KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				٠ (See Instruc	tions on Rev	verse Side	e)					
Open F	low			Test Date	.			ΛD	I No. 15				
Deliverabilty		Test Date: 11-29-2013				API No. 15 15-119-10086 0000							
Company Rama Opera	ating (Co., Inc				Lease Gano				-	Well Nur	nber	
County Location Meade SESW		Section 17		TWP 31		RNG (E/W) 29w			Acres Attributed 640				
Field Hockett			Reservoi				Gas Gathering Conn. Oneok		ction				
Completion Date 12-13-1957		Plug Bac	Plug Back Total Dept		:h		Set at						
Casing Size Weigh 5 1/2 15.5		ht	Internal Diameter		Set at 5549		Perforations 5458		To 5466		<u>.</u>		
		Weig	ht	Internal E	Internal Diameter		Set at 5430		prations	То			
Type Completion (Describe) Single (Gas)			Type Flui water	Type Fluid Production				nit or Traveling	Plunger? Yes	er? Yes /No			
Producing Thru (Annulus / Tubing) tubing				arbon Dioxi	e		flowing % Nitrogen		Gas Gr	Gas Gravity - G _g			
Vertical Depth	n(H)				Pres	sure Taps				(Meter	Run) (Pro	over) Size	
Pressure Buil	dup:	Shut in1	1-29	20 13 at		(AM) (PM)	Taken		20	at	(<i>p</i>	M) (PM)	
Well on Line:		Started 11-30						20 _					
					OBSERVE	D SURFACE	DATA			Duration of Shut-	-in_24	Hours	
Static / Orifice Dynamic Size Property (inches)		Circle one: Meter Prover Press		Temperature	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In		psig (Pm)	Inches H ₂ 0	`		psig 300	psia	psig	psia	··			
Flow									-	, ,			
I		1			FLOW STR	EAM ATTRI	BUTES	1			-		
Plate Coefficient (F _b) (F _p) Motd		Circle one: Meter or over Pressure psia	Press Extension ✓ P _m xh	Extension Fact		Flowing remperature Factor F,,	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
P _c) ² =		/D \2.	=:	(OPEN FLO	• •	ERABILITY) % (P					² = 0.20	7	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		P _c) ² ~ (P _w) ²	Choose formula 1 or 1. P _c ² -P _s ² 2. P _c ² -P _d ² divided by: P _c ² -P	2: LOG of lormula 1, or 2, and divide	P _c ² - P _w ²	Backpressure Curve Slope = "n"		, , , , oc		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
			•										
						<u> </u>							
Open Flow		a	Mcfd @ 14	•		Deliverabi				/lcfd @ 14.65 ps			
										t and that he ha		_	
- Idolo sidiol		, and that s	and report to tit	2110 001160	. LACCUIEU			uay 01	***				
		Witness	(if any)						For Co	ompany	_れしし	C-WIC	
		For Com	mission						Check	ed by	—DE(C 19 2	
											F	RECEIV	

	are under penalty of perjury under the laws of the state of Kansas that I am authorized to reques	t
exempt st	atus under Rule K.A.R. 82-3-304 on behalf of the operator Rama Operating Co., Inc.	-
and that t	ne foregoing pressure information and statements contained on this application form are true and	i
correct to	he best of my knowledge and belief based upon available production summaries and lease records	}
- *	ent installation and/or upon type of completion or upon use being made of the gas well herein named	
l here	by request a one-year exemption from open flow testing for the Gano	-
gas well o	n 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	
l furth	er agree to supply to the best of my ability any and all supporting documents deemed by Commiss	io
staff as ne	cessary to corroborate this claim for exemption from testing.	
Date: 12	18-2013	
Jale: <u>'2</u>	10 2010	
	Signature:	

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.