KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		سيسم بعسر			(See Insti	ruct	ions on Re	verse Side	9)						
qO 🔲	en Flow	ASI	-		Took Date					A.D.	No 15					
	liverabilt				Test Date 6/2/201						No. 15 -20530-00	00				
Company		ources, Ir	ıc.		_	_		Lease Leonard	i				44-29	Well Nu	mber	
			Section 29					RNG (E/W) 39W			Acres Attributed 80		ttributed			
Field Goodan	d _				Reservoir Niobrara						thering Conr Systems Ir		n			
Completion 6/6/08	on Date				Plug Bac 1295'	k Total D	ept.	h		Packer	Set at					
Casing S 2 7/8"	ize		Veight .5#		Internal [2.441	Internal Diameter Set at 2.441 1295'			Perforations 1078'			то 1108′				
Tubing Si	ize	v	Veight		Internal I	Internal Diameter Set at			at	Perf	orations		То		_	
		(Describe) entional)			Type Flui DryGa		tion	 1		Pump U flowin	nit or Travelin	g Plu	inger? Yes	(No)		
Producing		Annulus /	Tubing)		% C	arbon Di	ioxio	de		% Nitro	jen	_	Gas Gr	avity - (à,	
Vertical D							ress ang	sure Taps	_	_ -				Run) (P	over) Size	
Pressure	Buildup:	Shut in	6-1	2	 0_15_at_1			(AM) (PM)	Taken_6-	2		15		(AM) (PM)	
Well on L	ine:	Started	6-2	2	0 15 at 1			(PM)			20			(AM)(PM)	
						OBSER		D SURFACI	DATA			Dur	ation of Shut-	24	Hours	
Static / Orifice Dynamic Size Property (inches)		Prover I	Circle one: Pressure Meter Differential Prover Pressure in		Flowing Temperature	Flowing Well Head Temperature Temperature		Casing Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)			Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	(11101100	" psig	(Pm)	inches H ₂ 0				psig 24	psia 38.4	psig	psia	-				
Flow		 -				}		6	20.4		 - -	24	 -	0		
		<u> </u>				FLOW S	TR	EAM ATTR	IBUTES	l-		1		' <u> </u>		
Plate Coeffied (F _b) (F Mcfd	ient	Circle one: Meter or Prover Press psia		Press Extension	Grav Faci	tor	Ti	Flowing emperature Factor F _{ft}	Fa	iation ctor	Metered Flo R (Mcfd)	w	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
_						_		-			21					
(D \2 =	•	. /1	. \2 _		•	• •	LIVE	ERABILITY	CALCUL		<u> </u>		(P _a) ² (P _d)	²= 0.2		
$(P_c)^2 = $ $(P_c)^2 - (P_c)^2 - ($	P _a) ²	(P _e) ² - (P _w)	2	oose farmula 1 or 2. 1. P _c ² - P _a ² 2. P _c ² - P _d ² ided by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide	P _c ² -P _w ²	7	Backpre Slop As:	ssure Curve to = "n" to or signed ard Slope	n x			Antilog	Op Deli Equals	en Flow verability R x Antilog Mcfd)	
Open Flor				Mcfd @ 14.				Deliverab					d @ 14. <u>65 psi</u>			
	•		•	report is true	• • • • • • • • • • • • • • • • • • • •			•			,	ort a	nd that he ha		edge of 20 <u>15 </u>	
								VICHIT			mill		Mail	tel		
		Wi	tness (if ar	tgi								oompa			· 	
		Fo	r Commiss	íon		APR	U	7 2016			Ch	ecked I	ру			

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I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Ruíe 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 44-29
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: 12/22/15
KCC WICHITA Signature: Cannul Martiny Title: Production Assistant RECEIVED

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.

W2583 Leonard 44-29 North Goodland Goodland None June-15

	Casing			HR	s	REMARKS
DATE	PSI	STATIC	MCF	DO	WN	(Maximum length 110 characters)
6/1/2015	24	36		0	24	
6/2/2015	24	37		0	24	
6/3/2015	17	30		35	0	
6/4/2015	13	26		35	0	
6/5/2015	12	25		31	0	
6/6/2015	11	24		29	0	
6/7/2015	10	23		28	0	
6/8/2015	9	22		27	0	
6/9/2015	9	22		27	0	
6/10/2015	8	21		26	0	
6/11/2015	8	21		27	0	
6/12/2015	8	20		26	0	
6/13/2015	8	21		22	4	
6/14/2015	8	20		25	0	
6/15/2015	8	20		26	0	
6/16/2015	6	20		25	0	
6/17/2015	6	20		24	0	
6/18/2015	6	19		25	0	
6/19/2015	6	19		22	0	
6/20/2015	6	20		21	1	
6/21/2015	6	19		23	0	
6/22/2015	6	19		22	0	
6/23/2015	6	19		22	0	
6/24/2015	6	19		22	0	bp
6/25/2015	6	20		19	2	
6/26/2015	6	19		22	0	
6/27/2015	6	19		22	0	
6/28/2015	6	19		22	0	
6/29/2015	6	19		22	0	
6/30/2015	6	19		22	0	
7/1/2015		0		0	0	

Total 699

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W2583

North Goodland

Goodland

None

July-14

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
7/1/2014		6	19	20	0	-
7/2/2014		6	19	21	0	
7/3/2014		6	19	20	0	
7/4/2014		6	19	20	0	
7/5/2014		6	19	19	0	
7/6/2014		6	19	20	0	
7/7/2014		6	19	21	0	
7/8/2014		6	19	20	0	
7/9/2014		6	19	20	0	
7/10/2014		6	19	21	0	
7/11/2014		6	19	20	0	
7/12/2014		6	19	20	0	
7/13/2014		6	19	20	0	
7/14/2014		6	19	19	0	
7/15/2014		7	20	15	6	
7/16/2014		7	20	18	0	
7/17/2014		8	21	18	0	
7/18/2014		8	21	18	0	
7/19/2014		8	21	18	0	
7/20/2014		8	21	18	0	
7/21/2014		8	21	18	1	
7/22/2014		8	21	19	0	
7/23/2014		8	21	15	3	·
7/24/2014		8	21	20	0	
7/25/2014		8	21	19	0	
7/26/2014		8	21	19	0	
7/27/2014		7	20	19	0	
7/28/2014		8	21	13	9	
7/29/2014		8	21	20	0	
7/30/2014		7	20	20	0	
7/31/2014		7	20	20	1	

Total 588

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W2583 Leonard 44-29

North Goodland

Goodland

None

Total

August-14

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
8/1/2014		7	20	19	2	
8/2/2014		7	20	21	0	
8/3/2014		7	20	21	0	
8/4/2014		7	20	20	0	
8/5/2014		7	20	21	0	
8/6/2014		7	20	21	0	
8/7/2014		7	20	19	0	
8/8/2014		7	20	20	0	
8/9/2014		7	20	20	0	
8/10/2014		7	20	20	0	
8/11/2014		6	19	19	0	
8/12/2014		6	19	19	0	
8/13/2014		6	19	19	0	
8/14/2014		6	19	19	0	
8/15/2014		6	19	19	0	
8/16/2014		6	19	18	0	
8/17/2014		6	19	18	0	
8/18/2014		6	19	19	0	
8/19/2014		6	19	21	0	
8/20/2014		6	19	21	0	
8/21/2014		6	19	21	0	
8/22/2014		6	19	21	0	
8/23/2014		6	19	21	0	
8/24/2014		6	19	21	0	
8/25/2014		6	19	20	0	
8/26/2014		6	19	20	0	
8/27/2014		6	19	20	0	
8/28/2014		6	19	20	0	
8/29/2014		6	19	20	0	
8/30/2014		6	19	20	0	
8/31/2014		6	19	20	0	

618

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