KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:				(See Instruct	tions on Rev	erse Side)					
o	pen Flo	W			Total Date				451	A) - 45				
√ De	eliverat	oilty			Test Date 9/27/20					No. 15 199-20369	- ()()()()			
Compan Raven F		rces	, LLC		· , -		Lease Gebhard	ls	•		#2-35	Well Number		
County Wallace	Cour	ity	Locat NE/4 S		Section 35		TWP 1,1'S		RNG (E/ 42W	W)		Acres Attributed		
Field					Reservoi		12			hering Conn gathering s		ansas Pipeline)		
Completi 8/2008	on Da	te			Plug Bac 995.90'	k Total Dept	:h		Packer S	et at		· · · · · · · · · · · · · · · · · · ·		
Casing Size Weight 4 1/2" 10.5				Internal (Diameter	Set at 1038			rations - 825'	То				
Tubing S 2 3/8"	ize		Weigh	nt	Internal [Diameter	Set at 811'	1	Perfo	rations	То			
Type Cor N2 Frac				· · · · · ·	Type Flui Only G	d Production	1		Pump Un No	it or Traveling	Plunger? Yes	(No)		
Producing	g Thru	(An	nulus / Tubin	g)		arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G _g		
Vertical D	Depth(I	()				Pres	sure Taps				(Meter F .500"	Run) (Prover) Size		
Pressure	Buildu	ıp:	Shut in 9/2	6 2	0_11_at_1	0 am ((AM) (PM)	Taken 9/2	27	20	11 _{at} 10 am	(AM) (PM)		
Well on t	.ine:		Started 9/2	72	0 11 at 1	0 am ((AM) (PM)	Taken 9/	28	8 20 11 at 10 am				
	1		ı			OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours		
Static / Dynamic Property	Static / Orifice Me ynamic Size Prover F		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential In Inches H _s 0	Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		ubing ad Pressure (P ₁) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In	.500)	14.9	0			11	poid	psig 11	para	24	0		
Flow	.500)	15.8	5			5		5		24	0		
						FLOW STR	EAM ATTRI	BUTES		PECEIVED				
Plate Coefficient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension	Gravity Factor F		Flowing period p		ctor	Metered Flov R (Mcfd)	GOR ((NI) H o	Flowing 20 Juid Gravity G,		
											KCC \	MICHITÀ		
(0.10			(m. 10		-		ERABILITY)					= 0.207		
(P _e) ² =		<u>-</u> :	(P _*) ² =	Choose formula 1 or 2	P _d =	 ;		- 14.4) +	14.4 =	 ; ,	(P _d) ²			
(P _e) ² - (or (P _e) ² - (i	(P _a) ² · (P _a) ² or (P _a) ² · (P _d) ²)2- (P _w)2	1. P ₂ - P ₂ ² 2. P ₂ - P ₂ ² divided by: P ₂ - P ₃ ²	1, P ² -P ² LOG of formula 2, P ² -P ² 1, or 2, and divides p ² -p ²		Backpressure Curve Slope = "n"or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
					<u></u>									
Open Flo				Mcfd @ 14.	65 psia		Deliverabil	itv		j	Mcfd @ 14.65 psi	a		
The	unders				Company, s		e is duly aut	horized to	make th	,	rt and that he ha			
			Witness (f any)				_/\	un	ForC	Company			
			For Comm	ission			_			Chec	ked by			

I declare under penalty of perjury under the laws of the state of Kansexempt status under Rule K.A.R. 82-3-304 on behalf of the operator Raven	•
and that the foregoing pressure information and statements contained or	
correct to the best of my knowledge and belief based upon available produ	• •
of equipment installation and/or upon type of completion or upon use being I hereby request a one-year exemption from open flow testing for the	<u>-</u>
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 reserve	oir 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	
I further agree to supply to the best of my ability any and all supportin staff as necessary to corroborate this claim for exemption from testing.	g documents deemed by Commission
Date: 11/10/11	RECEIVED
·	NOV 1 4 2011
	/ KCC WICHITA
Signature: Au 1	
Titte: 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.

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	ions on Revi	erse Side)					
Or	en Flo	w			Tool Date				A DI	No. 15				
√ De	liverat	oilty			Test Date 9/27/20					199-20369				
Company Raven F		rces	, LLC				Lease Gebhard	s				W/ \$2-35	ell Number	
County Wallace	Coun	ıty	Location NE/4 S		Section 35		TWP 11S		RNG (E/ 42W	W)		Ac	res Attributed	
Field					Reservoir Niobrara					nering Conne gathering s		/est Kar	nsas Pipeline)	
Completion 8/2008	on Dat	te			Plug Bac 995.90'	k Total Dept	h		Packer S	et at			<u> </u>	
Casing Size Weight 4 1/2" 10.5				Internal E	Internal Diameter Set at 1038.07'				ations - 825'	7	NOV	CEIVED 74 2011		
Tubing S 2 3/8"	ize		Weight 4.7		Internal C	Diameter	Set at 811'		Perfo	ations	TC	ro (2011	
Type Cor N2 Frac		n (D	escribe)		Type Flui	d Production)		Pump Un No	it or Traveling	Plunger?	"HALC	1No	
	g Thru	(An	nulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	∍n	(Gas Grav	ity - G	
Tubing			<u></u> .											
Vertical D	Oepth(F			ā.,		Press	sure Taps				•	Meter Ru .500"	in) (Prover) Size	
Pressure	Buildu	ıp:	Shut in9/26	2	11 at 1		(AM) (PM)	Faken_9/	27	20	11 at 1	0 am	(AM) (PM)	
Well on L	.ine:		Started 9/27	, 2	0 <u>11</u> at <u>1</u>	0 am	(AM) (PM)	28		11 at 1		(AM) (PM)		
			I .	1		OBSERVE	D SURFACE		1		Duration o	f Shut-in	24 Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Differential Temperature Tempe		Wollhood Proceuro		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	.500)	14.9	0			11		11	pula	24		0	
Flow	.500)	15.8	5					5		24		0	
						FLOW STR	EAM ATTRIS	BUTES	E					
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Fact	Gravity Factor F _g		Deviation Factor F _{pv}		Metered Flow R (Mcfd)		GOR lubic Feet/ Barrel)	Flowing Fluid Gravity G _m	
								<u> </u>						
(D)2 -			(P _w) ² =_		•		ERABILITY)					$(P_a)^2 = (P_d)^2 = (P_d$. 0.207	
$(P_{c})^{2} = \frac{(P_{c})^{2} - (P_{g})^{2}}{\text{or}}$ $(P_{c})^{2} - (P_{g})^{2}$		· (F	P ₀) ² - (P _w) ²	incose formula 1 or 2 1. P ₂ ² -P ₂ ² 2. P ₂ ² -P ₂ ² iivided by: P ₂ ² -P ₂	1. P ₂ -P ₂ LOG of formula 2. P ₂ -P ₃ 1. or 2. and divide P ₂ -P ₃		_% (P _c - 14.4) + Backpressure Curve Slope = 'n'		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14	.65 psia		
			in, and that sa	behalf of the				horized to		Octo	ber		knowledge of	
			Witness (if	any)			,			Fort	ompany			
			For Commi	ssion						Chec	ked by			

	ler penalty of perjury under the laws of the state of Kansas that I am authorized to requence the Resources, LLC Revented to the Resources, LLC	est
	going pressure information and statements contained on this application form are true a	ınd
	t of my knowledge and belief based upon available production summaries and lease recor	
of equipment inst	allation and/or upon type of completion or upon use being made of the gas well herein name est a one-year exemption from open flow testing for the	
	rounds that said well:	
(Check	cone)	
	is a coalbed methane producer	
H	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	
ت	,,	
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commi	issic
staff as necessar	y to corroborate this claim for exemption from testing.	
	RECENT	
Date: /0/	y to corroborate this claim for exemption from testing. RECEIVED ADV 04 2011 KCC WICHITA)
Jate:/_/	KCO. 42011	,
	Wicking "	
	Signature:	_
	Signature: Alexander Title: Mg. aneules	_
	I	
	-	

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.

TO:14057737488

Form G-2 (Rev 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Re	verse Sid	s)					
op	en Flo	W			Test Date	. .			ΔĐI	No. 15				
☐ De	liverat	ilty			9/22/1				70 1	110. 10				
Company	,				- Jue ef i	_	Lease Cb hon	٥.				Well Nur	mber	
County			Locati	on	Section	_	TWP	<u> </u>	ANG (E	W)		Acres A	tributed	
Field					Reservol	,			Gas Gat	ction				
Completio	on Da	te			Plug Bac	k Total Depl	th		Packer S	Set at			180	
Casing Size Weight					Internal I	Diameter	Set	Set at		rations	To To No Plungar? Yes / No Plungar?			
Tubing S	ze		Weigh	t	Internal I	Diameter	Set	et	Perfo	rations	To To	4,	20,	
Type Con	npletio	n (D	escribe)		Type Flui	d Production	n		Pump Ur	nit or Traveling	Plunger? Yes	/ No		
Producing	Thru	(Anı	nulus / Tubini	3)	% č	arbon Dioxi	ide	··	% Nitrog	jen	Gas Gr	avity - G	4	
Vertical D	Pepth(I	1)				Pres	sure Taps			<u> </u>	(Meter i	Run) (Pr	over) Size	
Pressure	Buildu	ID:	Shut in 9/	2 ما 2	0 // at //	lo loo	(AM) (PM)	Taken 9	127		11 at 1010	00_0	AM) (PM)	
Well on L		-	Started 9	27 2	0 <u>/</u> at _/	0100	(AM) (PM)	Taken	9/28	20	11 at 10!v	ں ں	AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	ار <u>ال</u>	Hours	
Static / Dynamic Property	nic Sizo Meter Different ty (inches) Prover Pressure in		Pressure Differential in Inches H ₂ 0	Flowing Wall Head Temperature Temperature t t		(P _w) or (P _t) or (P _o)		Wellhe (P _w) o	Fubling ad Pressure (P _c) or (P _c)	Duration (Hours)	Liquid Produced (Barrela)			
Shut-In			pa.g (1.11)	0	-)	peig	psin	24	0	0	
Flow							5	5			24	0		
						FLOW STR	EAM ATT	RIBUTES						
Plate Coefflectent (F _b) (F _p) Mefd		Girch one. Meter or Prover Pressure psta		Press Extension Pmxh	Grev Fuc F	tor 1	Flowing Temperature Factor F _r		viation actor F _p ,	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
					(OPEN FL	OW) (DELIV	ERABILITY) ÇALCUI	LATIONS			2 = 0.20	 17	
(P _c)2 =		_:	(P _w) ^z =	<u></u> :				P _a - 14.4) -		<u> </u>	(P _a):		,, 	
(P _a) ² - (P _a) ² (P _a) ² - (P _d) ²		(P _o) ² - (P _w) ²		- (P _w) ² Choose formula 1 or 2 1. P _o ² -P _o ² 2. P _o ² -P _o ³ divided by P _o ² -P _o ³		LOG of formula 1. or 2. and children p 2. p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		roa	Antilog	Deliv Equats	Open Flow eliverability is R x Antilog (Mcfd)	
					_		<u> </u>							
Open Flor	w			Mcfd @ 14.6	65 psla		Deliverat	oility		<u> </u>	Acid @ 14.65 psi	L а		
			_	n behalf of the	• •		-			e above repor	i and that he ha		edge of	
			Witness (ii	any)			-			For Co	этрелу		 •	
			For Comm	lasion			-			Check	and by			

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to restatus under Rule K.A.R. 82-3-304 on behalf of the operator Reven Resources U.C.	quest
	·	
	the foregoing pressure information and statements contained on this application form are true	
	o the best of my knowledge and belief based upon available production summaries and lease re-	
	ment installation and/or upon type of completion or upon use being made of the gas well herein na	ımea.
	reby request a one-year exemption from open flow testing for the 6-6-6-25 2-35	
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 mct/D	
	is not capable of producing at a daily fate in excess of 250 meno	
l fur	ther agree to supply to the best of my ability any and all supporting documents deemed by Com	nmissio
staff as i	necessary to corroborate this claim for exemption from testing.	
	RECEIVE NOV 04 20 KCC WICHITA	
Date:	7/37	57
Date:	NOV 04	D
	KCC 120	111
	WICHIT	٠,
		4
	Signature:	
	Signature:	
	Title:	

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/bulldup 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.