Samples Sent to	Geological	Survey		Yes No		Name			Тор	Datum	
Cores Taken Electric Log Run Geologist Report List All E. Logs F	t / Mud Log	s		Yes No Yes No Yes No							
			Rej	CASING	RECORD [Nev		on, etc.			
Purpose of St	ring	Size Hole Drilled		Size Casing let (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
				ADDITIONAL	CEMENTING /	SQUE	EEZE RECORD		'		
Purpose: Perforate		Depth Top Bottom	Тур	pe of Cement	# Sacks Used Type and Perce			Percent Additives			
Protect Ca											
Plug Off Z											
Did you perform Does the volume Was the hydraul	e of the total	base fluid of the	hydraulic	fracturing treatment		-	Yes yes Yes	No (If No, s	kip questions 2 ar kip question 3) Il out Page Three		
Date of first Produ Injection:	ction/Injectio	n or Resumed Pi	roduction/	Producing Meth	od:		Gas Lift O	ther <i>(Explain)</i>			
Estimated Production Oil Bbls. Gas Mcf Water Bb						Gas-Oil Ratio	Gravity				
DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:							DN INTERVAL: Bottom				
Vented	Sold	Used on Lease		Open Hole	_	Dually (Submit A		nmingled nit ACO-4)	Тор	BOLLOTTI	
,	· I										
Shots Per Foot	Perforation Top	on Perfor Bott		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze and of Material Used)		
TUBING RECORI	D: S	size:	Set A	: -	Packer At:						

Form	ACO1 - Well Completion			
Operator	RJ Energy, LLC			
Well Name	NASH 12I			
Doc ID	1716351			

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	9	854	portland	90	n/a

nash 12i

1	soil	1		
6	clay and rock	4		start 4/7/2023
114	lime	118		finish 4/10/2023
167	shale	285		
27	lime	312		set 20'7"
58	shale	370		ran 854' 2 7/8
30	lime	400		hurricane cemented
34	shale	434		to surface
25	lime	459		
8	shale	467		
5	lime	472		
95	shale	567		
2	lime	569		
68	shale	637		
3	sandy shale	640	odor	
3	oil sand	643	good show	
5	dk sand	648	show	
178	shale	816		
2	lime	818		
7	sandy lime	825	good show	
35	shale	860	td	



ANI	TREA	TMENT R	EPORT				A COUNTY OF STREET			
Cus	tomer:	RJ Energy		Well: Nash, #4A, 12I			Ticket:	EP8237		
City,	State:			County:		Linn, KS	Date:	4/10/2023		
Fiel	d Rep:	Jason Kent		S-T-R:			Service:	Longstrings		
Dow	nhole In	formation	88	Calculated Slu	urry - Lead		Calc	culated Slurry - Tail		
Hole	e Size:	5 7/8 in		Calculated Slurry - Lead Blend: Econobond			Blend:			
		ft		Weight:		ppg		PPG		
Casing	g Size:	2 7/8 in		Water / Sx:	- Valence Val	7.1 gal / sx		gal / sx		
Casing I	Depth:	ft		Yield:	1.56 f		Water / Sx: Yield:	ft³/sx		
Tubing /	Liner:	in		Annular Bbls / Ft.:		obs / ft.	Annular Bbis / Ft.:	bbs / ft.		
	Depth:	ft		Depth:			Depth:	Ħ		
Tool / P	acker:			Annular Volume:	0.0 b	103 of 2 (9 a s 2	Annular Volume:	0 bbls		
Tool	Depth:	ft		Excess:			Excess:			
Displace	ement:	bbl	•	Total Slurry:	0.0 b	bls	Total Slurry:	0.0 bbls		
		ST	AGE TOTAL	Total Sacks:	0 s		Total Sacks:	0 sx		
TIME	RATE	PSI BE	BLs BBLs	REMARKS						
2:00 PM				On location Held saftey m	neeting					
				1000-000-000-000-000-000-000-000-000-00						
				#121 Hole TD 860', Pipe Ti	D 854'					
	3.0			Established circulation thr	rough the 2	7/8" tubing				
	3.0		-	Mixed and pumped 400# of	of bentonite	gel followed by 4BBI of	fresh water			
	3.0			Mixed and pumped 90 sks	s of Econobe	ond cement				
				Knocked off and flushed	pump clean					
	1.0	200.0	-	Dropped two rubber plugs	s and displa	ced them with 4.9 BBL o	f fresh water			
		800.0		Pressured well up to 800 I	PSI, release	d pressure to set float va	alve			
3:30 PM				Wash up equipment and r	moved			water the second se		
	\vdash		-			-				
			-	#5W Hole TD 702', Pipe T						
			+	Established circulaton thr						
	-			Mixed and pumped 400# o			fresh water			
	-			Mixed and pumped 80 sks		nd Cement	· · · · · · · · · · · · · · · · · · ·			
	-	200.0		Knocked off and flushed p		and there will a DDI				
		800.0		Dropped two rubber plugs						
4:00 PM		800.0		Pressured well up to 800 I Wash up equipment and L			live			
4.00 1 111				wash up equipment and L	Leit location					

								Supproposition of the		
		CREW		UNIT						
Cen	Cementer: Garrett S.			97		Average Rate	Average Pressure	Total Fluid		
Pump Operator: Nick B				209		2.5 bpm	500 psi	- bbls		
В	lulk #1:	Doug G		193						
В	ulk #2:	Keith D		124						