KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

One		1			1			verse Side	7						
, Op.	en Flow	N 31			Test Date				ΛDI	l No. 15					
Del	liverabilty				4/19/20					·181-20443-	00 00				
ompany cosewoo	od Reso	urces	· · ·			·	Lease Leonar	- ·		•		23-29	Well Nu	ımber	
County Location Sherman NESW			Section 29				RNG (E/W) 39W			Acres Attributed					
			Reservoir Niobrara			Gas Gathering Connection Branch Systems Inc.					RECEI	VEI			
Completion Date 10/23/2006				Plug Bac 1268'	k Total Dep	ih	Packer Set at					JAN 03			
Casing Size Weight 4 1/2" 10.5#		Internal Diameter 4.052			1267.81'		Perforations 1036'		To 1074'	K	CC WIC				
Tubing Size Weight none			Internal Diameter Set at			Perforations			То		1110	41 H			
		Describe) ntional)			Type Flui Dry Ga	d Production	n 		Flowir	-	g Plunge		/ (No)		
roducing	Thru (A	nnulus / Tub	ing)		% C	arbon Dioxi	de		% Nitrog	gen		Gas Gr	avity - (3,	
Annulus Vertical Depth(H)				Pressure Taps							.6 (Meter Run) (Prover) Size				
1315' Pressure Buildup: Shut in 4-18				Flange 0 12 _{at} 11:15 (AM) (PM) Taken 4			Taken 4-	-19 ₂₀ 12 _a		12 _{at}	2" 11:30		(AM)(PM)		
Vell on Li	·	Started 4-	19			1:30						12:15		(AM)(PM)	
						OBSERVE	D SURFAC	E DATA			Duratio	n of Shut-	_{in} 24	Hours	
Static / Orifice lynamic Size Property (inches)		e Prover Pressure		Pressure Differential in Inches H ₂ 0	ifferential Flowing Well Head Temperature		(P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)			ration lours)		id Produced Barrels)	
Shut-In		parg (i ii	,	Inches 1120			psig 19	98ia 33.4	psig	psia		<u></u>		-	
Flow				•	·		11	25.4			24		0		
						FLOW STF	EAM ATT	RIBUTES							
Plate Coefficcient (F _b) (F _p) Mcfd		Provet Pressure		Press Extension ✓ P _m x h	Gravity To		Flowing Temperature Factor F ₁₁	erature Factor		Metered Flow R (Mcfd)		GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
. 		· · · · · · <u></u>								22					
P _c) ² =	:	: (P _w) ²	· =	:	(OPEN FL	OW) (DELIV		•		<u></u> :		(P _a) ² (P _a) ²	2 = 0.2 2 =	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _c ² LOG formu 2. P _c ² - P _c ² 1. or		LOG of Slope 1. or 2. or 0 Assign		essure Curve pe = "n" - or ssigned dard Slope	n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mctd)		
				£ ₩											
Open Flor	w			Mcfd @ 14.6	55 psia		Deliveral	oility			Mcfd @	14.65 psi	a		
The ·	Indereion	ed authority				tates that h			o make •	he above res				ledge of	
	•	rein, and that								he above repo December	Jitano I	IIB NA		20 12	
- ·-		Witness	s (if any)		-				20	nall		UU	W		
		TVITIES	~ (ii diriy)	,						FOI	Julipany				

JAN U 3 2013

KCC WICHITA

KCC MICHIA
I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the 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
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from open flow testing for the Leonard 23-29
gas well 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
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: _12/20/12
Signature: <u>Jannull Guull</u>
Title: Production Assistant

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.

W2324 Leonard 23-29 North Goodland Goodland None April-12

RECEIVED

JAN 0 3 2013

KCC WICHITA

FloBoss						
	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOW	1	(Maximum length 110 characters)
4/1/2012		10	23	22	0	
4/2/2012		10	23	21	0	
4/3/2012		10	23	21	0	
4/4/2012		10	23	22	0	
4/5/2012		10	23	22	0	
4/6/2012		10	23	22	0	
4/7/2012		10	23	22	0	
4/8/2012		10	23	22	0	
4/9/2012		10	23	22	0	
4/10/2012		10	23	21	0	
4/11/2012		10	23	21	0	
4/12/2012		10	23	21	0	
4/13/2012		10	23	21	0	
4/14/2012		10	23	21	0	
4/15/2012		10	23	22	0	
4/16/2012		10	23	22	0	
4/17/2012		9	22	22	0	
4/18/2012		10	23	21	3	shut in for state, bp
4/19/2012		19	32	0	24	opened up
4/20/2012		11	24	29	0	
4/21/2012		11	24	25	0	
4/22/2012		10	23	24	0	
4/23/2012		10	23	24	0	
4/24/2012		11	24	24	0	
4/25/2012		10	23	23	0	
4/26/2012		11	24	23	0	
4/27/2012		12	25	14	9.5	
4/28/2012		11	24	24	0	
4/29/2012		11	24	23	0	
4/30/2012		11	24	23	0	
5/1/2012					0	

Total

W2324

Leonard 23-29

North Goodland

Goodland

None

May-12

FloBoss

JAN 0 3 2013 KCC WICHITA

	Casing		-	HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
5/1/2012	1	1 2	4	22	0	
5/2/2012	1	1 2	4	22	0	
5/3/2012	1	0 2	.3	22	0	
5/4/2012	1	0 2	.3	22	0	
5/5/2012	1	0 2	:3	22	0	
5/6/2012	1	0 2	:3	22	0	
5/7/2012	1	0 2	3	22	0	
5/8/2012	1	0 2	:3	22	0	
5/9/2012	1	0 2	:3	22	0	
5/10/2012	1	0 2	:3	22	0	
5/11/2012	1	0 2	:3	22	0	
5/12/2012	1	0 2	:3	22	0	
5/13/2012	1	0 2	:3	22	0	
5/14/2012	1	0 2	:3	22	0	
5/15/2012	1	0 2	:3	22	0	
5/16/2012	1	0 2	:3	22	0	
5/17/2012	1	0 2	:3	22	0	
5/18/2012	1	0 2	:3	22	0	
5/19/2012	1	0 2	23	22	0	
5/20/2012	1	0 2	:3	22	0	
5/21/2012	1	0 2	.3	22	0	
5/22/2012	1	0 2	:3	22	0	
5/23/2012	1	0 2	:3	22	0	
5/24/2012	1	0 2	:3	22	0	
5/25/2012	1	0 2	:3	22	0	
5/26/2012	1	0 2	.3	22	0	
5/27/2012	1	0 2	13	22	0	
5/28/2012	1	0 2	:3	20	2	
5/29/2012	1	1 2	.4	20	2.5	
5/30/2012	1	0 2	!3	22	0	
5/31/2012	1	0 2	.3	22	0	

W2324 Leonard 23-29 North Goodland Goodland

None June-12

FloBoss

RECEIVED

JAN 0 3 2013

KCC WICHITA

	Casing				HRS	REMARKS
DATE	PSI	STATIC	MCF		DOWN	(Maximum length 110 characters)
6/1/2012	1	10 2	3	22	0	
6/2/2012	1	10 2	3	22	0	
6/3/2012	1	10 2	3	22	0	
6/4/2012	1	10 2	3	22	0	
6/5/2012	1	10 2	3	22	0	
6/6/2012	1	10 2	3	22	0	
6/7/2012	1	10 2	3	22	0	
6/8/2012	1	10 2	3	22	0	
6/9/2012	1	10 2	3	22	0	
6/10/2012	1	11 2	4	3	20	
6/11/2012	1	12 2	5	12	14	
6/12/2012	1	10 2	3	12	7	
6/13/2012	1	13 2	6	19	3	
6/14/2012	2	25 2	8	22	1	
6/15/2012	1	15 2	8	23	2.5	
6/16/2012	1	11 2	4	24	0	
6/17/2012	1	11 2	4	24	0	
6/18/2012	1	11 2	4	24	0	
6/19/2012	1	12 2	5	20	2	
6/20/2012	1	11 2	4	20	2	
6/21/2012	1	11 2	4	24	0	
6/22/2012	1	11 2	4	24	0	
6/23/2012	1	11 2	4	22	0	
6/24/2012	1	11 2	4	22	0	
6/25/2012	1	11 2	4	22	0	
6/26/2012	1	11 2	4	22	0	
6/27/2012	1	11 2	4	22	0	
6/28/2012	1	11 2	4	22	0	
6/29/2012	1	11 2	4	22	0	
6/30/2012	1	10 2	3	22	0	
7/1/2012					0	

Total