KOLAR Document ID: 1722854

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 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 #:
	Field Name:
New Well Re-Entry Workover	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
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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
□ Dual Completion Permit #: □ 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 TwpS. R
Spud Date or Date Reached TD Completion Date or 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:							

KOLAR Document ID: 1722854

Page Two

Operator Name: _				Lease Name:			Well #:		
SecTwp.	S. R.	Ea	ast West	County:					
	flowing 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	. Digital electronic log	
Drill Stem Tests Ta			Yes No		_	on (Top), Depth ar		Sample	
Samples Sent to G	Geological 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						
		R			New Used	on, etc.			
Purpose of Strir		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I			
Purpose:		epth Ty	pe of Cement	# Sacks Used	red 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:	ion/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	on	Oil Bbls.		Mcf Water Bbls. Gas-Oil Ratio				Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL: Bottom	
	_	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:					
. 5213 (1200) 10.	JIEG.			. 30.0.71					

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	COX 8A
Doc ID	1722854

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	9	692	portland	80	n/a

3	soil	3		
7	clay and rock	10		start 4/25/2023
105	lime	115		finish 4/26/2023
162	shale	277		
28	lime	305		set 20'7"
57	shale	367		ran 692' 2 7/8
28	lime	395		cemented to surface
35	shale	430		with 80 sxs
25	lime	455		
7	shale	462		
6	lime	468		
91	shale	554		
2	lime	561		
70	shale	631		
4	sandy shale	635	odor	
11	oil sand	646	good show	
56	shale	702	td	



Customer	RJ Energy		Lease & Well #	Cox Lease - #8A &	. #10i			Date	4/:	27/2023	
Service District	Garnett		County & State	Linn - KS	Legals S/T/R			Job#			
Job Type	Longstring	☑ PROD	□ INJ	SWD	New Well?	✓ YES	□No	Ticket #	Е	P8528	
Equipment #	Driver			Job Safety An	alysis - A Discuss	sion of Hazards	& Safety Pro	ocedures			
97	Garrett S.	☑ Hard hat		☑ Gloves		☐ Lockout/Tag	out	☐ Warning Sign:	s & Flagging		
209	Nick B	☑ H2S Monitor		☑ Eye Protection		Required Per	mits	☐ Fall Protection	ı		
246	Doug G	☑ Safety Footwe		Respiratory Prot		☑ Slip/Trip/Fall		✓ Specific Job S	equence/Expe	ectations	
111	Dan D	☑ FRC/Protective	_	Additional Chen	•	☑ Overhead Ha		☑ Muster Point/	Medical Locat	ions	
	Drew B	✓ Hearing Protect	tion	☑ Fire Extinguisher			ncerns or iss	sues noted below			
					Con	nments					
		<u> </u>									
		<u> </u> 									
Product/ Service											
Code		Descr	ription		Unit of Measure	Quantity					mount
M010	Heavy Equipment N	-			mi	25.00					\$100.00
M015	Light Equipment Mil				mi	25.00					\$50.00
M025	Ton Mileage - Minin	num			each	1.00					\$300.00
C011	Cement Pump Serv	ice			ea	2.00					\$900.00
3011	Sement Fully Serv	100			ea ea	2.00					ψουυ.υυ
CP049	EconoBond				sack	140.00				\$2	2,800.00
CP095	Bentonite Gel				lb	400.00					\$160.00
											,
FE025	2 7/8" Rubber Plug				ea	4.00					\$160.00
T010	Vacuum Truck - 80	bbl			hr	3.00					\$270.00
AF080	Fresh Water				gal	3,000.00					\$60.00
Cust	omer Section: On the	ne following scale h	ow would you rate	Hurricane Services I	nc.?				Net:	\$4	4,800.00
						Total Taxable	\$ -	Tax Rate:		\geq	\leq
Ba	sed on this job, ho	w likely is it you v	vould recommend	d HSI to a colleague	?	State tax laws dee used on new wells		ducts and services ix exempt. Hurricane	Sale Tax:	\$	-
						Services relies on		provided well ermination if services			
***************************************	Kophird#12	3 4 5	6 7 8	3 9 10 н	(winpho#Dirino)	and/or products ar		Cirillia del III del Video	Total:	\$ 4	4,800.00
						HSI Represe	ntative:				
TERMS: Cash in adva	nce unless Hurricane S	ervices Inc. (HSI) has	annroved credit prio	r to sale. Credit terms o	f sale for approved a	<u> </u>		r hefore the 30th day	from the date of	of invoice	Past due
accounts shall pay inte collection, Customer h applied in arriving at n Pricing does not includ discount is based on 3 made concerning the t guarantee of future pro operational care of all	coounts shall pay interest on the balance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the ollection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously pplied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue, ricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any iscount is based on 30 days net payment terms or cash. DISCLAIMER NOTICE: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations hade concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no uarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper perational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and urricane has been provided accurate well information in determining taxable services.										
×				CUSTOMER A	UTHODIZATIO	NI SICNATUE)E				

mplv: 390-2023/04/20



CEMENT	TRE	ATMEN1	r REPO	ORT						
Cust	tomer:	RJ Ener	gy		Well: Cox, #8A, #10I Ticket: EP8528					
City,	State:				County:					
Field	Field Rep: Jason Kent S-T-R: Service: Longstring							Longstrings		
Dow	nhole l	nformatio	n		Calculated Si	lurry - Lead			Calc	ulated Slurry - Tail
Hole	e Size:	5 7/8	in		Blend:					
			ft		Weight:		opg		Weight:	ppg
Casing	g Size:	2 7/8	in		Water / Sx:	7.1 9	gal / sx		Water / Sx:	gal / sx
Casing I	Depth:		ft		Yield:	1.56 f	it³/sx		Yield:	ft ³ / sx
Tubing /	Liner:		in		Annular Bbls / Ft.:	ŀ	obs / ft.		Annular Bbls / Ft.:	bbs / ft.
	Depth:		ft		Depth:	ſ	t		Depth:	ft
Tool / Pa	acker:				Annular Volume:	0.0 1	obls		Annular Volume:	0 bbls
Tool I	Depth:		ft		Excess:				Excess:	
Displace	ement:		bbls		Total Slurry:	0.0 I	obls		Total Slurry:	0.0 bbls
			STAGE	TOTAL	Total Sacks:	0 s	sx		Total Sacks:	0 sx
TIME	RATE	PSI	BBLs	BBLs	REMARKS	_				
11:30 AM			-	-	On location Held saftey	meeting				
				-	#40LU-L-TD 004L B'	TD 6741				
	20			-	#10l Hole TD 684', Pipe		7/01/4			
	3.0			-	Established circulaion the Mixed and pumped 400#			DPI of from	h water	
	3.0			-	Mixed and pumped 70 sl		-		ii water	
	3.0			<u>.</u>	Knocked off and flushed			# 13		
	1.0	200.0		-	Dropped two rubber plus			RI of fresh	water	
	1.0	800.0		_	Pressured well up to 800					
12:00 PM				-	Wash up equipment and		-			
				-						
					#8A Hole TD 702', Pipe	TD 692'				
	4.0				Established circulaion th	hrough the 2	7/8" tubing			
	4.0				Mixed and pumped 400#	of bentonite	gel followed by 4B	BI of fresh	water	
	4.0				Mixed and pumped 80 sl	ks of Econob	ond Cement with 1	# PS		
					Knocked off and flushed	d pump clean				
	1.0	200.0			Dropped two rubber plug	gs and displa	ced them with 4 Bl	BL of fresh v	vater	
	1.0	800.0			Pressured well up to 800) PSI, release	d pressure to set fl	loat valve		
1:00 PM					Wash up equipment and	l Left				
	\vdash									
	\vdash									
	$\vdash\vdash\vdash$									
	\vdash									
	$\vdash \vdash \vdash$									
	\vdash									
		CREW			UNIT				SUMMAR	Υ
Cer	nenter:	Garret			97		Average Rate		verage Pressure	Total Fluid
Pump Op		Nick B			209	Ţ	2.5 bpm		500 psi	- bbls
	Bulk #1:	Doug			246					
Е	Bulk #2: Dan D 111									

ftv: 15-2021/01/25 mplv: 390-2023/04/20