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

Type Test	: en Flo	w	MSI				•	uctions	on Re	everse Sid	e)						
De	liverab	ilty				Test Date 8/13/20						API N 023-2	10. 15 20110 <b>00</b>	<i>BO</i>			
Company		sou	rces, Inc.						ease Rueb					<del></del>	1-9	Well N	umber
•				Section 9					RNG (E/W) 42W					Acres 80	Attributed		
					Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.								
Completion 7-24-199		e				Plug Bad 1673'	k Total De	epth			Pac	cker Se	t at				
4 1/2"				Internal I 4.052	Internal Diameter Set a 4.052 159				Perforations 1560'			то 1590'					
Tubing Si			Weig	ht		Internal I	Diameter		Set	at		Perfora		To			
Type Con Single (						Type Flui Dry Ga	id Product as	ion					or Traveling g Unit	Plunge	r? (es)	/ No	
Producing		(Anr	nulus / Tubi	ng)		% (	Carbon Did	xide			%	Nitroger	ו		Gas Gr .6	avity -	G <sub>g</sub>
Vertical D 1590'	epth(H	I)						essure nge	Taps						(Meter 2"	Run) (F	Prover) Size
Pressure	Buildu	p: :	Shut in 8-	12	2	0 09 at 1	:25	(AN	1) (PM)	Taken_8	-13		20	09 at	1:40		(AM) (PM)
Well on Li	ine:	. ;	Started 8-	13		09 at 1		(AN	1) (PM)	Taken 8-	-14			09 at			(AM) (PM)
			,				OBSER	/ED S	URFAC	E DATA				Duratio	n of Shut-	<sub>-in</sub> _24	Hours
Static / Dynamic Property	Orifice Size (inches)  Circle one:  Meter Meter Prover Pressure psig (Pm)  Pressure Differential in Inches H <sub>2</sub> 0		Flowing Well Head Temperature t		re (	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia			Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)		Liquid Produced (Barrels)				
Shut-In			, 5 (	,	2	**************************************		50		64.4		psig	psia				
Flow								20	00	214.4				24		0	
				1		<del></del>	FLOW S	REAN	/I ATTE	RIBUTES		<sub>1</sub>					<del></del>
Plate Coeffieci (F <sub>b</sub> ) (F <sub>p</sub> Mcfd	ent ,)		Circle one: Meter or ver Pressure psia		Press Extension P <sub>m</sub> x h	Grav Fac F <sub>a</sub>	tor	Tempe Fa	wing erature ctor	Fa	viation actor F <sub>pv</sub>		Metered Flow R (Mcfd)	,	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>
												1	12				
						(OPEN FL	- ,	IVERA		•					u	<sup>2</sup> = 0.2	207
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup>		ose formula 1 or 2:	P <sub>d</sub> =		_%		P <sub>c</sub> - 14.4) +		l =	<del></del> : ,		(P <sub>d</sub> )	<sup>2</sup> =	<del></del>
(P <sub>c</sub> ) <sup>2</sup> - (F	1	(P	<sub>c</sub> )² - (P <sub>w</sub> )²	:	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ led by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		Slo  As	essure Curve ope = "n" or ssigned dard Slope		n x LO	og 📗	Ar	itilog	Del Equal:	pen Flow liverability s R x Antilog (Mcfd)
								_			_						
Open Flov	<u> </u>		ļ		Mcfd @ 14.6	 65 psia		L D:	eliveral	bility				Mcfd @	14.65 psi	ia	
The u	ındersi	_	•		ehalf of the	Company, s		he is	duly a	uthorized t						s know	viedge of
ine facts st	ated th	nereir	n, and that s	said	report is true	and correc	t. Execute	ed this	the <u></u>	· <u> </u>	day	of	(1)	/100	16	,	20
			Witness	(if any	/)								For C	ompany	7	F	RECEIVED RPORATION COMM
			For Com	missic	าก								Chec	ked by	KANS	AS CUP	ALOUNTION CON

NOV 3 0 2009

exempt status under Rule and that the foregoing pr correct to the best of my k of equipment installation a	ty of perjury under the laws of the state of Kansas that I am authorized to request K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.  essure information and statements contained on this application form are true and nowledge and belief based upon available production summaries and lease records and/or upon type of completion or upon use being made of the gas well herein named. Se-year exemption from open flow testing for the Rueb 1-9
gas well on the grounds the	
is cycle is a so is on v  ✓ is not co  I further agree to sup	albed methane producer ed on plunger lift due to water urce of natural gas for injection into an oil reservoir undergoing ER acuum at the present time; KCC approval Docket No capable of producing at a daily rate in excess of 250 mcf/D oly to the best of my ability any and all supporting documents deemed by Commission oborate this claim for exemption from testing.
Date: 11/20/09	
	Signature: Jon Wolfs  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.

KANSAS CORPORATION COMMISSION

W368
Rueb 1-9
West St. Francis
St. Francis
Pumping Unit/Elec
August-09

•	Casing					HRS	Water	REMARKS
DATE	PSI	STATIC	MCF	SPM	CY	CLE DOWN	BBLS	(Maximum length 110 characters)
8/1/2009		63	11	0	0	0	0	
8/2/2009		63	11	0	0	0	0	
8/3/2009		68	12	0	0	0	0	
8/4/2009		68	12	0	0	0	0	)
8/5/2009		73	12	0	0	0	0	
8/6/2009		73	12	0	0	0	0	
8/7/2009		73	12	0	0	0	0	
8/8/2009		68	12	0	0	0	0	1
8/9/2009		68	12	0	0	0	0	1
8/10/2009		68	12	0	0	0	0	1
8/11/2009		68	12	0	0	0	0	<b>F</b>
8/12/2009		68	12	0	0	0	0	ı
8/13/2009	50	68	12	0	0	0	0	shut in for test
8/14/2009	200	68	3	0	0	0	0	open
8/15/2009		68	12	0	0	0	0	1
8/16/2009		63	13	0	0	0	0	1
8/17/2009		63	12	0	0	0	0	1
8/18/2009		63	12	0	0	0	0	1
8/19/2009		66	12	0	0	0	0	
8/20/2009		68	12	0	0	0	0	
8/21/2009		63	12	0	0	0	0	
8/22/2009		63	12	0	0	0	0	
8/23/2009		63	12	0	0	0	0	
8/24/2009		61	12	0	0	0	0	
8/25/2009		61	12	0	0	0	0	
8/26/2009		61	12	0	0	0	0	
8/27/2009		61	12	0	0	0	0	
8/28/2009		61	12	0	0	0	0	
8/29/2009		58	11	0	0	0	0	
8/30/2009		58	11	0	0	0	0	
8/31/2009		58	12	0	0	0	0	

Total 360 0

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W368
Rueb 1-9
West St. Francis
St. Francis
Pumping Unit/Elec
September-09

	Casing				HRS	Water
DATE	PSI	STATIC MCF	SPM	CYCLE	DOWN	BBLS
9/1/2009		58	11		(	)
9/2/2009		58	11		(	)
9/3/2009		58	11		(	)
9/4/2009		58	11		(	)
9/5/2009		58	12		(	)
9/6/2009		58	11		(	)
9/7/2009		58	11		(	)
9/8/2009		58	12		(	)
9/9/2009		58	12		(	)
9/10/2009		58	12		(	
9/11/2009		58	12		(	)
9/12/2009		58	12		(	)
9/13/2009		58	12		(	)
9/14/2009		58	12		(	)
9/15/2009		58	12		(	)
9/16/2009		58	12		(	)
9/17/2009		53	12		(	)
9/18/2009		53	11		(	)
9/19/2009		53	12		(	)
9/20/2009		53	12		(	) .
9/21/2009		53	12		(	)
9/22/2009		53	12		0	)
9/23/2009		53	12		C	)
9/24/2009		53	12		C	)
9/25/2009		55	12		C	)
9/26/2009		53	12		C	)
9/27/2009		53	12		C	)
9/28/2009		53	12		C	)
9/29/2009		55	12		C	)
9/30/2009		53	12		C	)
10/1/2009					C	)

Total 353 0



W368

Rueb 1-9

West St. Francis

St. Francis

Pumping Unit/Elec

October-09

Chart Meter

	Casing					HRS	Water
DATE	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS
10/1/2009		53	1	2		(	)
10/2/2009		128		0		(	)
10/3/2009		128		0		(	)
10/4/2009		57	2	20		(	)
10/5/2009		57	2	:0		(	)
10/6/2009		53		2			)
10/7/2009		53	1	2		(	)
10/8/2009		53	1	2		(	)
10/9/2009		63	1	2		(	)
10/10/2009		57		2		(	
10/11/2009		57		2		(	
10/12/2009		57	1	2		(	)
10/13/2009		57	1	2		(	)
10/14/2009		53	1	2		(	)
10/15/2009		53	1	2		(	)
10/16/2009		53	1	2		(	)
10/17/2009		50	1	1		(	)
10/18/2009		53	1	2		(	)
10/19/2009		54	1	2		(	)
10/20/2009		53	1	2		(	)
10/21/2009		53	1	2		(	)
10/22/2009		53	1	2		(	)
10/23/2009		53	1	2		(	)
10/24/2009		53	1	2		(	)
10/25/2009		53	1	2		(	)
10/26/2009		53	1	2		(	)
10/27/2009		53	1	2		(	)
10/28/2009		52	1	2		(	)
10/29/2009		53	1	2		(	)
10/30/2009		52	1	2		(	)
10/31/2009		53	1	2		(	)

Total 363 0

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