KOLAR Document ID: 1600831

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.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 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 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	Quarter Sec TwpS. R				
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		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	# Sacks Used Type and Percent Additives			
Protect Casii								
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 Mcf Water Bbls. Gas-Oil Ratio			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	EWING 23A
Doc ID	1600831

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	676	portland	80	n/a

Ewing 23A

4	soil	4	start 10/9/21
10	clay	14	finish 10/11/21
62	shale	76	
33	lime	109	
28	shale	137	
12	lime	149	set 20' 7"
30	shale	179	ran 676' 2 7/8
54	lime	233	hurricane cemented to surface
9	shale	242	
40	lime	282	
171	shale	453	
15	lime	468	
60	shale	528	
30	lime	558	
22	shale	580	
7	lime	587	
19	shale	606	
7	lime	613	
10	shale	623	
5	lime	628	
4	shale	632	
4	oil sand	636	good show
46	shale	682	t.d.



CEMENT TRE	EATMENT RE	PORT					
Customer	RJ Energy		Well: Ewing 23-A		Ewing 23-A	Ticket:	EP2939
City, State:	Garnett,Ks		County: Anderson, KS.		Date:	10/11/2021	
Field Rep	Jason Kent		S-T-R:		NW 13-21-20	Service:	Longstring
			o o postaje kilika sale				
	Information		Calculated S	lurry - Lead		Calcu	ılated Slurry - Tail
Hote Size:	1		Blend:	Econo	bond	Blend:	
Hole Depth			Weight:		ppg	Weight:	ppg
Casing Size		_	Water / Sx:		gal/sx t ¹ /sx	Water / Sx:	gal / sx ft ³ / sx
Tubing / Liner		-	Yield: Annular Bbls / Ft.:		obs / ft.	Yield: Annular Bbls / Ft.:	bbs / ft.
Depth			Depth:		t t	Depth:	ft ft
Tool / Packer	<u> </u>		Annular Volume:	0.0		Annular Volume:	0 bbis
Tool Depth	ft		Excess:			Excess:	
Displacement	bbls		Total Slurry:			Total Slurry:	0.0 bbis
	STA		Total Sacks:	0	sx	Total Sacks:	0 sx
TIME RATI	E PSI BBI	s BBLs	REMARKS				
2:30 PM	 	•	Arrive on location, Hole	d saftey mee	ing. Rig up.		
		-					
3:00 PM	200.0	-				e followed by 80 sacks of E	
	800.0		Well held 800 PSI. Set		ace, Flusned pump. Pum	ped two plugs to well TD w	tn clean water.
	800.0	-	Well field 600 FSI. Set	iioat.			
	1	-			ed in the same areas and a second a second and a second and a second and a second and a second a	Provide the second seco	
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				management de la companya de la comp			
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	CDEN		UNIT			SUMMAR	
Como	CREW	ott	90		Ayaraga Bata	1	
Cemente Pump Operato			238		Average Rate 0.0 bpm	Average Pressure 433 psi	Total Fluid
Pullip Operato Bulk #			110	and the second	o.o upin	1 400 hai	, AMIS
Bulk #2: alan mader		193					