KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:	6.1	m		(See Instruc	tions on Re	verse Side)					
Or	en Flo	w 🏻	DY		Test Date	a.			ΔĐI	No. 15				
De	eliverab	ilty			3/1/2012					-20532-00 0	٥			
Company		sour	ces, Inc.				Lease Kemper	r		· · · · · · · · · · · · · · · · · · ·		21-34	Vell Nu	mber
County Location Sherman NENW/4					Section 34				RNG (E/W) 40W			Acres Attributed		
Field Goodan	ıd		 .			Reservoir Niobrara			Gas Gathering Connection Branch Systems Inc.			JAN 0 3 20		
Completi 6/18/08		te			Plug Bac 1296'	k Total Dep	th	Pack		Packer Set at		JAN 0:		JAN (13 2
Casing Size Weight				Internal D 2.441	Diameter	Set at 1296'		Perforations 1106'			To 1136'	K	CC Mich	
Tubing Size Weight NONE				Internal [Diameter	Set	Set at		Perforations		То		oc MICH	
Type Cor Single					Type Flui DryGa	d Productio S	n		Pump Ur	nit or Traveling	Plunger	? Yes	(No)	
_	•		nulus / Tubii	ng)	· · · · · · · · · · · · · · · · · · ·	arbon Dioxi	ide		% Nitrog	en		Gas Gra	avity - C	3 ,
Annulu	S											.6		
Vertical I	Depth(F	H)				^{Pres} Flan	sure Taps Ge					(Meter F 2"	Run) (Pi	rover) Size
Pressure	Buildu	•	Shut in		12 at 2		(AM) PM				12 _{at}			AM (PM)
Well on L	Line:		Started 3-	1	12 at 2	:30	(AM)(PM)	Taken 3-	2	20	12 _{at}	3:15	. (AM)(PM)
						OBSERVE	D SURFAC	E DATA			Duration	of Shut-i	n_24	Hours
Static / Dynamic	namic Size Prover Pressure in		Differential	al Temperature Temperature		Casing Wellhead Pressure (P_) or (P ₁) or (P _c)		Wellhe	.,				iid Produced (Barrels)	
Property	(incr	108)	psig (Pm) Inches H ₂ 0	t	t	psig	psla	psig	psia				
Shut-In							8	22.4			l			
Flow							5	19.4			24		0	
				<u> </u>		FLOW STE	REAM ATTR	RIBUTES						
Plate Coefficient (F _b) (F _p) Mcfd Circle one: Meter or Prover Press: psia		ver Pressure	Press Extension ✓ P _m x h	Fac	Gravity Factor F		Deviation Factor F _{pv}		Metered Flow R (Mcfd)	v	GOR (Cubic Fee Barrel)	e V	Flowing Fluid Gravity G _m	
										13				
(P _c) ² =		,	(P _w) ²		_	OW) (DELIV		/) CALCUL P _a - 14.4) +					? = 0.2 ? =	07
(' c) -		· 	(, *)	Choose formula 1 or	P _d =	<u> </u>			1	·		, (1 g)		
(P _c) ² - (P _a) ² or (P _c) ² - (P _a) ²				1. P _c ² -P _a ² 2. P _c ² -P _c ²	LOG of formula 1. or 2.		Backpressure Curve Slope = "n" or		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog	
(r' _e)-* ((1 ⁻ d) ⁻			divided by: P _c ² - P	and divide	P ₆ ² - P ₄ ²		ssigned dard Slope						(Mcfd)
	·													
Open Flo	ow_	•		Mcfd @ 14	l.65 psia		Deliverat	bility			Mcfd @	14.65 psi	a	
The		sianed	authority,	on behalf of the	Company,	states that h	ne is duly a	uthorized to	o make th	ne above repo	ort and th	at he ha	s know	ledge of
	unders						_	0	Г	lacambar				10
the facts s		•	n, and that	said report is tru	e and correc	t. Executed	this the . ?		_	ecember			, '	20 12
the facts :		•	n, and that		e and correc	t. Executed	this the		day of _	A .	Company	lw	U	20 12

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KCC WICHITA

	r 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.
	ping 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
	lation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby reque	st a one-year exemption from open flow testing for the Kemper 21-34
gas well on the gro	unds 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
	to supply to the best of my ability any and all supporting documents deemed by Commissic to corroborate this claim for exemption from testing.
Date: 12/20/12	

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.

W2584
Kemper 21-34
South Goodland
Goodland
None
March-12

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	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
3/1/2012		3 21		0 24	left shut in after replacing o ring
3/2/2012		5 18	1	4 0)
3/3/2012	3	16	1	6 0)
3/4/2012	3	3 16	1	5 0)
3/5/2012	3	3 16	1	5 0)
3/6/2012	:	16	1	4 0)
3/7/2012	•	3 16	1	3 0)
3/8/2012	3	3 16	1	4 0)
3/9/2012	2	2 15	1	3 0	cal
3/10/2012		3 16		8 0)
3/11/2012	(3 16	1	3 0)
3/12/2012		3 16	1	3 0)
3/13/2012		3 16	1	3 0)
3/14/2012	2	2 15	1	4 0)
3/15/2012	2	2 15	1	4 0)
3/16/2012	7	2 15	1	3 0)
3/17/2012		3 16	1	3 0)
3/18/2012	<u>'</u>	3 16	1	3 0)
3/19/2012		2 15	1	2 0)
3/20/2012	2	2 15	1	3 0)
3/21/2012	-	3 16	1	2 0)
3/22/2012	;	3 16	1	3 0)
3/23/2012		3 16	1	3 0)
3/24/2012		3 16	1	3 0)
3/25/2012		3 16	1	3 0)
3/26/2012	:	3 16	1	3 0)
3/27/2012		3 16	1	3 0)
3/28/2012		3 16	1	3 0)
3/29/2012	:	3 16	1	3 0)
3/30/2012		3 16	1	3 0)
3/31/2012	;	3 16	1	3 0)

Total

W2584 Kemper 21-34 South Goodland Goodland None April-12

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

392

Total

W2584 Kemper 21-34 South Goodland Goodland None May-12

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JAN 0 3 2013

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

Total 394