KOLAR Document ID: 1633786

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 North / South Line of Sect	tion			
City: State:	++	Feet from East / West Line of Sect	ion			
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.xxxxxx)				
Wellsite Geologist:		Datum: NAD27 NAD83 WGS84				
Purchaser:		County:				
Designate Type of Completion:		Lease Name: Well #:	—			
New Well Re-Entr	y Workover	Field Name:				
] SWD	Producing Formation:	—			
Gas DH] SWB] EOR	Elevation: Ground: Kelly Bushing:				
	GSW	Total Vertical Depth: Plug Back Total Depth:				
CM (Coal Bed Methane)	_	Amount of Surface Pipe Set and Cemented at: F	eet			
	ol., etc.):	Multiple Stage Cementing Collar Used? Yes No				
If Workover/Re-entry: Old Well Info as		If yes, show depth set: Fe	eet			
Operator:		If Alternate II completion, cement circulated from:				
Well Name:		feet depth to:w/sx c	mt.			
Original Comp. Date:						
Deepening Re-perf. Plug Back Liner	Conv. to EOR Conv. to SWD Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
□ O		Chloride content:ppm Fluid volume:b	bls			
_ •	rmit #:	Dewatering method used:				
	rmit #: rmit #:					
	rmit #:	Location of fluid disposal if hauled offsite:				
	rmit #:	Operator Name:				
33		Lease Name: License #:				
Spud Date or Date Reached	Completion Data co	Quarter Sec TwpS. R	est			
Recompletion Date	d TD Completion Date or 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 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	on	Oil Bbls.			Water Bbls. Gas-Oil Ratio			Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			ON INTERVAL:
	(Submit ACO-5) (Submit ACO-4)					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:				
. 5213 12.00 10.	5120.		···	. 30.0.71				

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	OAKWOOD UNIT/WEBER 4A
Doc ID	1633786

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	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	832	portland	100	n/a

Oakwood Unit weber 4A

3	soil	3	start 1/19/2022
11	clay and rock	14	finish 1/24/2022
81	lime	95	
194	shale	289	
19	lime	308	
53	shale	361	set 20' 7"
30	lime	391	ran 832' of 2 7/8
35	shale	426	hurricane cemented to surface
25	lime	451	
7	shale	458	
6	lime	464	
97	shale	561	
2	lime	563	
223	shale	786	
5	oil sand	791	good show
4	dk sand	795	
14	shale	809	
29	lime	838	td



	AT TR	EATME	NT REF	PORT						
C	Customer: RJ Energy			Well:	*Oakwood Unit/We	ber 48	- Page			
Cit	y, State	State: Garnett, KS			County:	LN, KS				
Fi	eld Rep: Jason Kent				S-T-R:	12-22-21	Dat	1100 1700 1000		
						12-22-21	Servic	longstring		
		Informa	tion		Calculated Si	urry - Lead		aloud-to tal		
	le Size	Size: 5 5/8 in			Blend:	OWC 1/2# PS	Blen	alculated Slurry - Tail		
	Depth		8 代		Weight:	15.00 ppg	Weigh			
	ng Size	-	18 im		Water / Sx:	6.75 gal / sx	Water / S	Fro		
	Depth:	-	2 ft		Yield:	1.43 ft ³ / sx	Yiel			
Tubing		-	in		Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Fi			
	Depth:		ft		Depth:	ft	Dept			
Tool / I					Annular Volume:	0.0 bbis	Annular Volume			
	Depth:	-	ft		Excess:		Exces			
Displac	ement:	4.8	2 bbis		Total Slurry:	25.21 bbls	Total Slurr			
TIME	RATE	nei	STAGE	TOTAL	Total Sacks:	99 sx	Total Sacks			
1:00 PM	The second second	PSI	BBLs	BBLs	REMARKS			Total Karamana Managara Managara		
1.00 FM			+ •	-	on location, held safety n	neeting				
	4.0									
	4.0			*	established circulation					
Additional Control of the Control of	4.0			*	mixed and pumped 300#	Bentonite Gel followed by 4 bbl	s fresh water			
	4.0			-	mixed and pumped 99 sks	OWC cement with 1/2# Pheno	Seal per sk, cement to surfac	e		
	1.0	***************************************			flushed pump clean					
	1.0			-	pumped 2 2 7/8" rubber p	lugs to casing TD with 4.82 bbl	s fresh water			
***************************************				-	pressured to 800 PSI, well held pressure					
	4.0			-	released pressure to set f	loat valve, shut in casing				
				-	washed up equipment					
2:00 PM					left location					
					act toxellost					
				Market Printers and Assessment						
			-							
		CREW	1 1	To the Barrier	UNIT					
Ceme		Casey	Kennedy		89	Augrana Bat	SUMMAR	Y		
Pump Oper	ator:	Nick E	leets		239	Average Rate	Average Pressure	Total Fluid		
	Bulk:	Devin	Katzer		193	3.1 bpm	- psi	- bbis		
	H2O:	Keith I	Detwiler		111					
	H2O:	- Secretario de la constitución	Charles of the second second							