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

Type Test	:				(	See Instruct	tions on Rev	erse Side	)					
Op	en Flow	,			Test Date	۹۰			ΔΡ	l No. 15				
✓ Deliverabilty 11/24/12							API No. 15 15-199-20334 <b>0080</b>							
Company Raven Resources, LLC					Lease Westfield						Well Number #1-36			
County Location Wallace County E/2 SE/4					Section 36		TWP 11S			<b>E/W)</b>		Acres	Acres Attributed	
				Reservoi					thering Conne		n m (West Kansas Pipeline)			
Completion Date 7/2008				Plug Bac 1012.30	k Total Dept	th	Packer Set at			RE				
Casing S 4 1/2"	ize		Weight 10.5		Internal Diameter		Set at 1048.65'		Perforations 862'-920' 925'-93		To -933'	то <b>DE</b> 3'		
Tubing Si	ize		Weight 4.7		Internal Diameter		Set at		Perforations		То	To KCC W		
Type Completion (Describe) N2 Frac "Single Gas"				Type Flui Only G	d Production	n		Pump U	nit or Traveling	Plunger? Y	es / No	<b></b>		
Producing		(Annulus /	ubing		······································	arbon Dioxi	de		% Nitrog	gen	Gas	Gravity -	G <sub>g</sub>	
Tubing Vertical D	epth(H)	)				Pres	sure Taps						Prover) Size	
1060'			11/24	<u> </u>	12 1	1.30			125		.50			
Pressure Well on L	•	Shut in Started		2	10 1100		X	M) (PM) Taken 11/25 M) (PM) Taken 11/26			12 <sub>at</sub> 11:3		(AM) (PM) (AM)(PM)	
					o a		( i iii)	Taken			a		$\overline{}$	
Static /	Cirgia ono: Pressure						1	Casing Tubing			Duration of Shut-in 24 Hours			
Dynamic Property	Dynamic Size		Prover Pressure		Flowing Well Head Temperature t		Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	.2500	19		0	60		6	,	6		24 0			
Flow .2500		0 14		12.2	46		2		2		24	0		
					1	FLOW STR	EAM ATTRI	BUTES					<del></del>	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P <sub>m</sub> xh	Gravity Factor F <sub>g</sub>		Temperature		viation Metered Flo actor R F <sub>pv</sub> (Mcfd)		(Cubic	GOR (Cubic Feet/ Barrel)		
(P <sub>c</sub> ) <sup>2</sup> =		_: (F	P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FL		<b>ERABILITY)</b> % (P	CALCUL <sub>c</sub> - 14.4) +		:		$P_a^2 = 0.5$ $P_d^2 = 0.5$	207	
(P <sub>c</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (	P <sub>a</sub> ) <sup>2</sup>	) <sup>2</sup> (P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		cose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	formula 1. or 2. and divide   p 2 _ p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		LOG	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo				Mcfd @ 14.			Deliverab				Mcfd @ 14.65			
		-	•	pehalf of the	• •		•	16	day of	ne <u>above</u> repo			wledge of , 20 <u>12</u>	
		Wi	tness (if ar	ıy)			_			For C	ompany			
		Fo	r Commiss	ion	-		_			Chec	ked by			

## DEC 2 6 2012 KCC WICHITA

KCC WICHITA
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 Raven Resources, 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 Westfield 1-36
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: 12/19/1-
Signature: My Monh

## 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.