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

Type Tes	st:				(	(See Instruc	tions on Rev	rerse Side	e)				
	pen Flo	w			Test Date	o.			A D I	No. 15			
∑ D∈	eliveral	bilty			12/1/20				15-	199-20332 <b>7</b>	Ocho		
Compan Raven F		ırces	, LLC				Lease Agnew				#1-23	Well Number	
County Wallace	Cour	nty	Locat NE/4	ion	Section 23		TWP 11S		RNG (E/ 42W	W)		Acres Attribute	
Field					Reservoi Niobrar		. <del></del> .			hering Conn gathering s	ection system (West I	Kansas Pipel	
Completi 7-9-07	ion Da	te			Plug Bad 1157.26	k Total Depi 6'	th		Packer S	Set at			
Casing S 4 1/2"			то 1094'	то 1094'-1104'									
Tubing S 2 3/8	ize		Weight 4.7	nt	Internal I	Diameter	Set a 1049		Perfo	rations	То	То	
Type Cor N2 Frac		n (D	escribe)	-	Type Flui	d Production	n	-	Pump Ur No	nit or Traveling	Plunger? Yes	/ No	
Producing	g Thru	(An	nulus / Tubin	g)	% (	Carbon Dioxi	de	·	% Nitrog	en	Gas G	ravity - G <sub>g</sub>	
Vertical D	Depth(I	H)				Pres	sure Taps				(Meter .500	Run) (Prover) S	
Pressure	Buildu	ıp:	Shut in 12	.1 2							09 at 9:00 a	, , ,	
Well on L	_ine:		Started 12-	2 2	0 <u>09</u> at <u>9</u>	:00 am	(AM) (PM)	Taken 12	2-3	20	09 at 9:00 a	<u>im</u> (AM) (P	
						OBSERVE	D SURFACE	DATA			Duration of Shut	_in_24	
Static / Dynamic Property	Orif Siz (inch	ze	Circle one: Meter Prover Press		Flowing Temperature t	Well Head Temperature t	Casi Wellhead F (P <sub>w</sub> ) or (P <sub>t</sub>	Pressure	Wellhe	ubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produc (Barrels)	
Shut-In	.500	)	psig (Pm)	Inches H <sub>2</sub> 0			psig 5	psia	psig 5	psia	24	0	
Flow	.500	)	15	3			3		3		24	0	
			·-			FLOW STR	EAM ATTRI	BUTES					
Plate Coeffiec (F <sub>b</sub> ) (F Mcfd	ient ,)		Circle one: Meter or ver Pressure psia	Press Extension ✓ P <sub>m</sub> xh	Grav Fac F <sub>s</sub>	tor T	Flowing Temperature Factor F <sub>f1</sub>	Fa	ation ctor	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	Grav	
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =		(OPEN FLO		ERABILITY)	CALCUL - 14.4) +			(P <sub>a</sub> )	<sup>2</sup> = 0.207	
(P <sub>c</sub> ) <sup>2</sup> - (I or (P <sub>c</sub> ) <sup>2</sup> - (I	P <sub>a</sub> ) <sup>2</sup>	(F	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2:  1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1. or 2.	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpres Slope Assi	sure Curve e = "n" or igned rd Slope	nxl	.og [ ]	Antilog	Open Flow Deliverabilit Equals R x An (Mcfd)	
											4		
Open Flor	l			Mcfd @ 14.	55 psia		Deliverabil	ity			Mcfd @ 14.65 ps	ia	
							`				rt and that he ha		
he facts s	tated t	herei	n, and that sa	aid report is true		RE	CEIVED		day of			, 20	
			Witness (i	f any)	K/		PATION COM			For C	отрапу		
			For Comm	ission			<b>2010</b>			Chec	ked by		
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## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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ounty		Location	<b>p</b> n	Section				RNG (E/			Acres Attribu
Vallac	£			23		115		421			
1610				Reservoir				Gas Gan	nering Conn	ection	
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23/8		4.7				1049.	70'				
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- 7		nulus / Tubing	))	% U	arbon Dioxi	oe.		% Nitrog	an		ravity - G <sub>g</sub>
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The un	ndersigne	ed authority, o	n behalf of the	Company,	states that h	e is duly au	Ihorized	to make th	ie above rep	ort and that he h	ies knowledge
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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 Agnew 1-23
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 Commiss staff as necessary to corroborate this claim for exemption from testing.
Date: 5/18/10
MAY 2 0 2010  Title: A Donk  WORLD RE

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.