## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(	See Instruct	ions on Rev	erse Side	)					
	en Flo liverab			Test Date: 9/17/2015			API No. 15 175-20, 780-000							
Company JMA Energy Company, LLC							Lease Roy Gre	en			4-19	Vell Nun	nber	
County Seward			Location NE SW		Section 19		TWP 34S		RNG (E/W) 34W		Acres Attributed		tributed	
Field Wide Aw	ake			Reservoir Chester			Gas Gathering Co XTO		hering Conne	ection				
Completion Date 6/2/2007				Plug Back Total Depth		h		Packer Set at N/A						
Casing Size 5.5			Weight 15.5 J		Internal Diameter		Set at 6700		Perforations 6156		то 6513			
Tubing Size 2 3/8			Weight		Internal Diamete		Set at 6576		Perforations		То			
Type Con Re-Entr		n (De	escribe)		Type Fluid Production		า			o Unit or Traveling Plunger? S - Plunger		Yes / No		
Producing	Thru	(Anr	nulus / Tubing	)	% Carbon Dioxide		đe	9 % N		ел	Gas Gra	Gas Gravity - G		
Vertical D	epth(F	l)				Pres	sure Taps				(Meter F	Run) (Pro	over) Size	
Pressure	Buildu	p: :	Shut in 9/16	; 2	0.15 at 8:	:00 a.m.	(AM) (PM)	Taken_9/	17	20	15 <sub>at</sub> 8:15 a	.m. (A		
Well on L	ine:				0 8: 0 at	:20 a.m.	(AM) (PM)	Taken		20	al	( <i>F</i>	AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-i	n	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Hear Temperature Temperatu		(P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In	Shut-In						psig 99#	psia	psig psia 99#		24 hrs	0		
Flow														
			<del></del> _			FLOW STR	EAM ATTRI	BUTES			1	•		
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Grav Faci F <sub>c</sub>	tor	Temperature Factor		viation Metered Flow actor R F <sub>PV</sub> (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G	
/D \2			(D. \2		•		ERABILITY)					2 = 0.20	)7	
(P <sub>c</sub> ) <sup>2</sup> =			(P <sub>w</sub> )* =_	Thoose formula 1 or 2	P <sub>d</sub> =			<sub>c</sub> - 14.4) +	-	· -	(P <sub>d</sub> ):	T		
(P <sub>o</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or (P <sub>o</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ Sivided by: $P_c^2 - P_w^2$	2. P2-P2 1. df 2. and divide		Backpressur Slope =or- Assign Standard		n x LOG		Antilog	Deliv Equals	en Flow verability R x Antilog Mcfd)	
						····	1		_					
Open Flo	w			Mcfd @ 14.	.65 psia		Deliverabi	ility			Mcfd @ 14.65 psi	a	· · · · · ·	
		•	·				•		c	ne above repo e <u>pt</u> ember	ort and that he ha		edge of 15 .	
ine iacis s	ialeg i	nerei	ni, and mat sa	id report is true	a and correc		MIC:	/	$\frac{\text{detay of } \frac{3}{2}$			, 2		
			Witness (if	any)			2 4 201		- P	For	Company			
			For Comm	ssion		اجال	<u>د</u> ا ۱۷ <u>۱</u>	<u>,,,</u>		Che	cked by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator <u>JMA Energy Company</u> , LLC
and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.  I hereby request a one-year exemption from open flow testing for the Roy Green 4-19 gas well on the grounds that said well:
(Check one)  is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER is on vacuum at the present time; KCC approval Docket No is not capable of producing at a daily rate in excess of 250 mcf/D  I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 9/22/2015
SEP 24 2015  RECEIVED  Signature: Operations Manager

## instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.