KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:	met.		(See Instruc	ctions on Rev	verse Side)						
Open Flow			Tool Date	Test Date: AF										
Deliverabilty				Test Date: API No. 15 6/12/2013 181-20533-000										
Company		ources, Inc.	_	_		Lease Gutsch				31-03	Well Nu	mber		
•			Section 3		TWP 9S		RNG (E 40W	W)		Acres Attributed 80				
Field Figure Goodand I					r a			Gas Gathering Connection Branch Systems Inc.						
Completion 6/10/08	on Date			Plug Bac 1295'	k Total Dep	oth		Packer \$	Set at					
Casing S 2 7/8"	lize	Weig	ht	Internal [2.441	Diameter	Set a 1295		Perfo	rations 6'	то 1106'	то 1106'			
Tubing Si	ize	Weig	ht	Internal [Diameter	Set a		Perfo	rations	То	То			
		(Describe) ntional)		Type Fluid Production DryGas				Pump U	nit or Traveling	Plunger? Yes	ger? Yes No			
	•	Annulus / Tubin	ıg)		% Carbon Dioxide				% Nitrogen			Gas Gravity - G		
Annulus	S								n.	.6	•			
Vertical D	Depth(H)					ssure Taps				(Meter	Run) (Pr	over) Size		
1310'				40 4	Flan			40						
Pressure	Buildup:			0.13 at 1		. (AM) (PM)				13 at 10:20	(AM)(PM)		
Well on L	.ine:	Started 6-1	2 2	0 13 at 1	13 at 10:20 (AM) (PM) Taken 6-13 20						(AM) PM)		
					OBSERVE	ED SURFACE	DATA			Duration of Shut-	in <u>24</u>	Hours		
Static /	Orifice	e Circle one: Pressure Meter Differential		Flowing	Flowing Well Head		Casing		ubing	Duration	Liquie	1 Produced		
Dynamic Property	Size (inches	Prover Pressure in		Temperature t	·		Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		ad Pressure (P ₁) or (P _c)	(Hours)		(Barrels)		
Shut-In						4	18.4	psig						
Flow						0	14.4			24	0			
					FLOW ST	REAM ATTRI	BUTES							
Plate Coeffiec (F _b) (F Mcfd	eient	Circle one: Meter or Prover Pressure psia	Press Extension P _m x h	Grav Fact	tor	Flowing Temperature Factor F _{f1}	Fa	iation ctor	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m		
					-				7					
				(OPEN FL	OW) (DELIV	/ERABILITY)					²= 0.20	 D7		
(P _c) ² =		: (P _w)² :	Choose formula 1 or 2.				' _c - 14.4) +		;	(P _d)	<u>*=</u>			
$(P_c)^2 - (P_a)^2$ 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	2-p2 LOG of formula 2-p2 1, or 2. c d and divide p2-p		Backpressure Curv Slope = "n" Assigned Standard Slope		n x tog		Antilog	- Equals			
			divided by: $P_c^2 - P_w^2$	by:	<u> </u>	Statida	ara Sioba			<u> </u>		Mcfd)		
Į.														
Open Flor		and multiparities -	Mcfd @ 14.	•	atatos +L-+ L	Deliverabi	•	a maka 4	io abovo sec	Mcfd @ 14.65 ps		edge of		
	_	•		• •		•			ovember	ort and that he ha		13		
the facts s	tated the	rein, and that s	aid report is true		C V			day of	m 110	Mart	100/	20 <u>13 </u>		
		Witness	(if eny)	DE	C 2 6 2	- ? ()*:	1 /	بريما	For	Company	NV	<u>r</u> _		
		For Com	nission		RECEIN	/E(Che	cked by				

exempt state and that the correct to the	re under penalty of perjury under the laws of the state of Kansas that I am authorized to request tus under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. e foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records ant installation and/or upon type of completion or upon use being made of the gas well herein named.
	y request a one-year exemption from open flow testing for the Gutsch 31-03
	the grounds that said well:
I furthe	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 r agree to supply to the best of my ability any and all supporting documents deemed by Commissionessary to corroborate this claim for exemption from testing.
Date: <u>11/2</u>	5/13
	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.

W2585 Gutsch 31-03 South Goodland Goodland None June-13

	Casing]	HRS	REMARKS
DATE	PSI	STATIC	MCF]	DOWN	(Maximum length 110 characters)
6/1/2013) 13	3	7	0	
6/2/2013	() 13	;	7	0	
6/3/2013		0 13	;	7	0	
6/4/2013	!	0 13	}	7	0	
6/5/2013	(0 13	3	7	0	
6/6/2013	(0 13	;	7	0	
6/7/2013	() 13	}	7	0	
6/8/2013) 13	;	7	0	
6/9/2013) 13	i	7	0	
6/10/2013) 13		7	0	
6/11/2013	(0 13	\$	7	0	shut in
6/12/2013	4	4 17	•	0	24	opened up
6/13/2013	() 13	;	7	0	
6/14/2013	() 13	1	7	0	
6/15/2013	() 13	1	7	0	
6/16/2013	() 13	;	7	0	
6/17/2013	() 13		7	0	
6/18/2013	() 13	;	7	0	
6/19/2013	() 13	}	7	0	
6/20/2013	() 13	}	7	0	
6/21/2013	() 13	}	7	0	
6/22/2013	() 13	,	7	0	
6/23/2013	() 13		7	0	
6/24/2013	() 13		7	0	
6/25/2013	() 13	;	7	0	
6/26/2013	() 13	}	7	0	
6/27/2013	() 13	i	7	0	
6/28/2013	() 13		7	0	
6/29/2013	() 13		7	0	
6/30/2013	() 13		7	0	
7/1/2013					0	

Total 203

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W2585 Gutsch 31-03 South Goodland Goodland None July-13

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	Casing			Н	RS	REMARKS
DATE	PSI	STATI	C MCF	D	OWN	(Maximum length 110 characters)
7/1/2013		0	13	7	0	
7/2/2013		0	13	7	0	
7/3/2013		0	13	7	0	
7/4/2013		0	13	7	0	
7/5/2013		0	13	7	0	
7/6/2013		0	13	7	0	
7/7/2013		0	13	7	0	
7/8/2013		0	13	7	0	
7/9/2013		0	13	7	0	
7/10/2013		0	13	7	0	
7/11/2013		0	13	7	0	
7/12/2013		0	13	7	0	
7/13/2013		0	13	7	0	
7/14/2013		0	13	7	0	
7/15/2013		0	13	7	0	
7/16/2013		0	13	7	0	
7/17/2013		0	13	7	0	
7/18/2013		0	13	7	0	
7/19/2013		0	13	7	0	
7/20/2013		0	13	7	0	
7/21/2013		0	13	7	0	
7/22/2013		0	13	7	0	
7/23/2013		0	13	7	0	
7/24/2013		0	13	7	0	cal
7/25/2013		0	13	7	0	
7/26/2013		0	13	7	0	
7/27/2013		0	13	7	0	
7/28/2013			13	7	0	
7/29/2013		0	13	7	0	
7/30/2013		0	13	7	0	
7/31/2013		0	13	7	0_	

Total 217

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W2585 Gutsch 31-03 South Goodland Goodland None August-13

			_		TDG T	DEMARKS
-	Casing	CD + D- +			IRS	REMARKS
DATE	PSI	STATIC			DOWN	(Maximum length 110 characters)
8/1/2013	0			7	0	
8/2/2013	0			7	0	
8/3/2013	0			7	0	
8/4/2013	0			7	0	
8/5/2013	0			7	0	
8/6/2013	0	13		7	0	
8/7/2013	0	13		7	0	
8/8/2013	0			7	0	
8/9/2013	0	13		7	0	
8/10/2013	0			7	0	
8/11/2013	0	13		7	0	
8/12/2013	0	13		7	0	
8/13/2013	0	13		7	0	
8/14/2013	0	13		7	0	
8/15/2013	0	13		7	0	
8/16/2013	0	13		7	0	
8/17/2013	0	13		7	0	
8/18/2013	0	13		7	0	
8/19/2013	0	13		7	0	
8/20/2013	0	13		7	4	
8/21/2013	0	13		7	1	
8/22/2013	0	13		7	0	
8/23/2013	0	13		7	0	
8/24/2013	0	13		7	0	
8/25/2013	0	13		7	0	
8/26/2013	0	13		7	0	
8/27/2013	0	13		7	0	
8/28/2013	0	13		7	0	
8/29/2013	0	13		7	0	
8/30/2013	0	13		7	0	
8/31/2013	0	13		7	0	

Total 217

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