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

Type Test	::	COST		+	(See Instruc	tions on Re	everse Side	)					
,		MSI		Test Date	e:	•		API	No. 15				
∐ De	liverabil	ty		8/15/20	12			023	3-20554-0000	0			
Company Rosewo		ources, Inc.				Lease Northru	ıp			2-33	Well Nu	mber	
County Location SCheyenne SWSE					Section TWP 33 2S			RNG (E 42W	W)		Acres Attributed 80		
Field Cherry C	:reek			Reservoi Niobrar					hering Conne Systems Inc	_	R	ECEIVE	
Completion Date F					Plug Back Total Depth				Set at		JAN 0 3 20		
				1815'	Diameter	Set	at	Perfo	rations	То	To <b>VOO</b> 10		
4 1/2" 10.5#				4.052	4.052 1820'			160			へしし	WICH	
ubing Si	ıze	Weig	int	Internal	Diameter	Set	at ·	Perio	rations	То			
		(Describe) entional)		Type Flu Dry Ga	id Productio as	n			nit or Traveling ing Unit	Plunger? Yes	)/ No		
roducino Annulus	•	Annulus / Tubi	ng)	% (	Carbon Diox	ide		% Nitrog	jen	Gas G .6	iravity - C		
/ertical E					Pres	sure Taps				(Meter	Run) (Pr	over) Size	
1634'			4.4		Flan	<del></del>				2"			
Pressure	Buildup				0 12 at 11:40 (PM) Taken 8					12 at 11:50	· (	(AM) (APM)	
Vell on L	.ine:	Started 8-	15 2	20 12 at 1	1:50	(PM)	Taken <u>8-</u>	·16	20	12 at 1:40	(	AM)(PM)	
					OBSERVE	ED SURFAC	E DATA			Duration of Shu	t-in 24	Hours	
Static / Orifice Meter Diffe		Differential in	Temperature Temperature		Mollhoad Proceure		Wellhe	Tubing ead Pressure r (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration Liqu		d Produced Barrels)		
Shut-In	(1110110	psig (Pm	) Inches H <sub>2</sub> 0			psig .	psia 229.4	psig	psia				
Flow					(	26	40.4			24	0		
	L	L	L		FLOW ST	REAM ATT	RIBUTES	1	. 1				
Coefficcient Meter or		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Flowing Temperature Factor F <sub>tt</sub>	Fa	iation Metered Flow ctor R = (Mcfd)		V GOR (Cubic F Barre	eet/	Flowing Fluid Gravity G <sub>m</sub>	
									12				
				(OPEN FL	.OW) (DELI\	ERABILITY	() CALCUL	ATIONS		(P <sub>a</sub>	)2 = 0.2		
c)2 =	·	: (P <sub>w</sub> ) <sup>2</sup>		P <sub>d</sub> =		% (	P <sub>c</sub> - 14.4) +	14.4 =	:	(P <sub>d</sub>	) <sup>2</sup> =		
$(P_c)^2 - (P_a)^2$ (Portion of $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> )²- (P <sub>w</sub> )²	$\begin{array}{c} \text{Choose formula 1 or 2:} \\ 1. \ \ P_{c}^{\ 2} - P_{a}^{\ 2} \\ 2. \ \ P_{c}^{\ 2} - P_{d}^{\ 2} \\ \text{divided by: } P_{c}^{\ 2} - P_{w}^{\ 2} \end{array}$		LOG of formula 1. or 2. and divide by:  p 2 - p 2 w		Backpressure Curve Slope = "n" or Assigned Standard Slope		LOG	Antilog De Equal:		en Flow verability R x Antilog Mcfd)	
											<u> </u>		
pen Flo	w ·		Mcfd @ 14	.65 psia		Delivera	bility	· · · · · · · · · · · · · · · · · · ·		Mcfd @ 14.65 p	sia	<del></del>	
		-	on behalf of the said report is tru	•		-			ne above repo ecember	rt and that he h		edge of 20	
							$\subset$	)a	nul	(a)	w	()	
		Witness	(if any)				-	/	For C	company			
		For Corr	nmission						Chec	cked by			

Form G-2 (Rev. 7/03)

### KCC WICHITA

I declare und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status und	ler Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
nd that the foreg	poing pressure information and statements contained on this application form are true and
orrect to the bes	of my knowledge and belief based upon available production summaries and lease records
f equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby requ	est a one-year exemption from open flow testing for the Northrup 2-33
as well on the gr	ounds that said well:
(Check	one)
(Crieck	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
<u> </u>	, , , , , , , , , , , , , , , , , , , ,
I further agree	e to supply to the best of my ability any and all supporting documents deemed by Commissio
taff as necessar	to corroborate this claim for exemption from testing.
oate: 12/19/12	
	Signature: Janul GUUD
	- · · · · · · · · · · · · · · · · · · ·
	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.

## RECEIVED JAN 0 3 2013 KCC WICHITA

W363

Northrup 2-33

West St. Francis

St. Francis

Pumping Unit/Elec

August-12

	Tubing	g Casing				Н	RS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLED	OWN	BBLS	(Maximum length 110 characters
8/1/2012		28	41	11	4.5	8		6	
8/2/2012		28	41	11	4.5	8		6	
8/3/2012		29	42	12	4.5	8		6	
8/4/2012		50	63	11	4.5	8		7	
8/5/2012		56	69	11	4.5	8		8	
8/6/2012		44	57	12	4.5	8		8	bp
8/7/2012		28	41	11	4.5	8		7	
8/8/2012		28	41	12	4.5	8		6	
8/9/2012		30	43	12	4.5	8		6	bucket test 10 min
8/10/2012		28	41	12	4.5	8		8	
8/11/2012		64	77	11	4.5	8	1.5	7	
8/12/2012		36	49	12	4.5	8		6	
8/13/2012		27	40	12	4.5	8		7	
8/14/2012		25	37	11	4.5	4		6	shut well in for state test psi 25
8/15/2012		215	43	0	4.5	0	24	0	open well 215
8/16/2012		26	39	17	4.5	4		7	started pumping unit
8/17/2012		30	43	12	4.5	. 8		7	
8/18/2012		29	42	12	4.5	8		8	
8/19/2012		29	42	12	4.5	8		7	
8/20/2012		28	41	12	4.5	8		6	
8/21/2012		29	42	11	4.5	8		7	
8/22/2012		30	43	12	4.5	8		8	
8/23/2012		30	43	12	4.5	8		7	
8/24/2012		25	38	12	4.5	8		6	bucket test 10 min
8/25/2012		25	38	12	4.5	8		7	
8/26/2012		30	43	12	4.5	8		8	
8/27/2012		30	43	12	4.5	8		7	
8/28/2012		34	47	11	4.5	8		6	
8/29/2012		30	43	11	4.5	8		7	
8/30/2012		30	43	11	4.5	8		6	bucket test 10 min
8/31/2012		31	44	12		8		6	

W363
Northrup 2-33
West St. Francis
St. Francis
Pumping Unit/Elec
September-12

	Casing					HRS	Water	REMARKS
DATE	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters
9/1/2012	31	44	12	4.5	8		7	
9/2/2012	31	44	12	4.5	8		8	
9/3/2012	31	44	12	4.5	8		7	
9/4/2012	31	44	12	4.5	8		6	·
9/5/2012	65	78	11	4.5	8	1	7	
9/6/2012	33	46	12	4.5	8		8	shut pumping unit off hfp
9/7/2012	148	161	11	4.5	0	19	0	
9/8/2012	166	179	10	4.5	0	24	0	
9/9/2012	171	184	10	4.5	0	24	0	
9/10/2012	176	189	9	4.5	0	24	0	
9/11/2012	177	190	9	4.5	0	24	0	
9/12/2012	178	191	9	4.5	0	24	0	
9/13/2012	110	123	10	4.5	0	10	0	
9/14/2012	98	111	9	4.5	0		0	
9/15/2012	90	103	9	4.5	0		0	
9/16/2012	85	98	9	4.5	0		0	
9/17/2012	76	89	9	4.5	0		0	
9/18/2012	32	45	9	4.5	4		0	started pumping unit
9/19/2012	82	95	10	4.5	2		.3	shut pumping unit off hfp
9/20/2012	25	38	10	4.5	4		4	started pumping unit
9/21/2012	30	43	12	4.5	8		8	
9/22/2012	31	44	13	4.5	8		7	
9/23/2012	31	44	14	4.5	8		6	
9/24/2012	32	45	14	4.5	8		7	
9/25/2012	32	45	15	4.4	8		6	bucket test 6 min
9/26/2012	33	46	15	4.5	8		5	
9/27/2012	33	45	15	4.5	8		6	
9/28/2012	32	45	16	4.5	8		7	
9/29/2012	32	45	16	4.5	8		4	
9/30/2012	32	45	16	4.5	8		6	
10/1/2012								

W363 Northrup 2-33 West St. Francis St. Francis Pumping Unit/Elec October-12

# RECEIVED JAN 0 3 2013 KCC WICHITA

	Casing				HRS	Water	REMARKS
DATE	PSI	STATIC	MCF	SPM	CYCLE DOWN	BBLS	(Maximum length 110 characters
10/1/2012	32	45	16	4.5	8	6	
10/2/2012	31	44	16	4.5	8	5	
10/3/2012	30	43	16	4.5	8	4	
10/4/2012	29	42	16	4.5	8	5	
10/5/2012	31	44	16	4.5	8	6	
10/6/2012	30	43	16	4.5	8	. 5	
10/7/2012	30	43	14	4.5	8	4	
10/8/2012	30	43	14	4.5	8	5	
10/9/2012	29	42	14	4.5	8	6	bucket test 6 min
10/10/2012	30	43	13	4.5	8	5	
10/11/2012	30	43	13	4.5	8	4	
10/12/2012	30	43	13	4.5	8	6	
10/13/2012	31	44	13	4.5	8	4	
10/14/2012	30	43	12	4.5	8	7	
10/15/2012	30	43	12	4.5	8	6	
10/16/2012	44	57	12	4.5	8	5	
10/17/2012	30	43	12	4.5	8	4	
10/18/2012	31	44	12	4.5	8	5	
10/19/2012	30	43	12	4.5	8	6	bucket test 6 min and treated well
10/20/2012	46	59	13	4.5	8	5	
10/21/2012	31	44	11	4.5	8	4	
10/22/2012	30	43	12	4.5	4	5	shut pumping unit off
10/23/2012	28	41	11	4.5	0	0	•
10/24/2012	26	39	10	4.5	4	4	
10/25/2012	30	43	11	4.5	8	6	
10/26/2012	29	42	11	4.5	8	4	
10/27/2012	28	41	11	4.5	8	6	
10/28/2012	29	42	11	4.5	8	5	
10/29/2012	77	90	11	4.5	4	2 3	pu off hfp
10/30/2012	68	81	10	4.5	0	0	•
10/31/2012	42	55	10	4.5	4	. 3	shut pumping unit off

Total

394

143