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

Type Test	t:	_	-l-2		(	See Instruct	ions on Re	verse Side	)				
	en Flov	n Ø	<b>VISIT</b>		Test Date	<b>.</b> .			API	No. 15			
De	eliverabi	ilty			10/8/14					1-20348-00 <b>0</b>	o		
Company Rosewo		sour	ces				Lease Mitchel	•			1-10	Well Number	
County Sherman	n		Location SESE	on	Section 10		TWP 7S		RNG (E.	(W)		Acres Attribute 80	∌d
Field Goodlan	nd	_			Reservoir					thering Conne			
Completion 9/27/200		е		<del>-</del>	Plug Bac 1076'	k Total Dept	h		Packer S	Set at			
Casing S 4 1/2"	lize		Weight 10.5#		Internal D 4.052	Diameter	Set 112		Perfo 939	rations	то 969'		
Tubing S	ize		Weigh		Internal [	Diameter	Set	at	Perfo	rations	То		
Type Con Single (					Type Flui Dry Ga	d Production	1		Pump U	nit or Traveling	Plunger? Yes	/ No	
	•		ulus / Tubing	)	% C	arbon Dioxi	de		% Nitrog	jen	Gas Gr	ravity - G	
Annulus												<del></del>	
Vertical E						Flan	<del>-</del>				2"	Run) (Prover) S	iize
Pressure	Buildu	p: 8	Shut in 10-	72	0_14 at 2	:05	(AM) (PM)	) <sub>Taken_</sub> 10	) <u>-</u> 8	20	14 at 2:15	(AM) (PI	M
Well on L	_ine:	5	Started 10-8	32	0 <u>14</u> at <u>2</u>	:15	(AM) (PM)	) Taken <u>10</u>	9-9	20	14 <sub>at 3:05</sub>	(AM) (PI	M
						OBSERVE	D SURFAC	E DATA	_		Duration of Shut-	-in_24	lours
Static / Dynamic Property	Orific Size	e	Circle one: Meter Prover Pressu	Pressure Differential re in	Flowing Temperature t	Well Head Temperature t	Wellhead	sing Pressure P <sub>(</sub> ) er (P <sub>c</sub> )	Wellhe	Tubing ead Pressure or (P <sub>L</sub> ) or (P <sub>C</sub> )	Duration (Hours)	Liquid Produc (Barre!s)	bec
Shut-in	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	33,	psig (Pm)	Inches H <sub>2</sub> 0		<u> </u>	psig 8	psia 22.4	psig	psia			
Flow				<del> </del> -			5	19.4			24	0	
						FLOW STR	EAM ATT	RIBUTES					
Plate Coeffied (F <sub>b</sub> ) (F	eient ,		Circle one: Meter or ver Pressure psia	Press Extension P <sub>m</sub> xh	Grav Fac F	tor	Flowing femperature Factor F <sub>II</sub>	Fa	ation ctor	Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	eet/ Fluid	id rity
				<u> </u>						3		"	
					(OPEN FL	OW) (DELIV	ERABILITY	/) CALCUL	ATIONS		(D.)	)2 = 0.207	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	:	P <sub>d</sub> =		% (	P <sub>c</sub> - 14.4) +	14.4 =	:	(P <sub>d</sub> )		
(P <sub>a</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (		(P	(p)2- (Pw)2	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula 1, or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Sid A	essure Curve  pe = "n"  or ssigned  dard Slope	את	roe	Antilog	Open Flow Deliverabili Equals R x An (Mcfd)	ity
	_				-3.	<u> </u>			-		_	<del>                                     </del>	
Open Flo	ow _			Mcfd @ 14	.65 psia		Delivera	bility			Mcfd @ 14.65 ps	ia	_
The	unders	igned	authority, or	behalf of the	Company,	states that h	e is duly a				ort and that he ha	as knowledge (	of
the facts s	stated t	herei	n, and that sa	id report is tru					-	December	nn	20 <u>14</u>	<u></u> ·
			Witness (i	any)	<del></del>	CC W			km	WW For	Company Company	M	
			For Comm	ission	<del></del>	FEB 2:	S ZUID			Che	cked by		

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	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	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
• •	installation and/or upon type of completion or upon use being made of the gas well herein named.
	request a one-year exemption from open flow testing for the Mitchek 1-10
gas well on tr	ne grounds that said well:
(C	heck 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
	agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as nece	ssary to corroborate this claim for exemption from testing.
Date: <u>12/10/</u>	14
	KCC WICHITA Signature: Janual Martiney
	KCC WICHITA Signature: January Martiney
	FEB 2 3 2015 Title: Production Assistant

## 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.

W410 Mitchek 1-10 North Goodland Goodland None October-14

-	Casing			HF	RS	REMARKS
DATE	PSI	STATIC	MCF	D(	OWN	(Maximum length 110 characters)
10/1/2014		4 1	7	4	0	
10/2/2014		5 1	8	3	0	
10/3/2014		5 1	8	3	0	
10/4/2014		5 1	8	3	0	
10/5/2014		5 1	8	3	0	
10/6/2014		5 1	8	3	0	
10/7/2014		5 1	8	3	0	shut in for state
10/8/2014		8 2	1	0	24	opened up
10/9/2014		5 1	8	4	0	
10/10/2014		5 1	8	3	0	
10/11/2014		5 1	8	3	1	
10/12/2014		5 1	8	3	0	
10/13/2014		5 I	8	3	0	
10/14/2014		5 1	8	3	0	
10/15/2014		5 1	8	3	0	
10/16/2014		5 1	8	3	1	
10/17/2014		5 1	8	3	0	
10/18/2014		5 1	8	3	0	
10/19/2014		5 1	8	3	0	
10/20/2014		5 1	8	3	0	
10/21/2014		5 1	8	3	0	
10/22/2014		5 1	8	3	0	
10/23/2014		5 1	8	3	0	
10/24/2014		5 1	8	3	0	
10/25/2014		5 1	8	3	0	
10/26/2014		5 1	8	3	0	
10/27/2014		5 1	8	3	0	
10/28/2014		5 1	8	3	0	
10/29/2014		5 1	8	3	0	
10/30/2014		5 1	8	3	0	
10/31/2014		5 1	8	3	0	

Total 92

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W410 Mitchek 1-10 North Goodland Goodland None November-14

	Casing	Casing		HRS		REMARKS	
DATE	PSI_	STATI	C MCF	DOWN	Ī	(Maximum length 110 characters)	
11/1/2014	1	5	18	3	0		
11/2/2014	<b>ļ</b>	5	18	3	0		
11/3/2014	1	5	18	3	0		
11/4/2014	1	5	18	3	0		
11/5/2014	1	5	18	3	0		
11/6/2014	1	5	18	3	0		
11/7/2014	1	5	18	3	0		
11/8/2014	<b>‡</b>	3	16	4	0		
11/9/2014	1	3	16	4	0		
11/10/201	4	3	16	4	0		
11/11/201	4	3	16	4	0		
11/12/201	4	3	16	4	0		
11/13/201	4	3	16	3	0		
11/14/201	4	3	16	5	0		
11/15/201	4	3	16	2	0		
11/16/201	4	3	16	2	0		
11/17/201	4	3	16	2	0		
11/18/201	4	3	16	2	0		
11/19/201	4	3	16	3	0		
11/20/201	4	3	16	4	0		
11/21/201	4	3	16	4	0		
11/22/201	4	3	16	4	0		
11/23/201	4	3	16	4	0		
11/24/201	4	3	16	4	0		
11/25/201	4	3	16	4	1.5		
11/26/201	4	3	16	4	0		
11/27/201	4	3	16	4	0		
11/28/201	4	3	16	4	0		
11/29/201	4	3	16	4	0		
11/30/201	4	3	16	4	0		
12/1/2014	4				0		

Total 104

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W410 Mitchek 1-10 North Goodland Goodland None December-14

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
12/1/2014		4 1	7	3	0	
12/2/2014		4 1	7	4	0	
12/3/2014		4 1	7	3	0	
12/4/2014		4 1	.7	4	0	
12/5/2014		4 1	7	3	0	
12/6/2014		4 1	7	3	0	
12/7/2014		4 1	.7	3	0	
12/8/2014		4 1	.7	3	0	
12/9/2014		4 1	7	3	0	
12/10/2014		4 1	7	4	0	
12/11/2014		4 1	.7	3	0	
12/12/2014		4 1	.7	3	0	
12/13/2014		4 1	.7	3	0	
12/14/2014		4 1	7	3	0	
12/15/2014		4 1	7	3	0	
12/16/2014		4 1	.7	3	0	
12/17/2014		4 1	7	4	0	
12/18/2014		4 1	.7	3	0	
12/19/2014		4 1	7	3	0	
12/20/2014		4 1	7	3	0	
12/21/2014		4 1	7	3	0	
12/22/2014		4 1	7	3	0	
12/23/2014		4 1	7	3	0	
12/24/2014		4 1	.7	3	0	,
12/25/2014		4 1	7	3	0	
12/26/2014		4 1	7	3	0	
12/27/2014		4 1	7	2	0	
12/28/2014		4 1	17	3	0	
12/29/2014		5	8	3	0	
12/30/2014		7 2	20	3	0	
12/31/2014		5 1	18	2	0	

Total 95

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