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

Type Test	t:				:	(See Instruc	tions on R	everse Side	e)					
Op	en Flow	MS	I		Took Dat					N N = -45				
Deliverabilty					Test Date: 9-12-2006				15	API No. 15 15-023-20586- 00 -00				
Company Rosewo		ources	-				Lease Isemh	agen	***		1-22	Well N	umber	
County Location Cheyenne SWSW			Section 22				ANG (E/W) 41W			Acres 80	Attributed			
Field St. Francis										Gas Gathering Connection Branch Systems Inc.				
Completic 9/10/200					Plug Bac 1441'	ck Total Dep	th		Packer	Set at		-		
Casing Size Weight 4 1/2" 10.5#				Internal 4.052	Diameter	Set at 1490'		Perforations 1320'		<sub>То</sub> 1358'				
îubing Si None	ze	We	ight		Internal Diameter Set at			Perf	orations	То				
ype Con Single (		(Describe) al)								Pump Unit or Traveling Plunger? Ye Flowing				
roducing Annulus	•	Annulus / Tut	oing)		% (	Carbon Dioxi	de		% Nitro	gen	Gas Gr .6	avity -	G <sub>g</sub>	
/ertical D   <b>358'</b>	epth(H)					Pres Flan	sure Taps <b>ge</b>				(Meter	Run) (f	Prover) Size	
Pressure	Buildup:			2						20			(AM) (M)	
Well on L	ine:	Started 9	-13	20	06 at 5	:00	(AM) (PM)	Taken 9-	14	20	06 at 1:15		(AM)(PM)	
т		Circle or		r		OBSERVE	D SURFAC		1		Duration of Shut-	in 24	Hours	
Static / Dynamic Property	tatic / Orifice   Meter   Differential		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Wellh	Tubing ead Pressure or (P <sub>t</sub> ) or (P <sub>c</sub> ) psia	Duration (Hours)	Liquid Produced · (Barrels)			
Shut-In				-			253	267.4	paig	psia				
Flow							5	19.4			24	0		
DI		Circle one:				FLOW STR		RIBUTES				· · · · · · · · · · · · · · · · · · ·	1	
Plate Coefficcion (F <sub>b</sub> ) (F <sub>p</sub> Mcfd		Meter or Prover Pressure psia	•	Press Extension P <sub>m</sub> xh	Grav Faci F <sub>s</sub>	tor T	Flowing emperature Factor F <sub>It</sub>	Fa	ation ctor : pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
										5				
					(OPEN FL	OW) (DELIV	ERABILITY	/) CALCUL	ATIONS		(P <sub>a</sub> )	² = 0.2	07	
°)2 =	<del></del>	: (P <sub>w</sub> )		ose formula 1 or 2:	P <sub>d</sub> =	°	6 (	P <sub>c</sub> - 14.4) +	14.4 = _	<del>:</del>	(P <sub>d</sub> )	2 =		
(P <sub>c</sub> ) <sup>2</sup> - (P or (P <sub>c</sub> ) <sup>2</sup> - (P		$(P_c)^2 - (P_w)^2$		1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ led by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slo	essure Curve ope = "n" - or ssigned dard Slope	nх	LOG	Antilog	Del Equals	pen Flow iverability R x Antilog (Mcfd)	
han Fla			<u> </u>	Nation 11										
pen Flov				Mcfd @ 14.6	· · · · · · · · · · · · · · · · · · ·		Deliverat			***************************************	Mcfd @ 14.65 psi		·····	
		ned authority, rein, and that								ne above repoi lovember	rt and that he ha	s know	rledge of 20 <b>06 /</b> //	
					***************************************		_		10	m	VI	, e	1/2	
		Witnes	s (if any	<i>(</i> )						For C	ompany	/		
		For Co	mmissic	חי						Chec	ked by		RECEIN	

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I declare und	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request
	der Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the fore correct to the bes of equipment inst	going pressure information and statements contained on this application form are true and it of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for theIsernhagen 1-22
	rounds that said well:
	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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: <u>11-27-2006</u>	
	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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Well Name: Istrahagen 1-22

Pumper: Month 9/06

Day Static   Diff   MCF   Wtr   TP   CP   Cycle   Remarks     1									
1	3.3							SPM	
1   137   3   124   2   84   5   71   3   50   5   37   4   47   5   34   5   45   5   72   6   45   5   32   7   47   5   32   8   45   5   32   9   46   5   34   11   47   5   34   11   47   5   34   11   47   5   34   12   47   5   35   13   188   5   175   14   52   5   35   15   48   5   35   16   46   5   35   17   46   5   33   18   46   5   33   19   46   5   33   20   45   35   32   21   49   5   36	Day		Diff	MCF	Wtr	TP	СР	Cycle	Remarks
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31	31								
Totals		٠.	Totals						

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Well Name: Istrahagen 1-22

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Pumper: Month 8/06

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	:						SPM	
Day	Static	Diff	MCF	Wtr	TP	СР	Cycle	Remarks
1	46		5			33		
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26	48		5			35		
27	4.8					35		
28	47		3			34		
29	48		5			35		
30	47		3			34		
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		Totals						

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