Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1369152

Form ACO-1 November 2016 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					
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.xxxxxx)					
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84					
Purchaser:	County:					
Designate Type of Completion:	Lease Name: Well #:					
New Well Re-Entry Workover	Field Name:					
☐ Oil ☐ WSW ☐ SWD	Producing Formation:					
Gas DH EOR	Elevation: Ground: Kelly Bushing:					
	Total Vertical Depth: Plug Back Total Depth:					
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet					
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: 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)					
Down't #	Chloride content:ppm Fluid volume: bbls					
☐ Commingled Permit #: Dual Completion Permit #:	Dewatering method used:					
SWD Permit #:	Location of fluid diagonal if hould offsite.					
EOR Permit #:	Location of fluid disposal if hauled 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 III Approved by: Date:						

Page Two



Operator Name: _				Lease Name:			Well #:				
Sec Twp	oS. R.	Eas	t West	County:							
	flowing and shu	t-in pressures, wh	ether shut-in pre	ssure reached sta	itic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,			
Final Radioactivity files must be subr						iled to kcc-well-lo	gs@kcc.ks.gov	. Digital electronic log			
Drill Stem Tests To			Yes No		0	on (Top), Depth ar		Sample			
Samples Sent to	Geological Surv	ey	Yes No	Na	ne		Тор	Datum			
Cores Taken Electric Log Run Geolgist Report / List All E. Logs Ru	_		Yes □ No Yes □ No Yes □ No								
List All L. Logs III	un.										
		Rep		RECORD [] I	New Used	on, etc.					
Purpose of Stri			ize Casing	Weight	Setting	Type of	# Sacks	Type and Percent			
	Ori	lled S	et (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives			
		l l	ADDITIONAL	. CEMENTING / SC	LIFEZE BECORD	l					
Purpose:		epth Typ	e of Cement	# Sacks Used		Type and F	Percent Additives				
Perforate		Bottom									
Protect Cas	гD										
Plug Off Zo	ne										
2. Does the volume	of the total base fl	ng treatment on this uid of the hydraulic f ent information subm	racturing treatment	_		No (If No, sk	ip questions 2 an ip question 3) out Page Three c				
Date of first Produc	tion/Injection or Re	esumed Production/	Producing Meth	nod:							
Injection:			Flowing	Pumping	Gas Lift C	Other (Explain)					
Estimated Product Per 24 Hours	ion	Oil Bbls.	Gas	Mcf W	ater B	bls. (Gas-Oil Ratio	Gravity			
DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:											
✓ Vented ✓ Sold Used on Lease ✓ Open Hole ✓ Perf. ✓ Dually Comp. ✓ Commingled (If vented, Submit ACO-18.) (Submit ACO-5) (Submit ACO-4)							Bottom				
Shots Per Foot	Perforation Top	Perforation Bottom					Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)				
	100		.,,,,,			(,					
TUBING RECORD	: Size:	Set At	:	Packer At:							

Form	ACO1 - Well Completion			
Operator	RJ Energy, LLC			
Well Name	MURROW 4-A			
Doc ID	1369152			

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	20	portland	5	

3 - Statement Copy	X Openin vo.des	NO ABBITTA			Medi		Sele To: ROGER KENT 22982 ME MECISHO RD GARMETT, KS 66822			TTRUE \ 410 Garne 85, 440-7106
	MACERSON COLUMN	WHAT GLASSTING ARCHIOSES		PORTLAND CEMENT-9M	DESCRIPTION	Cardway PD	590 15 ROLL 580 ROLL	Aud rep sett		GARNETT TRUE VALUE HOMECENTER 410 N Mapole Garnett, KS 86032 (785) 440-7106 FAX (785) 448-7135
	Tanajah G-852-00 Non-basah G-00 Tes			15,0000 n. 11,4900 aas	All Price/Uses	Gale Br	NOT FOR HOUSE USE	Sup Don Sup Don Suppose Date Des Date	Invoice: 10235739	
	ű	Sales total		11,4800	MACE E			040476 040476	3235739	Statement Copy INVOICE
	519.41	\$6402.60		298.00 00.395	EXTENSION	in				# M y
		T		41.00	Macaro					
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	X Series	10000		20 P P	1-1	Dominion 9000357	SAN TO, BOGGIN KEINT 22682 HE NEOSSHO RD DARNETT, KS 60632	objection :	Page 1	GARNETT TR
3 - Statement Cop	MCTABLICONATA MENGGEORIAN	OCCUPANT NAME AND ADDRESS AND ADDRESS OF			ITEM!	Suspect 9000357 Custome PO	840 RD	MINE	Page:1	GARNETT TRUE VALUE HOMECE 410 N Maple Garnett, KS 06032 [786] 448-7106 FAX [785] 448-7135
3 - Statement Copy	NELENTECONNER SERVICES CHECKET Transition Monthicealth Transition Services (Service Services) (Services) (Serv	оноворя		SHE CHARLES	ITEMI DESCRIPTION AL		840 NO	A NEXT. Aux op ook	3	ARNETT TRUE VALUE HOMECENTER 410 N Maple Garmett, KS 68002 [785] 446-7106 FAX [785] 446-7135
3 - Statement Copy	HILLINGERON CHARTY HILLINGERON CHARTY CONDICT Teacher 328.69 Not include the condict Condi	Character and Canadaco		Credited from terroice 92(2)11-46	TEM DESCRIPTION ALPROPULAR	Gatterup PO	840 RD	A MINUE Aust ap color Den free	noon of	ARNETT TRUE VALUE HOMECENTER 410 N Mapie Garmett, KS 66032 [785] 448-7106 FAX [785] 448-7135



RJ Energy

22082 NE Neosho Rd Garnett, Kansas 66032

Murrow 4-A

				Start 8-23-17
2	soil	2		Finish 8-24-17
6	clay/rock	8		
84	lime	92		
168	shale	260		
20	lime	280		
64	shale	344		
31	lime	375		
40	shale	415		set 20' of 7"
26	lime	441		Plugged 8-25-17
6	shale	447		Ran pipe to 800' pumped 10sxs
6	\mathbf{lime}	453		pulled up to 600' pumped in 10sxs.
97	shale	550		Pulled up to 250' filled to surface
2	lime	552		40sxs total
228	shale	780		
31	\mathbf{lime}	811	Dry hole	