KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test:		R	KT		{	see msuuci	ions on He	verse Side)					
	en Flor liverab				Test Date 4/25/20					No. 15 I-20326-00€	0			
Company Rosewoo		soui	rces				Lease Crouch					1-3	Well Nur	nber
County Location Sherman SWNE				Section TWP 3 7S		TWP 7S	•	RNG (E/W) 39W				Acres At	tributed	
Field Goodland					Reservoir			Gas Gathering Connection Branch Systems Inc.					REC	
Completic		:e			Plug Back Total Depth			Packer Set at					JAN	
8-19-2003 Casing Size Weight			Internal E 4.090	Diameter		Set at 1214'		Perforations 1007'		то 1037'	K	JAN CC W		
4 1/2" 9.5# Tubing Size Weight			Internal D	Diameter		Set at		Perforations		То				
Type Com Single (Type Flui Dry Ga	d Production	n		Pump U Flowin	nit or Travelin	g Plunge	r? Yes	7 (No)	
• .	Thru		nulus / Tubing)		Carbon Dioxi	de		% Nitrog			Gas Gi	ravity - G	g
Vertical D		1)			Pressure Taps Flange							(Meter Run) (Prover) Size		
Pressure	Buildu	p: :	Shut in 4-2	42	12 _{at} 3		(AM) (PM)	Taken 4	-25	20	12 _{at}	3:25	· (<i>)</i>	AM)(PM)
Well on Li	ine:	:	Started 4-2	5 26	12 at 3	:25	(AM) (PM)	Taken 4	-26	20	12 at	4:10	(/	AM)(PM)
						OBSERVE	D SURFAC	E DATA			Duratio	n of Shut	in_24	Hour
Static / Dynamic Property	Siz	Orifice Size (inches) Orifice Mater Prover Pressure (inches) Pressure Prover Pressure in		Flowing Temperature t	remperature Temperature (P _w		P_w) or (P_t) or (P_c) (P_u)		Tubing Pelhead Pressure P_{a}) or (P_{1}) or (P_{c})		uration Liquid Pr		Produced arrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			psig 10	24.4	psig	psia	-			
Flow							4	18.4			24		0	
					· r···	FLOW STR	EAM ATTE	IBUTES			,			
Plate Coefficeient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Gravity Factor F _g		remperature Fa		viation Metered Flo actor R F _{pv} (Mcfd)		w	GOR (Cubic Fe Barrel)	I	Flowing Fluid Gravity G _m
								8						
					(OPEN FL	OW) (DELIV		•				•	² = 0.20)7
P _c) ² =		:	(P _w)² ≈	Choose formula 1 or 2:	P _a =		T	P _c - 14.4) +		<u></u> :	T	(P _g)) ² =	
(P _c) ² - (F)²	(P	P _c) ² - (P _w) ²	1. P _c ² -P _e ²	LOG of formula	,	Slo	essure Curve pe = "n" - or	пх	LOG	Δ.	ntilog	1	en Flow rerability
(P _c) ² · (F	P _d) ²			2. P _c ² - P _d ²	1. or 2. and divide by:	P 2 . P 2	As	signed lard Slope	-			g	1 .	R x Antilog Mcfd)
						· · · · · · · · · · · · · · · · · · ·								
pen Floy	W			Mcfd @ 14.	65 psia		Deliveral	oility			Mcfd @	14.65 ps	ia	
The (unders	ignec	d authority, or	behalf of the	Company, s	states that h	e is duly a	uthorized i	to make ti	he above rep	ort and t	hat he ha	as knowl	edge of
e facts st	tated ti	herei	n, and that sa	id report is true	and correc	t. Executed	this the . 2	0 .	day of	December	64	• · · · · · · · · · · · · · · · · · · ·	. 2	0 12
			Witness (ii	any)					jw	, VUV For	Company	M	/	
			For Comm								ecked by			

JAN 03 2013

	KCC WICHITA
	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status und	er Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the foreg	oing 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
	illation and/or upon type of completion or upon use being made of the gas well herein named.
	est a one-year exemption from open flow testing for the Crouch 1-3
gas well on the gro	ounds 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: 12/20/12	
<u> </u>	
	Signature: Janual Curl
	Title: Production Assistant
	11110.

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.

W396 Crouch 1-3 North Goodland Goodland None April-12 RECEIVED

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	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOW	1	(Maximum length 110 characters)
4/1/2012		4 1	17	8	0	
4/2/2012		4 1	17	8	0	
4/3/2012		4 1	17	9	0	
4/4/2012		4 1	17	8	0	
4/5/2012		4 1	17	8	0	
4/6/2012		4 1	17	8	0	
4/7/2012		4 1	17	8	0	
4/8/2012		4 1	17	8	0	
4/9/2012		4 1	17	8	0	
4/10/2012		4 1	17	8	0	
4/11/2012		4 1	17	8	0	
4/12/2012		4	17	8	0	
4/13/2012		4	17	8	0	
4/14/2012		4	17	8	0	
4/15/2012		4	17	8	0	
4/16/2012		4	17	8	0	
4/17/2012		4	17	8	0	
4/18/2012		5	18	6	3	
4/19/2012		4	17	9	0	
4/20/2012		4	17	8	0	
4/21/2012		4	17	8	0	
4/22/2012		4	17	8	0	
4/23/2012		4	17	8	0	
4/24/2012		4	17	8	0	shut in for state
4/25/2012	1	0	18	0	24	opened up
4/26/2012	·	4	17	10	0	
4/27/2012		5	18	3	9.5	
4/28/2012		5	18	8	0	
4/29/2012		5	18	8	0	
4/30/2012		5	18	8	0	
5/1/2012		0	0	0	0	

Total

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W396 Crouch 1-3 North Goodland Goodland None May-12

	Casing			HRS		REMARKS
DATE	PSI	STATIO	C MCF	DOWN		(Maximum length 110 characters)
5/1/2012		5	18	8	0	
5/2/2012		5	18	8	0	
5/3/2012		4	17	9	0	
5/4/2012		4	17	8	0	
5/5/2012		4	17	8	0	
5/6/2012		4	17	8	0	
5/7/2012		4	17	8	0	
5/8/2012		4	17	8	0	
5/9/2012		4	17	8	0	
5/10/2012		4	17	8	0	
5/11/2012		4	17	8	0	
5/12/2012		4	17	8	0	
5/13/2012		4	17	8	0	
5/14/2012		4	17	8	0	
5/15/2012		4	17	8	0	
5/16/2012		4	17	8	0	
5/17/2012		4	17	8	0	
5/18/2012		4	17	8	0	
5/19/2012		4	17	8	0	
5/20/2012		4	17	8	0	
5/21/2012		4	17	8	0	
5/22/2012		4	17	8	0	
5/23/2012		4	17	9	0	
5/24/2012		4	17	9	0	
5/25/2012		4	17	8	0	
5/26/2012		4	17	8	0	
5/27/2012		4	17	8	0	
5/28/2012		5	18	7	2	
5/29/2012		5	18	7	2.5	
5/30/2012		5	18	8	0	
5/31/2012		4	17	10	0	

Total

W396 Crouch 1-3 North Goodland Goodland None June-12

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	Casing			HRS	s	REMARKS
DATE	PSI	STATI	C MC	F DO'	WN	(Maximum length 110 characters)
6/1/2012		4	17	7	0	
6/2/2012		4	17	7	0	
6/3/2012		4	17	7	0	
6/4/2012		4	17	7	0	
6/5/2012		4	17	7	0	
6/6/2012		4	17	8	0	
6/7/2012		4	17	9	0	
6/8/2012		4	17	9	0	
6/9/2012		4	17	9	0	
6/10/2012		8	21	4	20	
6/11/2012		8	21	4	14	
6/12/2012		8	21	4	7	
6/13/2012		8	21	4	3	
6/14/2012		8	21	4	1	
6/15/2012		5	18	10	2.5	
6/16/2012		5	18	10	0	
6/17/2012		5	18	10	0	
6/18/2012		5	18	10	0	
6/19/2012		5	18	10	2	
6/20/2012		5	18	10	2	
6/21/2012		5	18	10	0	
6/22/2012		5	18	9	0	
6/23/2012		5	18	9	0	
6/24/2012		5	18	9	0	
6/25/2012		5	18	9	0	
6/26/2012		5	18	9	0	
6/27/2012		5	18	9	0	
6/28/2012		5	18	9	0	
6/29/2012		5	18	9	0	
6/30/2012		5	18	9	0	
7/1/2012					0	

Total 241