KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t :	b-				6	See Instru	ucti	ons on Re	verse Side	9)							
□ Ор	en Flov	v K	سلندا			Test Date	, .					APIN	lo. 15					
De	liverabi	lty				6/30/14							20506-00	Q				
Company	/ od Re:	sour	ces, Inc.						Lease Townse	end					44-06	Well N	umber	
County Location Sherman SESE/4					Section TWP 6 9S				RNG (E/W) 40W				Acres Attributed 80					
Field							Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.				1	-		
Completion Date 5/25/2007						Plug Back Total Depth 1253'				Packer Set at								
Casing Size Weight 4 1/2" 10.5#						Internal Diameter 4.052			Set a	Perforations 1140			To 1170'					
Tubing Si	ize		Weig						Set a					То				
Type Con Single (Type Fluid		tion					or Traveling	Plur	iger? Yes	/No)	
Producing	Thru		ulus / Tubir	ng)			% Carbon Dioxide				flowing % Nitrogen				Gas Gravity - G			
Annulus Vertical D 1264')					Pressure Taps Flange								.6 (Meter Run) (Prover) Size 2"			
			6-2	29		14 . 9:		_		<u> </u>	-30			14			(AM)(PM)	
Pressure Well on L		-	Shut in Started _6-3			20 14 at 9:45 20 14 at 9:55			(AM) (PM) Taken 7-		-30 ₂₀					(AM)(PM)		
																. 24	Hours	
Static / Orifice		I	Circle one: Pressure Meter Differential			Flowing Well Head			Casing Tubing Wellhead Pressure Wellhead Pressure				Duration of Shut-i		Liquid Produced			
Dynamic Property			I Prover Pressure		in Inches H ₂ 0	t t	Temperatu t	(P _w) or (P ₁) or		psia	(P _w) or psig		P ₁) or (P _c) psia		(Hours)		(Barrels)	
Shut-In		_							13	27.4					_ _	_		
Flow									2	16.4	<u> </u>		l	24		0		
				7		_	FLOW S	TR	EAM ATTR	BUTES		1		- 1				
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension ✓ P _m xh	Gravity Factor F _g		Te	Temperature		actor F		Metered Flow R (Mcfd)	v	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
									5		 5							
	-					(OPEN FL				•						²= 0.	207	
(P _c)².≔		<u>=:</u>	(P _w) ²		ose formula 1 or 2;	P _d =		% ¬	т —	- 14.4) +			: _	_	(P ^a);			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		$(P_c)^2 - (P_w)^2$ 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$		LOG of formula 1. or 2. and divide p.2. p.2			Backpressure Curve Slope ≈ "n" or Assigned Standard Slope		n x LOG		og		Antilog	De	Open Flow ellverability Is R x Antilog (Mcfd)			
<u> </u>	-			aivia	ed by: F _c F _w -	by:	<u> </u>		Ciun		-	_				_		
Open Flo	w				Mcfd @ 14.6	65 psia			Deliveral	oility				Mcfd	@ 14.65 ps	ia		
The	undersi	igned	authority,	on b	ehalf of the	Company, s	states that	t he	e is duly a					ort ar	d that he ha	ıs kno	wledge of	
the facts s	tated th	nereii	n, and that	said	report is true	and correc	t. Execut	ted	this the _2	1	day	of De	cember		1 +	<u></u>	, 20 14	
			Witness	(if any	n	KC(S WIC	C!	HTA.		0	W	W -	1// Compa	Wille	w	1	
			For Com	ımissio	on	FEI	B 23	-20	115				Che	cked b	у			
						F	RECEI	V	ED									

	. .
	penalty of perjury under the laws of the state of Kansas that I am authorized to request r Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the foregoi correct to the best of of equipment installand I hereby request	ing pressure information and statements contained on this application form are true and if my knowledge and belief based upon available production summaries and lease records ation and/or upon type of completion or upon use being made of the gas well herein named. It a one-year exemption from open flow testing for the
gas well on the grou	ınds that said well:
is is it is	s a coalbed methane producer s cycled on plunger lift due to water s a source of natural gas for injection into an oil reservoir undergoing ER s on vacuum at the present time; KCC approval Docket No s not capable of producing at a daily rate in excess of 250 mcf/D so supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 12/21/14	
FEB (NICHITA 23 2015 Signature:

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.

W2438 Townsend 44-06 South Goodland Goodland None June-14

	Casing		H	RS	REMARKS
DATE	PSI	STATIC MC	F D	own]	(Maximum length 110 characters)
6/1/2014	2	15	5	0	
6/2/2014	2	15	5	0	
6/3/2014	2	15	5	0	
6/4/2014	2	15	5	0	
6/5/2014	2	15	5	0	
6/6/2014	2	15	5	0	
6/7/2014	2	15	5	0	
6/8/2014	2	. 15	5	0	
6/9/2014	2	15	5	0	
6/10/2014	2	. 15	5	0	
6/11/2014	2	15	5	3.5	
6/12/2014	2	. 15	5	0	
6/13/2014	2	15	5	0	
6/14/2014	2	15	5	0	
6/15/2014	2	15	5	0	
6/16/2014	2	. 15	5	0	
6/17/2014	2	15	5	0	
6/18/2014	2	15	5	0	
6/19/2014	2	15	5	0	
6/20/2014	2	15	5	0	
6/21/2014	2	15	5	0	
6/22/2014	2	15	5	0	
6/23/2014	2	. 15	5	0	
6/24/2014	2	. 15	5	0	
6/25/2014	2	15	5	0	
6/26/2014	2	. 15	5	0	
6/27/2014	2	15	5	0	
6/28/2014	2	15	5	0	
6/29/2014	2	. 15	1	21	
6/30/2014	13	26	0	24	
7/1/2014				0	

Total 141

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W2438 Townsend 44-06 South Goodland Goodland None July-14

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

Total 175

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W2438 Townsend 44-06 South Goodland Goodland None August-14

A 6 5 A

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

Total 155

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