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

**3** .

Type Tes			_			(See Instruc	tions on Re	everse Side	∍)				
O	pen Flo	w .	ØSI										
Deliverability						Test Date: 9/12/2006				1 No. 15 3-20630-00 <b>-</b>	<i>~</i>		
Compan		sou	rces, Inc.				Lease R. Wal	ter			33-21	Well Number	
County Location Cheyenne NWSE/4					Section 21				RNG (E/W) 41W			Acres Attributed 80	
Field St. Fran	cis					Reservoir Niobrara			Gas Gathering Connection Branch Systems Inc.				
Completi 10/22/20		е			Plug Bac 1521'	Plug Back Total Depth 1521'			Packer	Set at			
Casing S 2 7/8"	Size		Weigh 6.5#	t	Internal I	Diameter	Set at 1521'		Perforations 1385'		To 1417'		
Tubing S	ize		Weigh	t ·	Internal I	Internal Diameter Set at			Perf	orations	То		
Type Cor Single (			escribe)		Type Flui	d Production	n		Pump U	nit or Traveling	Plunger? Yes	/No	
	g Thru		nulus / Tubing	1)	% (	% Carbon Dioxide			% Nitro	<del></del>	Gas Gravity - G <sub>a</sub> .6		
Vertical D		l)				Pressure Taps Flange						Run) (Prover) Size	
Pressure	Buildu	p:	Shut in 9-1	22	06 at 1				13	20	06 at 3:20	(AM) (AM)	
Well on L	.ine:		Started 9-1	32	06 at 3	06 at 3:20 (AM) (PM) Taken 9-			14	20	06 at 12:00	(AM)(PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24 Hours	
Static / Dynamic Property	namic Size <i>Meter</i> Differentia Prover Pressure in		Differential	Flowing Well Head Temperature t		Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Wellhe	Tubing ead Pressure or (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In					-		265	279.4	psig	psia			
Flow			,				1	15.4			24	0	
					<del></del>	FLOW STR	EAM ATTR	IBUTES				·	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or ver Pressure psia	Press Extension P <sub>m</sub> xh	Gravity Tactor		Flowing Femperature Factor F <sub>(t</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G <sub>m</sub>	
									5				
/P \2			/ED 12			OW) (DELIV						2 = 0.207	
(P <sub>c</sub> ) <sup>2</sup> =	<del></del>		(P <sub>w</sub> ) <sup>2</sup> =	Choose Iomula 1 or 2.				o - 14.4) +	14.4 =	: :	· (P <sub>d</sub> );	· =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P	$ (P_{o})^{2} - (P_{w})^{2} $ $ 1. P_{o}^{2} - P_{o}^{2} $ $ 2. P_{o}^{2} - P_{d}^{2} $ $ divided by: P_{o}^{2} - P_{w}^{2} $		LOG of formula 1. or 2. and divide   p <sup>2</sup> - p <sup>2</sup> by:		Backpressure Curve Slope = "n" or Assigned Standard Slope		nx	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
						~~~~		······································					
Open Flor	<i>N</i>			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 psi	a	
				behalf of the							t and that he had	s knowledge of	
	·		Witness (if	any)					10.	m W For Co	onipany Core	42	
<u> </u>			For Commi	ssion	······		-	·*		Chec	ced by	ECEIVED	

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exemp	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request at status under Rule K.A.R. 82-3-304 on behalf of the operator_Rosewood Resources, Inc.  at the foregoing pressure information and statements contained on this application form are true and
of equi	to the best of my knowledge and belief based upon available production summaries and lease records pment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the R. Walter 33-21 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  arther agree to supply to the best of my ability any and all supporting documents deemed by Commission is necessary to corroborate this claim for exemption from testing.
Date: _	11-28-2006  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:

R. Walter 33-21

Pumper:		-		······································		_	Month	8/06		
::.	· .	1					SPM			
Day	Static	Diff	MCF	Wtř	ΤP	СР	Cycle	Remarks		
1 .	19		Ø			6				
2	21		Ø			8		-		
3	30		0			17			•	
4	29 29		Ø			16				
5	29		9			16				
6	29		Ø			16				
7	<u>30</u>		Ø			17				
8	<u>.32 ·</u>		Ø			19			•	
9	31		9			18			•	
10	152		6			140		CP @ well	140	Flower 9
11	134		6			121				
12	126		5			113				
13	128		5			115				
14	124		4			111				
15	118		4			105		Pinchad in		
16	151		ケ			138				
17	149		7			136				
18	147	-	7			134	,			
19	147		b				,			
20	144		フ			/3/				
21	147		7			134				
22	147		7					<del></del>	* * * * * * * * * * * * * * * * * * * *	
23	145		7			134				
24	145		6			132				
25	144		6			131			····	
26	149		6			134				
27	149		Q			134				
28	144		4			131				
29	144		7		·	137				
30	144		n			131			· <b>-</b> ···	
31	149		7			136				
	· .	Totals				<del></del>	<u></u>			יייייייייייייייייייייייייייייייייייייי

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Well Name: RWalter 33-21

Month 9/06Pumper:

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Day	Static	Diff	MCF	vvtr	TP	CP	Cycle	Remarks
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2	149		7			136	· · · · · · · · · · · · · · · · · · ·	
3	148	,	7			135		
4	149	<u> </u>	7			136		
5 .	147		7			134		
6	152		7			/39	<del></del>	
7	144		7			136		
8	147		7		<del></del>	134		•
9	147		7			134		
10	147		7			134		
11	147		7			134		
12	147		7		<u></u>	134		SI 11:00 CP 230 Open 3:20 CP 265
13								open 3:20 CP 265
14	152		5			139		
15	149		7			136		
16	149		7			136		
17	147		7			134		
18	152		2			139		
19	151		7			1.38		
20	150		7			137	······································	
21	150		7			137		
22	155		7			192		
23	154		7		*	141		
24	168		7			155		CP 9 MRS
25	149		5			1.36		
26	150	<del></del>	7			137		
27	.151		9			138		
28	150		14			137		
29	148		+			135		
30	150	·	7			137		
31	1,00					131		
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