Corrected Township 11/28/2012

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Form G-2 (Rev. 7/03)

RECEIVED DEC 0 3 2012

Type Tes	t:					(See Instru	ctions on Re	everse Side	9)						DEC O
= -	oen Flo Hiverat					Test Date	=		-		No. 15		_		K	CC WI
Company		JIII.Y				12/4/20	09	Lease		15-	199-20368*	000	D		Well Nu	
Raven F		rces	, LLC					Gebha	rds					#1-35		
County Wallace	Cour	nty	Loca NE/4	stion SE/		Section 35	J.	TWP THS	115	ANG (E 42W	(W)				Acres A	Attributed
Field						Reservoir Niobrara					hering Conn gathering			Vest K	ansas	Pipeline)
Completi 8/2008	on Da	te				Plug Bac 1187.46	k Total Der	oth		Packer \$	Set at					
Casing Size Weight 4 1/2" 10.5					Internal I	Diameter	Set 122	at 19.53'	Perforations 869' - 901'				То			
Tubing Size Weight 2 3/8" 4.7				internal [Diameter	Set . 861	at .16'	Perforations				То				
Type Cor		n (D	escribe)			Type Flui	d Production			Pump U	nit or Traveling	g Plur	nger?	Yes	No)
		(An	nulus / Tubi	ing)		% C	arbon Diox	cide	<u> </u>	% Nitrog			(Gas Gr	avity - (<u> </u>
Vertical D	Depth(I	1)			•		Pres	ssure Taps	·				-	Meter 1	Run) (Pr	rover) Size
Pressure	Buildu	ıp:	Shut in	2-4	2	09 at 9	am	(AM) (PM)	Taken - 12	2-5	20	09			((AM) (PM)
Well on Line:			Started 12-5		20	20 09 at 9 a		(AM) (PM)	Taken 12	2-6 20		09 _{at} 9 am			(AM) (PM)	
							OBSERVI	ED SURFAC	E DATA			Dura	ation o	of Shut-	in 24	Hours
Static / Orifice Dynamic Size Property (inches)			Meter Diffe		Pressure Differential	Flowing Wati Head Temperature t		Wallhand Draggura		Tubing Welthead Pressure (P _w) or (P ₁) or (P _a)		Duration (Hours)		Liquid Produced (Barrets)		
Shut-In	.500)"	15.8	"	Inches H ₂ 0		,	psig 6	psie	peig 6	psia	24			0	
Flow	.500		16.5		6			3		3		24			0	
'			· · · · · · · · · · · · · · · · · · ·				FLOW STI	REAM ATTR	IBUTES	·	•		•	·	-	
Plate Coeffictient (F _b) (F _p) Mold		Circle one: Meter or Prover Pressure psia		Press Extension	ktension Factor		Flowing Temperature Factor F ₁ ,		Periation Metered Flo Factor R F _{pv} (Mcfd)		GOR (Cubic Fe Barrel)		Graudtu			
	1				 -	(OPEN FLO	OW) (DELIV	/ERABILITY) CALCUL	ATIONS	<u> </u>					
(P _c)² =		<u>:</u>	(P _w) ²		:	P _d =			P _e - 14.4) +		:			(P _a) ²	= 0.20 =	
(P _o) ² - (P _e) ² or (P _o) ² - (P _d) ²		(P _c) ² - (P _w) ²		1. P _c ² - P _e ² LOG of formula 1 or 2: 1. P _c ² - P _e ² formula 1. or 2: and divided by: P _c ² - P _w ² .by:		Backpressure Slope =		pe = "n" - ar signed	n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mofd)			
-	_				-		· · ·					<u> </u>				
Open Flov				•	Mcid @ 14.6	5 neia	 -	Detiverab	ulity	<u> </u>			A 14	.65 psia		
<u> </u>	•	gned	authority,			- · . · · · · · · · · · · · · · · · · · 	ates that h			make th	e above repo					edge of
					eport is true	and correct	. Executed			day of	<u> </u>					0
			Witness	(if any)			2 0 2010		· 	For C	company	,	-		
			For Com	misska	n	<u>-</u>		-			Chec	ked by		- ·		
						. 0	ONSERV. OIW	ATION DIVI HITA, KS	SION							

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

DEC 0 3 2012

Type Yes	it:					(See Instruc	itions on Re	verse Sid	e)			DEC		
Open Row Deliverability					Test Date: API No. 15							KCC V		
4 A		ining	n neget un niemanne green					··				,,,,,		
Compan	y						L0286 Z<i>e64</i>a					Well Number		
County	A ./ ***		Location		Section		CLACATA TWP	2011.	RNG (E	M)		Acros Attributed		
Nelle			garan sa angga		35		115		421					
Fleid					Reservoi	-				thering Cor	nection	·		
•						sera	<u>.</u>	24 mm dayle 14 m						
Compteti		116			_	k Total Dep	ih.		Packer S	Sel al				
Casing S	_		Weighi		Internal I	> %	Sel		Perio	rations	To	-		
41/2			_	destat est mateur				9.53			69-901			
Tubing S	eze		A A COMPANY		internal (Dismeter	Set	<u>s</u> t	Parto	rations	To			
23	٤		47	, 25.0. (2.00)	ுக்குக்கா ்க் துர்.	promere a companie	88	1.16						
Type Cor			eacribe)	•	Type Flui	d Production	n		Pump Ur	nit or Travelit	ng Plunger? Yes	/65		
CO Z	The	PAC (An	nylus / Tubing	<u> </u>	* (Carbon Dioxi	do		% Nitrog			Iravity - G_		
344	-	•	inger (comp	,	~ `				w madd	(M)	G85 (ITEVRY - G		
Vertical C	Depth(H)				Pres	sure Taps	-			(Meter	Run) (Prover) Sizo		
	•						•				Ç	.500		
			Shul In 12	-U .	n 10 -	9:150		7-4	12.5	•	- 49 . 9:	00 (60) (PM)		
Lidtznia														
Well on L	ine:		Started	<u>-</u> 2	0 <i>Q</i> 7 al	2:00	(M) (PM)	Taken	12-6	2	0 <i>CP</i> at <u>9.4</u>	20 (PM)		
					·				~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ 			34		
			Circle chat	Descripe		OBSERVE	D SURFAC				Duration of Shu	t-in 24 Hours		
Static / Dynamic	Oril Si:		More Are:	Pressure Differenties	Flowing Temperature	Wall Hand Temperature	Cas Walinead			lubing ad Pressure	Duration	Liquid Produced		
Property	(Line)		Prover Pressur psig (Pm)	c in Inches H _s C	termenting	t	(P _a) ≈ (P			(P ₁) or (P ₄)	(Hours)	(Berreta)		
Shut-In	و.	w	15.8	0		ļ	seig 6	psiu	polg 6	pela	24	0		
Flow		700	16.5	6			3		3		24	0		
						FLOW STR	EAM ATTR	BUTES	L					
Plate			Clicits one:	Press			Flowing	T	. 1			Flowing		
Coeffice	lent		Meter or	Extension	Gran Fact	1 1 tot	OPPRESSION		ation dar	Motored Fit R	DW GOR	eet/ Fluid		
(F _a) (F		770	peki	Paxh	F _s	,	Factor F _e	F	-	(McId)	Same			
								 						
		L						1						
					(OPEN FLI	OW) (DELIV	ERABILITY	CALCUL	ATIONS		æ.)" = 0.207		
(P ₄)2 =		<u>:</u>	(P _a)'	 :	P,=		<u>, (6</u>	. 14.4) +	14.4 =	:	P)" =		
(P _e) ² - (F	. ja	(P	ا «ر _{وا) ۱} ۰۰ ا	noone nomina 7 er 2. 1, P.º. P.º	LOGe	Γ		iouso Curvo e = "N"		ſì	1	Open Flow		
(P _a)*-(f	_			2 0 . 0	termula 1. or 2.		+	G r	n × L	· CG	Antilog	Deliverability Equals R x Antilog		
(10,4)= -41	•		40	waran Pan Pa	and divide	P.* - P.*		rigned and Stope	-	LJ	1	(Mcfd)		
								•						
					 		 				<u> </u>	 		
					<u> </u>	*	<u> </u>				<u>L</u>	<u> </u>		
Open Flor	*			Mcld @ 14.	35 psia		Deliverab	lity			Mcfd @ 14.65 pa	ela .		
The u	inders	igned	i wuthority, on	behalf of the	Company, s	lates that h	e is duly au	thorized to	make th	e above rep	ort and that he h	as knowledge of		
ha (acts at	ated I	herek	n, and that said	d report le true	and correct	t. Executed	this the _	14	iay of	Mary		20		
										•				
			Lair	and the same of th						15.	CAL	.		
errat a sur-		···	VIRTIGAS SI A	(M)		RECEIVE		La La Cagania		For	Correpany	·		

MAY 20 2010

DEC 0 3 2012

KCC WICHITA	
I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to reque exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Raven Resources, LLC	st —
and that the foregoing pressure information and statements contained on this application form are true ar	d
correct to the best of my knowledge and belief based upon available production summaries and lease record	s
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named in hereby request a one-year exemption from open flow testing for the	i.
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 Commis staff as necessary to corroborate this claim for exemption from testing.	sion
Date: 5/16/10	
RECEIVED KANSAS CORPORATION COMMISSION MAY 2 0 2010 Signature: Authorities Au	

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.