KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:					4	(See Instr	ruct	ions on Re	verse Sid	(e)					•	
4.5	pen Flo					Test Date	e,				ΔΡΙ	No 15			_		
Deliverability					11-20-2011					API No. 15 15-119-00044 -							
Company Rama Operating Co., Inc						Lease Smit			'D"				Well Number 1				
County Location Meade C-Se-Nw				Section 17			TWP 31		RNG (E/W) 29w			Acres Attributed 640					
Field Hockett				Reservoir Kinderhook				Gas Gathering Connection - Oneok									
Completi 5-28-19		te				Plug Bac	k Total D	ept	h		Packer 8	Set at					
Casing Size Weight 5 1/2 15.5				Internal Diameter			Set at 5583		Perforations 5397			To 5413					
Tubing Size Weight 1.667				Internal Diameter			Set at 5405		Perforations			То					
Type Cor	mpletio	n (Des	cribe)	•		Type Flui water	d Produc	tion)	<u>.</u>	Pump Ur		veling F	lunger? Yes	/ No		
Producing	g Thru	(Annu	lus / Tut	ing)		% (Carbon Di	oxic	de		% Nitrog			Gas (ravity -	G ₀	
Vertical D	Depth(F	1)					Pr	ress	sure Taps			···· ····		(Mete	r Run) (Prover) Size	
Pressure	Buildu	ıp: St	nut In	1-19	2	0 11 at								at			
Well on L	Well on Line: Started 11-20			2	0 <u>11</u> at	11 at (M) (PM) Taken		20		at		(AM) (PM)		
									D _. SURFAC				· · · · · · · · · · · · · · · · · · ·	oration of Shu	2/		
Static / Dynamic Property	mic Size		Circle one: Mater Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Well H		Wallhaad Proceura		Pressure	Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		ر.	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	nut-In							380		para	pag	psia					
Flow																	
							FLOW S	TR	EAM ATTR	IBUTES							
Plate Coefficient (F _b) (F _p) Mod		Grote one: Meter or Prover Pressure psia		,	Press Extension Pmxh	Grav Fac F	tor	Flowing Temperature Factor F ₁₁		Fi	Deviation Metered Flo Factor R F _{pv} (McId)		₹	W GOR (Cubic Fed Barrel)		Flowing Fluid Gravity G	
						40						_		·	<u> </u>		
P _c)² =		<u>:</u>	(P _*)	٠	<u> </u>	•	OW) (DEL	.IVE %	ERABILITY) 6 (F	•	_ATIONS - 14.4 =		<i>:</i>) ² = 0. ₂) ² =	207	
$(P_e)^2 - (P_d)^2$ or $(P_e)^2 - (P_d)^2$		(P _e) ² - (P _w) ²		2	se formula 1 or 2 P ₀ ² - P ₂ ² . P ₀ ² - P ₀ ²	LOG of formuta 1, or 2, and divide	P.2. P.3		Backpressure Curv. Slope = "n" or Assigned Standard Slope		n x i	rod		Antilog	De	pen Flow liverability s R x Antilog (McId)	
				UIV.O	d <i>by</i> : P _s - P _s		<u> </u>		Ç42.101						1	-	
Open Flo		•			Mold @ 14	65 nein			Deliversh	ille				aid 61 4 A C F -	sin.		
The u	undersi			on be		Company, s				ithorized t			report	and that he h		ECEIVE	
e facts si	tated th	nerein,	and that	said r	eport is true	and correc	t. Execut	ed :	this the		day of				D	EC 12 2	
			Witnes	s (if any)	 -	····	<u></u>	-	_		· <u></u> ·	<u></u>	For Cor	npany	1/0	<u> </u>	
				mmission										ed by	KC	C WICH	

exempt status u	inder penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Rama Operating Co., Inc.
	regoing pressure information and statements contained on this application form are true and est of my knowledge and belief based upon available production summaries and lease records
of equipment in	stallation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby red	quest a one-year exemption from open flow testing for the Smith D*1
gas well on the	grounds that said well:
I further ag	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 mct/D ree to supply to the best of my ability any and all supporting documents deemed by Commissionary to corroborate this claim for exemption from testing.
	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.