KOLAR Document ID: 1459781

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:	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 in hadica offsite.
GSW Permit #:	Operator Name:
_	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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 Approved by: Date:

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Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	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	sed 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.					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.			. 30.0.710				

Form	ACO1 - Well Completion				
Operator	RJ Energy, LLC				
Well Name	FREEMAN A 2-I				
Doc ID	1459781				

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	41	portland	4	
Production	5.875	2.875	6.5	1000	portland	125	

HAMMERSON CORPORATION

PO BOX 189 Gas, KS 66742

Invoice

Date	Invoice #	
2/10/2019	14257	

Bill To	
R.J. ENERGY LLC 22082 NE NEOSHO RD GARNETT. KS 66032	

P.O. No.	Terms	Project
	Due on receipt	

Quantity	De	scription	Rate	Amount
125	WELL MUD (\$8.00 PER SACK) Well TRUCKING (\$50 PER HOUR) SALES TAX	Freeman 2i	8.00 50.00 6.50%	1.000.00 100.00 71.50

Thank you for your business.	Total	\$1.171.50



Mound City, KS

					VIL LII	10, 11	10.			iviound City, KS	
										620.224.7406	
Well #								Ca	sing		
	l	Freema	n A #2-	·I				Surface	Longstring		
	1	RJ ENER	RGY, LL	C			Size:	7.0 "	Size:	2 7/8 "	
							Tally:	41 '	Tally:	100.2 '	
API#:	15-03	1-24353	S-T-R:	11-23-16E			Cement:	4 sx	Bit:	5.875 "	
County:	Coffe	у	Date:	1/31/2019			Bit:	9.875 "	Date:	2/8/2019	
Тор	Base	Form	ation		1	Тор	Base	Formation	_		
0	2	Soil	ation			100	Dusc	romation			
2	17	Clay									
17	24	Sand & g	ravel								
24	126	Shale	raver								
124	131	Lime									
131	151	Sand									
151	198	Lime									
198	290	Shale									
290	304	Lime									
304	310	Shale									
310	342	Lime									
342	345	Shale									
345	415	Lime									
415	466	Shale									
466	475	Lime									
475	476	Shale									
476	528	Lime									
528	535	Shale									
535	583	Lime									
583	775	Shale									
745	775	Lime									
775	844	Shale									
844	851	Lime									
851	869	Shale									
869	877	Lime						Sand / Core I	Detail		
877	911	Shale				Core #1:		Core #2			
911	917	Lime				959	962	Sandy shale, sligh		bleed.	
917	962	Shale						. , 0	, -		
962	975	Sand				962	965	Soft sand, slightly	laminated	d, good odor,	
975	1008	Sandy Sh	ale					no bleed, very litt			
1008		TD						Looks washed.			
						965	973	Same as 962-965.			
				Total Depth:	10	002	İ				
				. otal Deptili							