KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: Open Flow				(See Instructions on Reverse Side) Test Date: API No. 15											
Deliverabilty			3/15/2012				181-20405-00 00								
Company Rosewood Resources, Inc.				Lease Wahrman						Well Number 14-22					
County Sherman	1	Location NW SWSW/4			Section 22		TWP 7S			ING (E/W) 9W		Acres Attributed 80			
Field Goodland	d				Reservoi Niobrara					athering Conn ch Systems In		-921VED			
Completio					Plug Bac 1175'	k Total Dep	oth		Packer	Set at				JAN 0	3 2013
Casing Size 2 7/8"		,	Weight 6.5#		Internal I 2.441	Diameter	Set 8			forations 30'		To 1060'	K	CC WI	СНІТА
Tubing Siz	ze		Weight		Internal I	Diameter	Set	at	Per	forations		То			1117
Type Com Single (Type Flui	ld Productions		•	Pump I	Unit or Traveling	Plunge	er? Yes	No		
Producing	Thru (Carbon Diox	ide	· 	% Nitro			Gas Gra	vity - (3,	
Annulus Vertical Depth(H)						Pressure Taps			4			(Meter R	lun) (P	rover) Size	
1200'		Shut In 3-14 20		0 12 at 1	Flar 0:35	nge (AM)(PM)	3-	15		12	2" 10:50		(AM) (PM)		
Pressure Buildup: Well on Line:				12 at 1		(AM)(PM)	Taken 3-	16	20 20		11:35	`	AM)(PM)		
						ORSERVI	ED SURFAC		,		Duretio	on of Shut-it	24	Hours	
Static / Dynamic	Orifice Size	Pro	Circle one: Meter /er Pressure	Pressure Differential in	Pressure Differential Temperature Well Head Temperature		Casing Wellhood Brossure			Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₂)		Duration Of Shull-II) Duration Liquid I		d Produced Barrels)	
Property Shut-In	(inches) psig (Pm)		Inches H ₂ 0	t t		psig psia 16 30.4		psig	psig psia						
Flow		_					5	19.4			24				
<u> </u>		¹				FLOW STI	REAM ATTR	IBUTES							
	Coefficient (F _b) (F _p)		one: er or ressure ia	Press Extension	Grav Fac	tor	Flowing Temperature Factor F _{tt}	Fa	riation actor = py	Metered Flov R (Mcfd)	W	GOR (Cubic Fee Barrel)	et/	Flowing Fluid Gravity G _m	
										10					
					•	, ,	VERABILITY	•		3			= 0.2	07	
(P _c) ² =		:	(P _w) ² =	cose formula 1 or 2:	P _d =			(P _c - 14.4) + 14.4		 :		(P _d) ²	=		
$(P_c)^2 - (P_d)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² -P _e ² LOG of formula 1. or 2.		P.s P.s	Backpressure Curve Slope = "n"		n	n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
				 											
Open Flow			Mcfd @ 14.65 psia				Deliverability				Mcfd @ 14.65 psia				
	-		_	behalf of the			_	0	day of .	December	ort and	that he has		ledge of 20 12	
			Witness (if a	ny)			-	-		For	Company				
For Commission									Che	cked by					

KCC WICHITA

and that the 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 of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the		under penalty of perjury under the laws of the state of Kansas that I am authorized to request sunder Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
I hereby request a one-year exemption from open flow testing for the Wahrman 14-22 (Check one) (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 taff as necessary to corroborate this claim for exemption from testing.		
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	I further	
		12
Signature: Annul Rew		
Signature:		Signature: <u>Janul Geww</u>

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.

W2265 Wahrmann 14-22 North Goodland Goodland None March-12 JAN 0 3 2013 KCC WICHITA

	Casing			H	IRS	REMARKS
DATE	PSI	STATIC	MCF	Γ	OOWN	(Maximum length 110 characters
3/1/2012		5	18	7	0	
3/2/2012		5	18	10	0	
3/3/2012		5	18	10	0	
3/4/2012		5	18	11	0	
3/5/2012		5	18	10	0	
3/6/2012		5	18	10	0	
3/7/2012		5	18	10	0	
3/8/2012		4	17	12	0	
3/9/2012		4	17	10	0	
3/10/2012		4	17	10	0	
3/11/2012		5	18	10	0	
3/12/2012		4	17	10	0	
3/13/2012		4	17	10	0	
3/14/2012		4	17	12	0	shut in for state
3/15/2012	,	ile	17	0	24	opened up, bp
3/16/2012			18	12	0	
3/17/2012		5	18	11	0	
3/18/2012		5	18	11	0	
3/19/2012		5	18	10	0	
3/20/2012		5	18	11	0	
3/21/2012		5	18	10	0	
3/22/2012		5	18	10	0	
3/23/2012		5	18	10	0	
3/24/2012		5	18	10	0	
3/25/2012		5	18	10	0	
3/26/2012		4	17	10	0	
3/27/2012		4	17	10	0	
3/28/2012		4	17	10	0	
3/29/2012		4	17	10	0	
3/30/2012		4	17	10	0	
3/31/2012		5	18	10	0	

W2265 Wahrmann 14-22 North Goodland Goodland None April-12 RECEIVED

JAN 0 3 2013

KCC WICHITA

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

W2265
Wahrmann 14-22
North Goodland
Goodland
None
May-12

RECEIVED

JAN 0 3 2013

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