KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		CT			(5	See Instruc	ctio	ns on Re	verse Side)							
Op-	en Flow	\$27			Toot Date		i				API No	. 15					
Del	iverabilty	,			Test Date 2/4/2009		!					0333-00 -	00				
Company Rosewoo		urces					1	Lease Ihrig						1-15	Vell Nu	ımber	
County Location Section Sherman SESE 15								· ·			RNG (E/W) 39W			Acres Attributed 80		Attributed	
Field Reservoir Goodland Niobrara							I	Gas Gathering Connection Branch Systems Inc.									
Completio 10/29/20					Plug Back 1201'	Total Dep	oth	annual de la constante de la c		Pac	cker Set	at					
Casing Size Weight 4 1/2" 10.5#					Internal Diameter 4.052						Perforations 1006'			то 1039'			
					Internal D	iternal Diameter			Set at P			Perforations			То		
Type Com Single (Type Fluid Dry Ga	d Productions	n T				np Unit owing	or Traveling	Plunge	r? Yes	/ ((6)		
Producing	Thru (A	innulus / Tubi	ng)			arbon Diox	ide			%	Nitrogen			Gas Gra	avity - (3,	
Annulus Vertical D							ure Taps					(Meter Run) (Prover) Size 2"					
1039'	Buildure	Shut in 2-	3	20	09 _{at} 3:	Flar 55	Ť	AM) (PM)	Taken_2-	4		20	09 at			(AM) (M)	
Pressure Buildup: Shut in 29 Well on Line: Started 2-4			4		00 4:10			() ()					09 at			(AM) (PM)	
						OBSERV	ED	SURFAC	E DATA				Duratio	n of Shut-i	_{in} _72	Hours	
Static / Dynamic Property	amic Size Prover Pressure		Differer	ntial T	t t t			Wellhead (P _w) or (F	P _w) or (P _t) or (P _c)		Wellhead (P _w) or (F	Tubing ellhead Pressure w) or (Pt) or (Pc)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		psig (Pm	n) Inches	H ₂ 0			+	psig 11	25.4	-	psig	psia					
Flow								14	28.4				72		0		
						FLOW ST	RE	AM ATTR	IBUTES								
Plate Coeffiec (F _b) (F Mcfd	ient _p)	Circle one: Meter or Prover Pressure psia		Press Grav Extension Fac ✓ P _m x h F		otor Te		Flowing mperature Factor F _{tt}	Deviation Factor F _{pv}			Metered Flo R (Mcfd)	ow GOR (Cubic Fe Barrel)		et/	Flowing Fluid Gravity G _m	
											7	7					
				(, ,		!) CALCUL					(P _s)	² = 0.8	207	
$(P_c)^2 =$ $(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ² 1. F		P _d = 9 9 9 9 9 9 9 9 9 9		_%	Backpressure Curve Slope = "n" Assigned Standard Slope		e	n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)			
			divided by: P	- P*	by:	لت ا		Janu									
Open Flo	w		Mcfd €	14.6	5 psia			Deliveral	bility				Mcfd @	14.65 ps	ia		
	_	ned authority, erein, and that						1				above rep	ort and	that he ha		wledge of 20 09 RECEIV	
		Witnes	ss (if any)					1				For	Company			NOV 3 0	
	,	For Co	mmission					 			****	Ch	ecked by			KCC WIC	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to reque exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. and that the foregoing pressure information and statements contained on this application form are true ar correct to the best of my knowledge and belief based upon available production summaries and lease record of equipment installation and/or upon type of completion or upon use being made of the gas well herein name I hereby request a one-year exemption from open flow testing for the Ihrig 1-15 gas well on the grounds that said well:	— nd ds
(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 Commis	ssion
staff as necessary to corroborate this claim for exemption from testing.	
Date: 11/17/09	
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.

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W407 Ihrig 1-15 North Goodland Goodland None February-09

			-		TD C	REMARKS
	Casing	OTT A TEX			IRS	(Maximum length 110 characters)
DATE	PSI	STAT			OWN	(Waximum length 110 characters)
2/1/2009		11	24	8	0	
2/2/2009		11	24	8	0	
2/3/2009		16	29	4	12	
2/4/2009		16	29	0	24	
2/5/2009		16	29	0	24	
2/6/2009		16	29	0	24	
2/7/2009		16	29	0	1	bp
2/8/2009		14	27	2	0	
2/9/2009		14	27	5	0	
2/10/2009		14	27	6	5	
2/11/2009		14	27	6	2	
2/12/2009		14	27	6	0	
2/13/2009		13	26	6	0	
2/14/2009		13	26	6	0	
2/15/2009		13	26	6	. 0	
2/16/2009		13	26	6	0	
2/17/2009		13	26	6	, 0	
2/18/2009		13	26	7	0	bp
2/19/2009		13	26	7	0	
2/20/2009		13	26	7	0	
2/21/2009		13	26	6	0	
2/22/2009		13	26	6	0	
2/23/2009		13	26	6	0)
2/24/2009		13	26	6	0)
2/25/2009		13	26	6	0)
2/26/2009		12	25	7	, 0)
2/27/2009		12	25	7	¦ 6	5
2/28/2009		12	25	6	6	5
3/1/2009					C)
3/2/2009					¦ C)
3/3/2009					<u> </u>)

Total 146

W407 Ihrig 1-15 North Goodland Goodland None March-09

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DATE	PSI	STATIC	MCF	D	OWN	(M	Saximum length 110 characters
3/1/2009	1	4 2	7	1		0	
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3/9/2009	1	4 2	7	7	1	0	
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3/11/2009	1	4 2	7	7	I	0	
3/12/2009	1	4 2	7	7	1	0	
3/13/2009	1	2 2:	5	8		0	
3/14/2009	1	2 25	5	8	!	0	
3/15/2009	1	2 2:	5	8		0	
3/16/2009	1	2 25	5	8	İ	0	
3/17/2009	1	2 25	5	8		0	
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3/19/2009	1	2 25	5	8	1	0	
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Total 213

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