KOLAR Document ID: 1633780

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

Feet from North / South Line of Section	OPERATOR: License #	API No.:
Address 2:	Name:	Spot Description:
City: State: Zip: + Feet from	Address 1:	SecTwpS. R □East □ West
Contact Person: Footages Calculated from Nearest Outside Section Corner: Phone: (Address 2:	Feet from North / South Line of Section
NE	City: State: Zip: +	Feet from _ East / _ West Line of Section
CONTRACTOR: License #	Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Name:	Phone: ()	□NE □NW □SE □SW
Name: (e.g. xxxxxxxx) (e.g. xxxxxxxxx) (e.g. xxxxxxxxx) (e.g. xxxxxxxxxx) (e.g. xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	CONTRACTOR: License #	GPS Location: Lat:, Long:
Wellsite Geologist: County: Purchaser: Lease Name: Well #: Designate Type of Completion: Lease Name: Well #: New Well Re-Entry Workover Oil WSW SWD Gas DH EOR OG GSW CM (Coal Bed Methane) Amount of Surface Pipe Set and Cemented at: Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: Operator: If Alternate II completion, cement circulated from: Get depth to: w/ Sx Despening Re-perf. Conv. to EOR Conv. to SWD Plug Back Liner Conv. to GSW Conv. to Producer Commingled Permit #: Developing Selected from the Reserve Pit) Chloride content: Developing method used:	Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)
Purchaser: Designate Type of Completion: New Well Re-Entry Workover Oil SWSW SWD Gas DH EOR OG GSW CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): Well Name: Operator: Well Varies I completion, cement circulated from: feet depth to: Deepening Re-perf. Conv. to EOR Conv. to SWD Plug Back Liner Conv. to GSW Conv. to Producer County: Lease Name: Well #: Field Name: Field Name: Field Name: Producing Formation: Field Name: Nultiple Stage Cementing Cound: Kelly Bushing: Flug Back Total Depth: Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: If Alternate II completion, cement circulated from: feet depth to: Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: Dewatering method used:	Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Designate Type of Completion: New Well		County:
New Well		Lease Name: Well #:
Producing Formation: Oil		Field Name:
Gas DH EOR GG GSW CM (Coal Bed Methane) Amount of Surface Pipe Set and Cemented at: Multiple Stage Cementing Collar Used? Yes No If Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Original Comp. Date: Deepening Plug Back Liner Conv. to GSW Conv. to Froducer Commingled Permit #: Dewatering method used: Elevation: Ground: Relly Bushing: Plug Back Total Depth: Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: If Alternate II completion, cement circulated from: feet depth to: W/ sx Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: Dewatering method used:		Producing Formation:
□ OG □ GSW □ CM (Coal Bed Methane) Amount of Surface Pipe Set and Cemented at: □ Cathodic □ Other (Core, Expl., etc.): □ Multiple Stage Cementing Collar Used? □ Yes □ No If Workover/Re-entry: Old Well Info as follows: □ If yes, show depth set: □ Operator: □ If Alternate II completion, cement circulated from: □ Well Name: □ Original Total Depth: □ Deepening □ Re-perf. □ Conv. to EOR □ Conv. to SWD □ Plug Back □ Liner □ Conv. to GSW □ Conv. to Producer □ Commingled Permit #: □ Dewatering method used:		Elevation: Ground: Kelly Bushing:
GM (Coal Bed Methane) Amount of Surface Pipe Set and Cemented at: Cathodic □ Other (Core, Expl., etc.): Multiple Stage Cementing Collar Used? □ Yes □ No If Workover/Re-entry: Old Well Info as follows: If yes, show depth set: □ Operator: If Alternate II completion, cement circulated from: □ Well Name: □ Original Comp. Date: □ □ Deepening □ Re-perf. □ Conv. to EOR □ Conv. to SWD □ □ Plug Back □ Liner □ Conv. to GSW □ Conv. to Producer □ Commingled □ Permit #: □ □ Commingled □ Permit #: □ Amount of Surface Pipe Set and Cemented at: □ Multiple Stage Cementing Collar Used? □ Yes □ No If Alternate II completion, cement circulated from: □ Feet depth to: □ W/ □ Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: □ ppm Fluid volume: □ Dewetering method used:		, ,
Cathodic Other (Core, Expl., etc.): Multiple Stage Cementing Collar Used? Yes No		
If Workover/Re-entry: Old Well Info as follows: Operator:		
Operator:	Cathodic Other (Core, Expl., etc.):	
Well Name:	If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to EOR Conv. to SWD Plug Back Liner Conv. to GSW Conv. to Producer Commingled Permit #: Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume:	Operator:	If Alternate II completion, cement circulated from:
Deepening Re-perf. Conv. to EOR Conv. to SWD Plug Back Liner Conv. to GSW Conv. to Producer Commingled Permit #:	Well Name:	feet depth to:w/sx cmt.
Plug Back Liner Conv. to GSW Conv. to Producer (Data must be collected from the Reserve Pit) Commingled Permit #:	Original Comp. Date: Original Total Depth:	
Plug Back Liner Conv. to GSW Conv. to Producer (Data must be collected from the Reserve Pit) Commingled Permit #: ppm Fluid volume: ppm Fluid volume:	☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
Commingled Permit #: Dewatering method used:	☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	
Dawstering method used:		Chloride content:ppm Fluid volume:bbls
Dual Completion Permit #:		Dewatering method used:
		Donatoring motion dood.
SWD Permit #: Location of fluid disposal if hauled offsite:		Location of fluid disposal if hauled offsite:
EOR		Operator Name:
GSW Permit #: ·	GSW Permit #:	Lease Name: License #:
		Quarter Sec TwpS. R East _ West
Spud Date or Date Reached 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:					

KOLAR Document ID: 1633780

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 F	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	on	Oil Bbls.					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	OAKWOOD UNIT/WEBER 6A
Doc ID	1633780

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	820	portland	100	n/a

Oakwood Unit weber 6A

3	soil	3	start 1/14/2022
7	clay and rock	10	finish 1/17/2022
90	lime	100	
180	shale	290	
18	lime	308	
56	shale	364	set 20' 7"
30	lime	394	ran 820' of 2 7/8
29	shale	423	hurricane cemented to surface
25	lime	448	
9	shale	457	
8	lime	465	
95	shale	560	
2	lime	562	
223	shale	784	
5	oil sand	789	good show
12	shale	801	
25	lime	826	td



MENT TRI	EATMEN'	r REPO	RT	170 mm 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
-MENT TREATMENT REPORT Customer: RJ Energy		Well:	Oak	Oakwood Unit/Weber 6A		EP3714			
City, State	-			County:		LN, KS	Date:	1/17/2022	
	Jason K			S-T-R:		12-22-21	Service:	longstring	
Field Ref	a Jason K	ent							
Downhold	Informatio	on		Calculated Si	urry - Lead		Calcu	lated Slurry - Tail	
Hole Size	5 5/8	in		Elend:	OWC 1/2	# PS	Slend:		
Hole Depti	826	ft		Weight:	15.00 p	pg	Weight:	ppg	
Casing Size	2 7/8	im		Water / Sx:	6.75 gal / sx		Water / Sx:	gal / sx	
asing Depti	820	ft		Yield:	1.43 ft³ / sx		Yield:	稅 ³ / sx	
ibing / Line	r.	îm		Annular Bbis / Ft.:	bbs / ft. An		Annular Bbls / Ft.:	bbs / ft.	
Depti	12	ft		Depth:	ft		Depth:	ft	
ool / Packe	F.			Annular Volume:	0.0 bbis		Annular Volume:	nnular Volume: 0 bbls	
Tool Depti	n:	ft		Excess:			Excess:	Excess:	
splacemen	-	bbls		Total Slurry:	25.21 bbis		Total Slurry:	0.0 bbls	
	E VENE	STAGE	TOTAL	Total Sacks:	Sacks: 99 sx Total Sacks:			0 sx	
IME RAT	E PSI	BBLs		REMARKS					
1:45 PM		-	-	on location, held safety	meeting				
			-						
4.0			-	established circulation					
4.0				mixed and pumped 300	mixed and pumped 300# Bentonite Gel followed by 4 bbls fresh water				
4.0									
4.0		1	*	mixed and pumped 99 sks OWC cement with 1/2# Phenoseal per sk, cement to surface flushed pump clean					
1.0			-	pumped 2 27/8" rubber plugs to casing TD with 4,75 bbls fresh water					
1.0				pressured to 800 PSI					
1.0			-	released pressure to set float valve, shut in casing					
4,0			-	washed up equipment					
7,0			-						
2:45 PM				left location		9			
2.45 FM	1				angang ti gina kananan kananan da Araba ana d				
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							SUMMAF	> V	
	CRE			TINU			T	Total Fluid	
Cemer	ter: Ca	sey Kenn	edy	89		Average Rate	Average Pressure		
Pump Opera	tor: Ni	ck Beets		238		3.1 bpm	- psi	- bbis	
	-	evin Katzei	THE RESERVE THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN THE PERSON NAMED IN COLUMN TWO IS NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN TRANSPORT NAMED IN THE PERSON NAME	193					
H2O: Keith Detwiler		124							