KOLAR Document ID: 1633783

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 Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).										
Drill Stem Tests Taken Yes No Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets)										
									Datum	
Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run:				es No es No es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo		# Sacks Use		EEZE RECORD	Typo a	ad Paraant Additivas	
Perforate Protect Casing Plug Back TD			Type of Cement		# Sacks Useu		Type and Percent Additives			
Plug Off Z										
2. Does the volume	1. Did you perform a hydraulic fracturing treatment on this well? 2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? 3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No (If No, skip questions 2 and 3) No (If No, skip question 3) No (If No, fill out Page Three of the ACO-1)									
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented								Bottom		
(If vented, Submit ACO-18.) (Submit ACO-5) (Submit ACO-4)										
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At	g Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)				Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	OAKWOOD UNIT/WEBER 9I
Doc ID	1633783

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	20	portland	8	n/a
Production	5.875	2.875	6.5	824	portland	100	n/a

Oakwood Unit weber 91

3	soil	3	start 1/17/2022
9	clay and rock	12	finish 1/18/2022
85	lime	97	
193	shale	290	
20	lime	310	
50	shale	360	set 20' 7"
31	lime	391	ran 824' of 2 7/8
34	shale	425	hurricane cemented to surface
24	lime	449	
9	shale	458	
7	lime	465	
97	shale	562	
2	lime	564	
226	shale	790	
3	oil sand	793	good show
4	dk sand	797	
14	shale	811	
30	lime	841	td



Control Cont	CEMENT	TRE	ATMEN	T REP	DRT		·			· · · · · · · · · · · · · · · · · · ·				
Print Ruse Jazon Kenff Strate 12-22-25 Services Congistring Downhold Information Mide Stock 3-58 is in Hospital Set 8 Set 16 S	Cust	omer:	er: RJ Energy		Well:	Well: #Oakwood Unit/Weber \$			Ticket: EP3721					
Post Process Control of the Process Co	City,	State:	Garnett, KS		County:	LN,	LN, KS		1/18/2022					
Downhole Information Hole Sizes S S S S S S S S S S S S S S S S S S S	Field	l Rep:	ep: Jason Kent S-T-R:			S-T-R:			Service:	longstring				
Mole Size														
Note Depth See it Weight See it See i	Down	nhole	Informati			Calculated SI	iurry - Lead		Calc	ulated Sturry - Tail				
Consider Same Same Water Same Water Same S	Hole	Size:	5 5/6	lim		Blend:	OWC 1/2# PS		Blend:					
Cating Depth Set B	Hole D	epth:	841	*		Weight:	15.00 ppg		Weight:	ppg				
Total Packer Tota	Casing	Size:	2.7%	lim .		Water / Sx:	6.75 gal/ sx		Water / Sx:	gal / sx				
Tool Pythone	Casing D	lepthc	821	R		Yield:	1.43 ft ² /sx		Yield:	tt²/sx				
Total Packet: Total Paget: Total Paget: Total Storry: STAGE TOTAL TIME RATE PSI BBL: BBL: BBL: BBL: BBL: BBL: BBL: BBL:	Tubing / I	Liner:		lim		Annular Bbls / Ft.:	bbs / ft.		lar Bloks / Ft.:	bbs / ft.				
Tool Depth: Ft	D	epth.		我		Depths	the state of the s		Depths	t t				
Displacement 4.79 bbls STACE TOTAL TIME RATE PSI BBLS BBLS REMARKS 12:30 PM	Tool / Pa	cker:				Annular Volume:	0.0 bbis Annulari		dar Volume:	0 bbls				
TIME RATE PSI BBLS BBLS REMARKS 12:30 PN			CONTRACTOR	ft		Excess:			Excesso	·				
TIME RATE PSI BBLS BBLS REMARKS - on flocation, held safety meeting 4.8 - established circulation 4.8 - established circulation - mixed and pumped 5009 Bentonille Gell followed by 4 bbls fresh water 4.0 - flocation flowed by 5 bbls fresh water 1.0 - pumped 2 2 78" nubber plugs to casing TD with 4.75 bbls fresh water 1.0 - pressured to 600 PSI, well held pressure 1.0 - pressured to 500 PSI, well held pressure 1.0 - washed up equipment 1.10 - washed up equipment 1.10 - left location 1.10 - l	Displace	ment:	4.75	bbis		Total Slurry:	24.45 bbis		Total Slurry:	0.0 bbis				
12:30 PM							96 sx		Total Sacks:	0 sx				
4.0 - estabilished circulation 4.0 - mixed and pumped 3006 Bentonille Gel followed by 4 bids fresh water 4.0 - mixed and pumped 96 six OWC cement with 1026 PhonoSeal par six, cament to surface 4.0 - flushed pump clean 1.0 - pumped 22 218" rubber plags to casing TD with 4.75 bids fresh water 1.0 - pressured to 600 PSI, well held pressure 1.0 - released pressure to set float valve, shut in casing 4.0 - washed up equipment 1:30 PM	TIME	RATE	PSI	BBLs	BBLs	REMARKS								
4.8 - established circulation 4.8 - mixed and pumped 3086 Benthanille Gell fallioued by 4 biblis fresh water 4.0 - mixed and pumped 98 sits OWC cement with 108 PhenoScal per exi, cement to surface 4.0 - pumped 2 78° rubber plugs to casing TO with 4.75 biblis fresh water 1.0 - pumped 2 78° rubber plugs to casing TO with 4.75 biblis fresh water 1.0 - pressured to 800 PSI, well held pressure 1.0 - released pressure to set float valve, shut in casing 4.0 - washed up equipment 1.30 PM - left location 1.30 PM - l	12:30 PM			•	190	on location, held safety	meeting							
4.0 - mixed and pumped 3006 Bentantite Gel followed by 4 bible fresh water 4.0 - mixed and pumped 96 six OWC cement with 1026 PhenoSeal per sit, cement to surface 4.0 - flushed pumpe clean 1.0 - pumped 2 2786 rubbler plugs to easing TD with 4.75 bible fresh water 1.0 - pressure to set float valve, shut in casing 4.0 - washed up equipment 1:30 PM					-									
4.0 - mixed and pumped 96 sixs OWC cement with 1/26 PhanoSeal per six, cement to surface 4.0 - Blushed pump clean 1.0 - pumped 2 2 7/8" rubber plugs to casing TD with 4.75 bbis fresh water 1.0 - pressure to 900 PSI, well held pressure 4.0 - released pressure to set float valve, shut in casing 4.0 - washed up equipment 1/30 PM - left location 1/30 PM - left locat		-			-									
4.0 - Blushed pump clean 1.0 - pumped 2 2 7/8" nubber plugs to casing TD with 4.75 bbis fresh water 1.0 - pressured to 800 PSI, well held pressure 1.0 - released pressure to set float valve, shut in casing 4.0 - washed up equipment 1:30 PM left location 1:30 PM left lo					*									
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- released pressure to set float valve, shut in casing 4.0 - washed up equipment 1:30 PM Internation Interna		NAME OF TAXABLE PARTY.			***************************************	pumped 2 2 7/8° rubber	plugs to casing TD with	4.75 bbls fresh water						
4.0		1.0			-									
1:30 PM					-		t float valve, shut in casi	ng						
1:30 PM		4.0			•	washed up equipment	washed up equipment							
					*				·					
CREW UNIT SUMMARY Camenter: Casey Kennedy 89 Average Rate Average Pressure Total Fluid	1:30 PM				and the second s	left location								
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Cementer: Casey Kennedy 89 Average Rate Average Pressure Total Fluid		CREW UNIT SUMMARY												
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and a supplied to the control of the				238										
Pump Operator: Nick Beets 238 3.1 bpm - psi - bbls Bulk: Devin Katzer 193				*			3.1	upin -	psi	- DDIS				
H2O: Keith Detwiler 124			Contract of the Contract of th											