KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:	_			C	See Instruct	ions on Re	verse Side	9)				
Open Flow				Total Balan				451	N. 45				
Deliverability			Test Date: 4/21/2011				API No. 15 181-20506-00 ~ ©						
Company					7/21/20	<u> </u>	Lease	_ ·				We	Il Number
Rosewoo		ourc	es, Inc.				Townse	end			4	44-06	
County Location				Section			TWP RNG (E/W)			•		res Attributed	
Sherman SESE/4				6		98	9S 40W				80		
Field Goodand	<u> </u>		. <u> </u>		Reservoir Niobrara			Gas Gathering Conr Branch Systems Ir					
Completic 5/25/200				<u> </u>	Plug Back Total Depth 1253'				Packer S	Set at			·
Casing Si 4 1/2"	ize		Welght 10.5#		Internal Diameter 4.052			Set at 1253'		Perforations 1140		то 1170'	
Tubing Si	ze		Weight		Internal E	Diameter	Set	Set at Perforations		rations	٦	Го	_
Type Con Single (Type Fluid Production Dry Gas				Pump Unit or Traveling Plur flowing			Yes	No
Producing	Thru ((Annı	lus / Tubing)	% 0	arbon Dioxi	de	 			Gas Gravity - G		
Annulus	;											.6	
Vertical D 1264'	epth(H))			Pressure Taps Flange							(Meter Run) (Prover) Size 2"	
Pressure	Buildup): S	hut in _4-20)2	20 .11 at 1:20 (AM) (PM) Taken 4			Taken 4	-21 20 11 at			:45	(AM) (PM)
Well on Li	ine:	s	tarted <u>4-21</u>	2	20 11 at 1:45 (AM) PM Taken 4-					20	11 at 2	:20	(AM)(PM)
						OBSERVE					Duration o	f Shut-in .	24 Hours
Static / Orifice Circle one: Dynamic Size Property (Inches) Circle one: Matar Prover Pressure			Flowing Well Head Temperature		Casing Wellhead Pressure $(P_w) \text{ or } (P_1) \text{ or } (P_c)$		Tubing Wellhead Pressure (P_w) or (P_1) or (P_6)		Duration Li (Hours)		Liquid Produced (Barrels)		
Shut-In		-	psig (Pm)	Inches H ₂ 0			psig 1	15.4	psig	psia			
Flow			<u></u>				2	16.4			24		0
						FLOW STR	EAM ATTE	RIBUTES					
Plate Circle one: Coefficient Meter or (F _b) (F _p) Prover Pressure psia		Press Extension P _m xh	Fac	Gravity To		Fa	Deviation Me Factor F _p ,			GOR Cubic Feet/ Barrel)	Flowing Fluid Gravity G		
										6			
					/ODEN EL	OW) (DELIV	EDADII IT	······································	ATIONS				
(P _o) ² =			(P _*)² =_		•			•				(P _a) ² = (P _d) ² =	0.207
(,		• •		choose formula 1 or 2	P _e =			P _a • 14.4) +	T	<u>:</u>			
(P _e) ² - (F or (P _e) ² - (F	P.)* P.)*	(P _c)°- (P _w)°	1. P _a - P _a 2. P _a 2. P _a 2. P _a 3. P _a 4	LOG of formula 1, or 2, and divide	P.*. P.*	Šk	essure Curve ope = "n" or ssigned	a nx	LOG	Antilo	,g E	Open Flow Deliverability quals R x Antilog (McId)
_,	\dashv			tivided by: P. P.	by:	<u>r, 1</u>	Stane	dard Slope					(
				·									
Open Flor	w	•		Mcfd @ 14.	65 psia		Delivera	hilltv			Mold @ 14		
			and backs		· ·								
				behalf of the						ecember	rt and that	i ne nas i	, 20 <u>11 .</u>
					<u>.</u>				Xel	rall	Ó	104	ω
			Witness (If								Company	F	RECEIVED
			For Commi	ssion						Cher	cked by	_	

APR 2 4 2012

exer and corr of ea	I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request mpt status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. that the foregoing pressure information and statements contained on this application form are true and rect to the best of my knowledge and belief based upon available production summaries and lease records quipment 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 Townsend 44-06 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 f as necessary to corroborate this claim for exemption from testing.
Date	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.

RECEIVED
APR 2 4 2012
KCC WICHITA

W2438
Townsend 44-06!
South Goodland
Goodland
None
April-11

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

Total 184

W2438
Townsend 44.06 '.
South Goodland
Goodland
None
May-11

	Casing		HR	s	REMARKS
DATE	PSI	STATIC MCI	F DO	WN	(Maximum length 110 characters)
5/1/2011		1 14	6	0	
5/2/2011		1 14	6	0	
5/3/2011		1 14	6	0	
5/4/2011		1 14	6	0	
5/5/2011		1 14	7	0	
5/6/2011		1 14	6	0	
5/7/2011		1 14	6	0	
5/8/2011		1 14	6	0	
5/9/2011		2 15	6	0	
5/10/2011		1 14	6	0	
5/11/2011	:	2 15	6	0	
5/12/2011		1 14	6	0	
5/13/2011		1 14	6	0	
5/14/2011		1 14	6	0	
5/15/2011		1 14	6	0	
5/16/2011		1 14	6	0	
5/17/2011		1 14	6	0	
5/18/2011		1 14	6	0	
5/19/2011		1 14	6	0	
5/20/2011		1 14	6	0	
5/21/2011		1 14	6	0	
5/22/2011		1 14	6	0	
5/23/2011		1 14	6	0	
5/24/2011		1 14	6	0	
5/25/2011		1 14	6	0	
5/26/2011		1 14	6	0	
5/27/2011		1 14	6	0	
5/28/2011		1 14	6	0	
5/29/2011		1 14	6	0	
5/30/2011		1 14	6	0	
5/31/2011		1 14	6	0	

Total 187

RECEIVED
APR 2 4 2012
KCC WICHITA

W2438 Townsend 44-061

South Goodland

Goodland

None

June-11

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
6/1/2011		1 14	ļ	6 (0
6/2/2011		1 14	1	6	0
6/3/2011		2 15	j	6 (0
6/4/2011		1 14	ļ	6 (0
6/5/2011		1 14	ļ	6 (0
6/6/2011		2 15	;	6 (0
6/7/2011		2 15	i	6 (0
6/8/2011		1 14	ļ	7 (0
6/9/2011		1 14	}	7 (0
6/10/2011		1 14	ļ	6 (0
6/11/2011		1 14	\$	6 (0
6/12/2011		1 14	1	6 (0
6/13/2011		1 14	l	6 (0
6/14/2011		2 15	5	6 (0
6/15/2011		1 14	!	6	0
6/16/2011		1 14	;	6 (0
6/17/2011		1 14	ļ	7 (0
6/18/2011		1 14	ļ	6	0
6/19/2011		1 14	}	7 (0
6/20/2011		1 14	ļ.	7 (0
6/21/2011		1 14	1	6 (0
6/22/2011		1 14	1	6	0
6/23/2011		1 14	1	6	0
6/24/2011		1 14	1	6	0
6/25/2011		2 15	;	6 (0
6/26/2011		2 15	5	6	0
6/27/2011		2 15	5	6	0
6/28/2011		2 15	5	6	0
6/29/2011		1 14	ļ.	6	0
6/30/2011		3 16	5	5 :	5
7/1/2011		0 ()	0	0

Total 184