KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(See Instructi	ions on Re	verse Side)					
Op	en Flow	B SL						4.01	Na 45				
Del	Deliverability Test Date: 9/22/11					API No. 15 181-20530-00 - ©							
Company		urces, Inc.				Lease Leonard	i				44-29	Well Nu	mber
County Location Sherman SESE/4			Section 29			TWP RNG (E/W) 7S 39W			Acres Attributed 80				
Field Goodand		 -	Reservoir Niobrara				Gas Gathering Conn Branch Systems In						
Completion Date 6/6/08			Plug Bac 1295'	k Total Dept	h	Packer Set at		et at					
Casing Size Weight 2 7/8" 6.5#		t t	Internal Diameter 2.441		Set at 1295'		Perforations 1078'		то 1108'				
Tubing Size Weight NONE		ì	internal Diameter		Set at		Perforations		-	То	_		
Type Con Single (· · · · · · ·	Type Flui DryGa	d Production)		Pump Un	It or Traveling	Plunge	r? Yes	(No)	.
Producing	Thru (A	nnulus / Tubing	I)	% C	arbon Dioxid	de .		% Nitrog	en	-	Gas Gr	avity - G	ì,
Annulus	3										.6		
Vertical D 1310'	epth(H)		-		Press Flang	sure Taps 30				-	(Meter F 2"	Run) (Pr	over) Size
Pressure	Buildup:		. 4	o 11 at 1		(PM)	Taken 9-	22	20		11:40	- (AM) PM)
Well on L	ine:	Started 9-2	2	0 <u>11</u> at <u>1</u>	1:40	(AM)(PM)	Taken 9-	23	20	11 at	12:25	(AM)(PM)
					OBSERVE	D SURFAC	E DATA			Duratio	n of Shut-	n_24	Hours
Static / Dynamic Property	Dynamic Size		Pressure Differential re in	Flowing Well Head Temperature		Casing Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P_u) or (P_t) or (P_e)		Duration (Hours)			l Produced Jarrels)
Shut-In		psig (Pm)	Inches H ₂ 0			11	25.4	paig	psia				
Flow						8	22.4			24		0	
,					FLOW STR	EAM ATTR	IBUTES						
Plate Coefflect (F _b) (F Mcfd	lent ,) P	Circle one: Meter or rover Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor T	Flowing emperature Factor F ₁ ,	Fa	dation actor F	Metered Flor R (Mcfd)	w	GOR (Cubic Fe Barrel)	eV	Flowing Fluid Gravity G _m
									22				
(P _c) ² =	:	(P _*) ² =	:	(OPEN FL	OW) (DELIV) CALCUL 2 - 14.4) +		:		(P _a):	² = 0.20 ² =	07
(P _e) ² - (F		(P _c)² - (P _w)²	Choose formula 1 or 2 1. $P_c^2 - P_c^2$ 2. $P_c^2 - P_c^2$ divided by: $P_c^2 - P_c^2$	LOG of formula 1. or 2. and divide	P.*- P.*	Backpre Slo As	ssure Curve pe = 'n' - orsigned ard Slope	n x l		Ar	atilog	Op Deli Equals	en Flow verability R x Antilog Mctd)
Open Flo	•		Mcfd @ 14.			Deliverat		li sh			14.65 psl		
	_	- ·	n behalf of the aid report is true			•		_	ecember	or and t	nat ne na		11
		Witness (i	rany)	_		-		Ta	rneli	Company	Ell	JU	<u>ر</u>
						-						R	ECEIVE
		For Comm							Che	cked by		A 6	

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	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the foreg correct to the best of equipment insta I hereby reque	oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Least a one-year exemption from open flow testing for the Leonard 44-29 bounds that said well:
_	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
	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.

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KCC WICHITA

W2583 Leonard 44-29 North Goodland Goodland None September-11

	Casing			I	IRS	REMARKS
DATE	PSI	STATIC	MCF	I	OOWN	(Maximum length 110 characters
9/1/2011	10	23	}	20	0	
9/2/2011	11	l 24	ļ	8	12	
9/3/2011	12	2 25	;	22	0	
9/4/2011	11	l 24	,	22	0	
9/5/2011	11	l 24	ļ	22	0	
9/6/2011	10	23	\$	22	0	
9/7/2011	10) 23	}	23	0	
9/8/2011	ğ	22	!	25	0	
9/9/2011	ģ	22	<u>!</u>	22	0	
9/10/2011	g	22	!	22	0	
9/11/2011	ç	22	!	22	0	
9/12/2011	ç	22	!	22	0	
9/13/2011	g	22	!	22	0	
9/14/2011	ç	22	!	22	0	
9/15/2011	ç	22	<u> </u>	22	0	cal
9/16/2011	ģ	22	!	19	0	
9/17/2011	g	22	}	22	0	
9/18/2011	ç	22	}	22	0	
9/19/2011	g	22	!	22	0	
9/20/2011	ç	22		22	0	
9/21/2011	8	3 21		23	0	shut in
9/22/2011	8	3 21		0	24	opened up
9/23/2011	11	. 24	ļ	19	2.5	
9/24/2011	10	23		14	15	
9/25/2011	11	24	ļ	24	0	
9/26/2011	10	23		22	0	
9/27/2011	10) 23		21	2	
9/28/2011	9	22		24	0	
9/29/2011	10	23	}	21	0	
9/30/2011	10	23	;	21	2.5	
10/1/2011	C) 0	1	0	0	

Total 614

W2583 Leonard 44-29 North Goodland Goodland None October-11

	Casing			HRS	\Box	REMARKS
DATE	PSI	STATIO	C MCF	DOWN		(Maximum length 110 characters)
10/1/2011		9	22	24	0	
10/2/2011		8	21	24	0	
10/3/2011		8	21	23	0	
10/4/2011		8	21	23	0	
10/5/2011		8	21	22	0	
10/6/2011		8	21	24	0	
10/7/2011		8	21	23	0	
10/8/2011		8	21	22	0	
10/9/2011		8	21	24	0	
10/10/2011		8	21	24	0	
10/11/2011		8	21	23	0	
10/12/2011		8	21	22	0	
10/13/2011		8	21	23	0	
10/14/2011		8	21	22	0	
10/15/2011		8	21	23	0	
10/16/2011		8	21	24	0	
10/17/2011		8	21	22	0	
10/18/2011		8	21	22	0	
10/19/2011		8	21	22	0	
10/20/2011		7	20	23	0	
10/21/2011		8	21	20	2	
10/22/2011		8	21	22	0	
10/23/2011		8	21	22	0	
10/24/2011		8	21	22	0	
10/25/2011		9	22	18	2	
10/26/2011		8	21	22	0	
10/27/2011		8	21	22	0	
10/28/2011		8	21	22	0	
10/29/2011		8	21	22	0	
10/30/2011		8	21	22	0	
10/31/2011		8	21	22	0	

Total 695

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KCC WICHITA

W2583 Leonard 44-29 North Goodland Goodland None November-11

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
11/1/2011		8	21	22	0	
11/2/2011		8	21	21	0	
11/3/2011		8	21	22	0	
11/4/2011		8	21	21	0	
11/5/2011		8	21	21	0	
11/6/2011		8	21	21	0	
11/7/2011		7	20	21	0	
11/8/2011		7	20	21	0	bp
11/9/2011		7	20	22	0	
11/10/2011		7	20	23	0	
11/11/2011		8	21	23	0	
11/12/2011		7	20	21	0	
11/13/2011		8	21	21	0	
11/14/2011		7	20	21	0	
11/15/2011		7	20	21	0	
11/16/2011		7	20	21	0	
11/17/2011		7	20	22	0	
11/18/2011		7	20	21	0	
11/19/2011		8	21	20	0	
11/20/2011		8	21	21	0	
11/21/2011		8	21	21	0	
11/22/2011		8	21	21	0	
11/23/2011		8	21	22	0	
11/24/2011		8	21	21	0	
11/25/2011		8	21	21	0	
11/26/2011		8	21	21	0	
11/27/2011		7	20	20	0	
11/28/2011		7	20	21	0	
11/29/2011		7	20	21	0	
11/30/2011		7	20	21	0	
12/1/2011		0	0	0	0	

Total 637