## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	en Flo		ASI			Test Date		truc	tions on Re	everse Sid	•	PI No. 15				
Deliverabilty 8/4/2009												5-023-20590	0000			
Company Rosewood Resources									Lease Isernhagen				Well Number 2-22			
County Cheyeni	County Location Cheyenne NWSE				Section 22				TWP RNG (E/W) 3S 41W			Acres Attributed 80				
Field St. Francis					Reservoir Niobrara						athering Conn ch Systems In					
Completion Date 9/10/2004					Plug Back Total Depti 1400'				th	Packer Set at						
Casing S 4 1/2"	Casing Size Weight 4 1/2" 10.5#					Internal Diameter 4.052			Set at 1411'			forations 61'	то 1297'			
Tubing S none	ize		Weig	ght		Internal Diameter				Set at Perforations			To			
Type Con Single (					**************************************	Type Fluid Production Dry Gas					Pump (	g Plunger?	Plunger? (es) No			
Producing	-	(Anr	nulus / Tubi	ng)	% Carbon Dioxide				de		% Nitro	ogen	Gas Gravity - G <sub>g</sub>			
Vertical D		H)			Pressure Taps Flange									r Run) (	(Prover) Size	
Pressure	Builde	D:	Shut in 8-	3					<del>-</del>	<del>`</del>			09 at 11:25	5	(PM)	
Well on Line: Started 8-4												09 <sub>at</sub> 1:15		_ (AM)(PM)		
							OBSEI	RVE	D SURFAC	E DATA			Duration of Shu	ut-in24	4 Hours	
Static / Dynamic Property	amic Size Prover		Circle one. Meter Prover Press psig (Pm	Dif	ressure fferential in ches H <sub>2</sub> 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		1	Tubing nead Pressure or (P <sub>1</sub> ) or (P <sub>c</sub> ) psia	Duration (Hours)		Liquid Produced (Barrels)		
Shut-In	Shut-In				2				40	54.4	paig	psia				
Flow	Flow								170	184.4			24	0		
				1			FLOW S	STR	EAM ATTF	RIBUTES		<u> </u>	<del></del>			
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one:  Meter or  Prover Pressure  psia		Ex	Press tension P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Т	Flowing emperature Factor F <sub>11</sub>	Fa	iation ctor pv	Metered Flow R (Mcfd)	W GOF (Cubic F Barre	Feet/	Flowing Fluid Gravity G <sub>m</sub>	
												2				
						(OPEN FLO	OW) (DE	LIV	ERABILITY	) CALCUL	ATIONS		(P,	<sub>a</sub> ) <sup>2</sup> = 0.	.207	
(P <sub>c</sub> ) <sup>2</sup> =	<del></del>	:	(P <sub>w</sub> ) <sup>2</sup> = :			P <sub>d</sub> =	P <sub>d</sub> =%			(P <sub>c</sub> - 14.4) + 14.4 =		:	_: (P <sub>d</sub> ) <sup>2</sup> =			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. F 2. F	LOG of formula 1. or 2.		P2-P2 A		essure Curve ppe = "n" - or ssigned dard Slope		LOG	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flow	pen Flow Mcfd @ 14.65 psia					Deliverability				Mcfd @ 14.65 psia						
												the above repo	rt and that he h	nas kno		
ne facts st	ated th	nereir	n, and that s	said repo	ort is true	and correct	t. Execu	ited	this the 2	<u> </u>	day of _		Tolk	/ R	, 20 09 ECEIVED	
			Witness	(if any)				_	-		om	For	Company KANS	4S CORP	PORATION COMM	
			For Com	mission			,	_	-			Chec	cked by	-NO\	<b>√ 3 0</b> 2009	

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request										
exempt	status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.										
and tha	t 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.											
l he	reby request a one-year exemption from open flow testing for theIsernhagen 2-22										
gas wel	on the grounds 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										
l fur	ther 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.										
ງate∗ 1	1/20/09										
- Lato											
	Signature: Jon W Roelfs										
	Title: Production Foreman										

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.

RECEIVED

KAMSAS CORPORATION COMMISSION

W352 Isernhagen 02-22 St. Francis St. Francis None August-09

	Tubing	Casing			-		HRS	Water	REMARKS
DATE	PSI	PSI	STATIC 1	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
8/1/2009			67	2	0	0	0	0	
8/2/2009			67	2	0	0	0	0	
8/3/2009			63	2	0	0	0	0	
8/4/2009		40	63	2	0	0	0	0	shut in for test
8/5/2009		170	98	1	0	0	0	0	open
8/6/2009			64	4	0	0	0	0	-
8/7/2009			67	2	0	0	0	0	
8/8/2009			65	2	0	0	0	0	
8/9/2009			63	2	0	0	0	0	
8/10/2009			63	2	0	0	0	0	PU OFF
8/11/2009			61	2	0	0	0	0	
8/12/2009			61	2	0	0	0	0	
8/13/2009			58	2	0	0	0	0	
8/14/2009			66	2	0	0	0	0	
8/15/2009			66	2	0	0	0	0	
8/16/2009			64	2	0	0	0	0	
8/17/2009			137	1	0	0	0	0	
8/18/2009			136	2	0	0	0	0	
8/19/2009			136	2	0	0	0	0	
8/20/2009			66	2	0	0	0	0	
8/21/2009			64	2	0	0	0	0	
8/22/2009			64	2	0	0	0	0	
8/23/2009			85	2	0	0	4	0	
8/24/2009			64	2	0	0	0	0	
8/25/2009			95	1	0	0	4	0	
8/26/2009			63	3	0	0	0	0	
8/27/2009			64	2	0	0	0	0	
8/28/2009			64	2	0	0	0	0	
8/29/2009			136	2	0	0	0	0	
8/30/2009			64	2	0	0	3	0	
8/31/2009			64	2	0	0	0	0	

Total 62

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W352

Isernhagen 02-22

St. Francis

St. Francis

None

September-09

	Tubing	Casing						H		Water
DATE	PSI	PSI	S	FATIC	MCF	SPM				BBLS
9/1/2009			0.	64		2	0	0	0	0
9/2/2009			0	63		2	0	0	0	0
9/3/2009			0	67		2	0	0	0	0
9/4/2009			0	79		2	0	0	6	0
9/5/2009			0	68		2	0	0	0	0
9/6/2009			0	66		2	0	0	0	0
9/7/2009			0	66		2	0	0	0	0
9/8/2009			0	66	I	2	0	0	0	0
9/9/2009			0	68		3	0	0	0	0
9/10/2009			0	64		2	0	0	0	0
9/11/2009			0	62		2	0	0	0	0
9/12/2009			0	61		2	0	0	0	0
9/13/2009			0	64		2	0	0	0	0
9/14/2009			0	61		2	0	0	0	0
9/15/2009			0	60		2	0	0	0	0
9/16/2009			0	60		2	0	0	0	0
9/17/2009			0	59		2	0	0	0	0
9/18/2009			0	59		2	0	0	0	0
9/19/2009			0	58		2	0	0	0	0
9/20/2009			0	58		2	0	0	0	0
9/21/2009			0	59		2	0	0	0	0
9/22/2009			0	58		2	0	0	0	0
9/23/2009			0	58		2	0	0	0	0
9/24/2009			0	57		2	0	0	0	0
9/25/2009			0	62		2	0	0	6	0
9/26/2009			0	106		2	0	0	0	0
9/27/2009			0	96		2	0	0	0	0
9/28/2009			0	88		3	0	0	0	0
9/29/2009			0	64		3	0	0	0	0
9/30/2009			0	62		2	0	0	8	0
10/1/2009			0	0		0	0	0	0	0

Total 63

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