KOLAR Document ID: 1633699

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 III Approved by: Date:					

KOLAR Document ID: 1633699

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 Oil Bbls. Per 24 Hours								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	OAKWOOD UNIT/WEBER 4I
Doc ID	1633699

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	803	portland	100	n/a

Oakwwod Unit Weber 41

2	soil	2	start 12/27/21
2	clay and rock	4	finish 12/30/2021
83	lime	87	
179	shale	266	
22	lime	288	
58	shale	346	set 20' 7"
31	lime	377	ran 803' of 2 7/8
33	shale	410	hurricane cemented to surface
21	lime	431	
9	shale	440	
5	lime	445	
99	shale	544	
2	lime	546	
75	shale	521	
5	oil sand	526	good show
4	dk sand	630	
136	shale	766	
8	oil sand	774	good show
15	shale	789	
20	lime	809	td



CEMEN	TTRE	EATME	NT REF	PORT						
Cus	stomer:	RJ Ene	RJ Energy Well: Oakwood Unit/Ball 4l		all All					
City	, State:	Garnett, KS County:								
Fie	ld Rep:	Jason	Kent		S-T-R: 12-22-21		Dat	77.07.10.0		
						12-22-21	Service	e: longstring		
		Informat	ion		Calculated SI	urry - Lead		alculated Bl		
	e Size:		8 in		Blend:	OWC 1/2# PS	Blen	alculated Slurry - Tail		
	Depth:	-	1 ft		Weight:	15.00 ppg	Weigh			
	g Size:	-	8 in		Water / Sx:	6.75 gal / sx	Water / S			
Casing		-	0 ft		Yield:	1.43 ft ³ / sx	Yiel	3-7-01		
Tubing /			in		Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Fi	11 1 070		
	Depth:	ACTOR DE LA CONTRACTOR DE	ft		Depth:	ft	Depti	1000		
Tool / P					Annular Volume:	0.0 bbis	Annular Volume			
	Depth:	majoriment and an interest state	ft		Excess:		Exces			
Displace	ment:	4.63	bbls		Total Slurry:	24.45 bbls	Total Slurn			
TIME	RATE	PSI	STAGE BBLs		Total Sacks:	96 sx	Total Sack			
3:00 PM	10712	1-31	T	BBLs	REMARKS			STORES OF THE PARTY OF		
0.00 FM			<u> </u>	-	on location, held safety :	neeting				
	4.0			•						
	4.0			-	established circulation					
-	4.0	-		-	mixed and pumped 300#	Bentonite Gel followed by 4 bbls	fresh water			
THE RESERVE OF THE PERSON NAMED IN	4.0		1	-	mixed and pumped 96 sk	s OWC cement with 1/2# PhenoS	ieal per sk, cement to surfac	e		
	1.0			-	flushed pump clean					
	1.0			-	pumped 2 2 7/8" rubber j	olugs to casing TD with 4.63 bbls	fresh water			
				-	pressured to 800 PSI, well held pressure					
	4.0				washed up equipment	float valve, shut in casing				
					wasted th edithment					
4:00 PM					left location					
			-							
		CREW			UNIT		SUMMAR	Y		
Ceme			Kennedy		89	Average Rate	Average Pressure			
Pump Oper	MANUAL PROPERTY.	Nick E			239	3.1 bpm	- psi	Total Fluid - bbis		
	Bulk: H2O:	THE RESERVE OF THE PERSON NAMED IN	t Scott Detwiler		248			DUIS		
		140(11)	-cimilei		110					