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

Type Tes	t:		<u> </u>		(	(See Instruc	tions on Re	verse Side	<del>)</del> )					
Op	en Flow	$\boxtimes S$	ナ		Test Date	a.			ΔĐ	I No. 15				
De	eliverabili	ty			8/8/200					1-20427-01-	00			
Company		ources, li	nc.				Lease G. Ihriç	9			21-20	Well Nui DH	mber	
County Location Sherman NENW				Section TWP 7S				RNG (E/W) 39W			Acres Attributed 80			
Field Goodland			Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.							
Completion						k Total Dep	th		Packer			•		
8/29/20 Casing S					3266'	Diameter	Set a			ASURED Torations	DISTANCE F To	ROM	Surface of Lati	. To en
4 1/2"	126		0.5#		4.000	Jameler	326		⇒ 319		3212'		OF GAT	PH 14 14 16
Tubing Si	ize	1	Veight		Internal I	Diameter	Set a	at	Perfo	orations	То		as managers as	
Type Con Single (		(Describe) nal)			Type Flui Dry Ga	d Production	n		Pump U Flowir	nit or Traveling	Plunger? Yes	/(No	)	
Producing Annulus	•	Annulus /	Tubing)		% (	Carbon Dioxi	de		% Nitro	gen	Gas Gr .6	ravity - G	i <sub>o</sub>	
Vertical D	epth(H)						sure Taps				•	Run) (Pr	over) Size	
3287'						Flan	<del></del>				2"			
Pressure	Buildup:	Shut in	8-8	2	08 at 8	:00	(PM)	Taken_8-	9	20	08 at 9:15	<i>[</i>	AM)(PM)	
Well on L	ine:	Started	8-9	2	0 08 at 9		(AM)(PM)			20	08 at9:55	@	ÂM)(PM)	
				7	1	OBSERVE	D SURFAC				Duration of Shut-	-in 24	Hours	
Static / Dynamic Property	Orifice Size (inches	e Prover Pressure		1	Flowing Temperature t	Temperature Temperature		ing Pressure ,) or (P <sub>c</sub> )	Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)		l Produced Barrels)	
Shut-In		paig	(FIII)	inches H <sub>2</sub> 0			psig 36	psia 50.4	psig	psia				
Flow							27	41.4			24	0		
					•	FLOW STR	EAM ATTR	IBUTES				•		
Plate Coeffieci (F <sub>b</sub> ) (F Mcfd	ent ,)	Circle one:  Meter or  Prover Pressure  psia		Press Extension ✓ P <sub>m</sub> x h	Fac	Gravity Factor T		Fa	Deviation Metered FI Factor R F <sub>pv</sub> (Mcfd)		v GOR (Cubic Fe Barrel)	1	Flowing Fluid Gravity G <sub>m</sub>	
										19				
(P <sub>c</sub> ) <sup>2</sup> =		: (F	)² =	:	(OPEN FLO	OW) (DELIVI	•	CALCUL - 14.4) +		:	(P <sub>a</sub> ) <sup>*</sup>	² = 0.20	)7	
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F	P <sub>a</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> )	2 Cho	nose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P.2-P.2	Backpres Slop Ass	ssure Curve e = "n" or signed ard Slope	n x	LOG	Antilog	Ope Deliv Equals	en Flow verability R x Antilog Mcfd)	
Open Flov	l v			Mcfd @ 14.	65 psia		Deliverab	lity	<u> </u>		Mcfd @ 14.65 psi	] a		
The u	ındersiar	ned author	ity, on b	ehalf of the	Company. s	tates that he	e is dulv au	thorized to	make th	ne above reno	rt and that he ha	ıs knowle	edge of	
				report is true						ovember		2 ,2	0 98	
		Wit	ness (if an	y)		Kansas	EOER Cossoni	MED 104 colo	"CEINI	m C	company	elf.	2	
				· · · · · · · · · · · · · · · · · · ·		. w 30 00 110	_		walle.					
	*	For	Commissi	on		<	Jan 2	2009		Chec	ked by			

CONSERVATION DIVISION WICHTIA, KS

exempt statu	s under penalty of perjury under the laws of the state of Kansas that I am authorized to request s under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.  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
• •	installation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the G. Ihrig 21-20H
	ne grounds that said well:
(C	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
	agree to supply to the best of my ability any and all supporting documents deemed by Commission ssary to corroborate this claim for exemption from testing.
Date: <u>11/18/</u>	08
	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.

\*\*CENTIFY\*\*
\*\*CANSAS CONTINUESSION\*\*

JAN 2 9 2009

CONSERVATION DIVISION WICHTA, KS

W2269 G. Ihrig 21-20H North Goodland Goodland None August-08

	Casing			ŀ	łRS	REMARKS
DATE	PSI	STATIC	MCF	Ι	OOWN	(Maximum length 110 characters)
8/1/2008	20	39	)	18	2	
8/2/2008	20	39	)	18	0	
8/3/2008	26	5 39	)	18	0	
8/4/2008	26	39	)	18	0	
8/5/2008	26	39	)	18	0	
8/6/2008	26	5 39	)	18	0	
8/7/2008	33	46	5	6	5.5	
8/8/2008	36	5 49	)	0	5	
8/9/2008	36	5 49	•	0	24	
8/10/2008	36	49	•	0	0	
8/11/2008	29	42		15	0	
8/12/2008	30	43		18	0	
8/13/2008	29	42		18	0	
8/14/2008	29	42		18	0	
8/15/2008	29	42		18	0	
8/16/2008	29	42		18	0	
8/17/2008	29	42		17	0	
8/18/2008	29	42		14	0	
8/19/2008	29	42		14	0	
8/20/2008	29	42		14	0	
8/21/2008	29	42		14	7	
8/22/2008	28	41		17	0	
8/23/2008	28	41		17	0	
8/24/2008	28	41		17	0	
8/25/2008	28	41		17	0	
8/26/2008	28	41		17	0	
8/27/2008	28	41		19	0	
8/28/2008	28	41		19	0	
8/29/2008	28	41		19	0	
8/30/2008	28	41		19	0	
8/31/2008	28	41		19	0	

Total 472

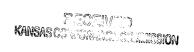


JAN 2 9 2009

W2269 G. Ihrig 21-20H North Goodland Goodland None September-08

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
9/1/2008	27	40	)	19	0	
9/2/2008	27	40	•	19	0	
9/3/2008	27	40		19	0	
9/4/2008	30	43		10	0	
9/5/2008	30	43		10	0	
9/6/2008	27	40		19	0	
9/7/2008	27	40		19	0	
9/8/2008	27	40		19	0	
9/9/2008	27	40		19	0	
9/10/2008	27	40		19	8	
9/11/2008	27	40		12	0	
9/12/2008	27	40		19	0	
9/13/2008	27	40		19	0	
9/14/2008	27	40		19	0	
9/15/2008	27	40		19	0	
9/16/2008	27	40		19	0	
9/17/2008	27	40		19	0	
9/18/2008	27	40		18	0	
9/19/2008	26	39		18	0	
9/20/2008	26	39		18	0	
9/21/2008	26	39		18	0	
9/22/2008	26	39		18	0	
9/23/2008	26	39		18	0	
9/24/2008	26	39		18	0	
9/25/2008	26	39		18	0	
9/26/2008	26	39		18	0	
9/27/2008	26	39		18	0	
9/28/2008	26	39		18	0	
9/29/2008	26	39		18	0	
9/30/2008	26	39		18	0	
10/1/2008					0	

Total 532



JAN 29 2003

W2269 G. Ihrig 21-20H North Goodland Goodland None October-08

	Casing				HRS	REMARKS
DATE	PSI	STATIC	MCF		DOWN	(Maximum length 110 characters)
10/1/2008	20	5 39	)	17	0	
10/2/2008	20	5 39	l	17	0	
10/3/2008	20	5 39	1	17	0	
10/4/2008	20	39	1	17	0	
10/5/2008	3	L 43		7	16	
10/6/2008	20	5 39	1	14	5	
10/7/2008	20	5 39	•	17	0	
10/8/2008	20	39	•	17	0	
10/9/2008	20	5 39	ı	17	0	
10/10/2008	20	39	ı	17	0	
10/11/2008	20	5 39	ı	17	0	
10/12/2008	20	5 39	ı	17	0	
10/13/2008	20	5 39	ı	17	9.5	
10/14/2008	20	5 39	ı	11	3	
10/15/2008	20	39	ı	17	0	
10/16/2008	20	5 39		17	0	
10/17/2008	20	5 39		17	0	
10/18/2008	20	39		17	0	
10/19/2008	26	5 39		17	0	
10/20/2008	26	39		17	0	
10/21/2008	26	39		17	0	
10/22/2008	26	39		17	0	
10/23/2008	26	39		17	0	
10/24/2008	26	39		17	0	
10/25/2008	26	39		17	0	
10/26/2008	26	39		17	0	
10/27/2008	26	5 39		17	0	
10/28/2008	26	39		17	0	
10/29/2008	26	39		17	0	
10/30/2008	26	5 39		17	0	
10/31/2008	26	39		17	0	

Total 508



JAN 29 2009