KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruc	tions on Re	verse Side)					
Open Flow				Test Date: API No. 15									
✓ De	liverabilty	·		11/24/1					199-20331-	0000			
Company Raven Resources, LLC					Lease Westfield					Well Number #2-31			
County Location Wallace County C SE/4			Section 31		TWP RNG (E/W) 11S 41W			Acres Attributed					
Field				Reservoi Niobrara					hering Conne gathering s		West K	ansas Pipelin	ie)
Completion Date 8/2008				Plug Bac 1008'	k Total Dep	oth	n Packer Set at			RECEIVED To STONIA STORY TO KCC WICHIT Plunger? Yes No			_ CEIVET
Casing Size We 4 1/2" 10.				Internal Diameter		Set at 1045'		Perforations 844'		то 878'		DEC 2 6 21	
Tubing Size Weight 2 3/8" 4.7		Internal Diameter		Set at 837'		Perforations			To KCC I		1/10		
Type Completion (Describe) "Single Gas"				Type Fluid Production Only Gas			Pump Unit or Traveling Plunger?				No	WICHIT!	
Producing Thru (Annulus / Tubing) Tubing			% C					Nitrogen Gas Gravity - G _g					
Vertical D	Depth(H)				Pres	ssure Taps				······································	(Meter F	Run) (Prover) Si	ze
Pressure	Buildup:	Shut in	24 2	0 12 at 1	1:12	(PM)	Taken_11	/25	20	12 at_	11:12	(AM)(PM	 I)
Well on L	.ine:	Started 11/2		0 12 at 1		(PM)	Taken 11	/26	20	12 at _	11:12	(AM)(PM	•
					OBSERVE	D SURFAC	E DATA			Duration	of Shut-i	in 24 Ho	ours
Static / Dynamic Property	Orifice Size (inches)	Prover Pressure in		Flowing Temperature t	Well Head Temperature t	Wellhead (P _w) or (F	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		ation urs)	Liquid Produced (Barrels)	
Shut-In	.2500			60		psig 6	psia	psig 6	psia	24		0	_
Flow	.2500	15	4.6	44		2		2		24		0	
·					FLOW ST	REAM ATTR	RIBUTES	<u> </u>					
Plate Coeffied (F _b) (F Mofd	eient (p)	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Extension Fact		Flowing Temperature Factor F ₁₁	Fa	Deviation Metered F Factor R F pv (Mcfd)		v	GOR (Cubic Feet/ Barrel) Flowir Fluid Gravit G _m		Ĭ
				(OPEN EI	OW) (DELIV	/ERABILITY	O CALCUI	ATIONS					
(P _c) ² =	:	(P _w) ² =	:				P _c - 14.4) +		·		(P _a)² (P _d)²	? = 0.207 ? =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ² (P _c) ² - (P _w) ² (2. P _c ² - P _d ² divided by: P _c ² - P _w ²		LOG of formula 1. or 2. and divide p 2. p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x i	n x LOG		ilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
													_
Open Flow Mcfd @ 14.65 psia						Deliverability				Mcfd @ 14.65 psia			
	•	ned authority, on	id report is true	• •		•	10	o make the	The c	<i>f</i> -	at he ha	s knowledge of	
		Witness (if	any)						For C	Company			
		For Commi	ssion			-			Chec	cked by			

DEC 2 6 2012

	RCC WICHITA
	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status und	er Rule K.A.R. 82-3-304 on behalf of the operator Raven Resources, LLC
and that the foreg	oing 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
	Illation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby reque	est a one-year exemption from open flow testing for the Westfield #2-31
gas well on the gro	ounds 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: 12/14/2011	
	Signature: Aun S
	Title: Managing Member

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.