KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		B ST		(See Instruct	tions on Re	verse Side)					
	en Flow liverabilty	_ , _		Test Date 4/13/11) :				No. 15 -20498-01	· (X)			
Company		urces, Inc.				Lease Chatfiel	d			41-18	Well Nu	ımber	
			Section 18				RNG (E/ 39W	W)		Acres Attributed 80			
Field Goodlan	ď			Reservoi Niobrari				Gas Gathering Connection Branch Systems Inc.					
Completic 3/17/200				Plug Bac 3208'	k Total Dept	th		Packer S	et at				
Casing Size Weight 4 1/2" 10.5#			Internal (4.000	Diameter	Set 8		Perfor	ations	то 3156'				
			Internal Diameter Set at			Perfor	rations	То	То				
Type Con Single (•		Type Flui Dry Ga	d Production	n		Pump Un Flowin	it or Traveling g	Plunger? Yes	No)	
Producing Thru (Annulus / Tubing) Annulus Vertical Depth(H)			g) - · -	% C	Carbon Dioxi	ide sure Taps		% Nitrog	% Nitrogen Gas Gravity .6			G _g	
3215'					Flan	ge	 -			2"			
Pressure Well on L		Shut in 4-1 Started 4-1	2 3 ₂₀	0.11 at 4 0.11 at 4	:05 :25	(AM) (PM)	Taken 4-	13 14	20	11 at 4:25 11 at 5:05		(AM)(PM)	
											24		
Static / Dynamic Property	Dynamic Size		Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₀)		Duration of Shut Duration (Hours)	Liqu	n Hours Liquid Produced (Barrels)	
Shut-In		psig (Pm)	mends 1120			psig 15	29.4	psig	psla				
Flow						13	27.4			24	0		
		Circle con	Γ		FLOW STR	REAM ATTR	IBUTES	1	<u>.</u>			T	
Plate Coeffictient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia Prover Pressure		Gravity Factor F _a		Flowing Temperature Factor F _{rt}	Pactor Factor		Metered Flow R (Mcfd)	y GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
									20				
(P _c) ² =	_ :	(P _w) ² =	·:	(OPEN FL	OW) (DELIV) CALCUL P _e - 14.4) +		:	(P _a)) ² = 0.2	207	
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²		(P _c) ² - (P _w) ² 1. P _c ² - 2. P _c ² - divided by: P _c		LOG of formula 1, or 2, and divide p 2, p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x tog		Antilog De	pen Flow liverability s R x Antilog (Mcfd)		
			-										
Open Flor		od outbods -	Mcfd @ 14.		ntoto - Al 1	Deliverab	•	**		Mcfd @ 14.65 ps		ulada *	
			n benair of the aid report is true						e above repo ecember	rt and that he h		20 <u>11</u>	
						_		2ce	unell	Co	()	W_	
		Witness (<i></i>	- 	For C	cked by	RE(CEIVED	
		. 4 441111							VIII.				

APR 2 4 2012

	he laws of the state of Kansas that I am authorized to request ehalf of the operator Rosewood Resources, Inc.
and that the foregoing pressure information a correct to the best of my knowledge and belief of equipment installation and/or upon type of co	and statements contained on this application form are true and based upon available production summaries and lease records empletion or upon use being made of the gas well herein named. The open flow testing for the Chatfield 41-18H
gas well on the grounds that said well: (Check one)	
is a coalbed methane produ	
is cycled on plunger lift due	or to water or injection into an oil reservoir undergoing ER
	time; KCC approval Docket No.
	at a daily rate in excess of 250 mcf/D
I further agree to supply to the best of my staff as necessary to corroborate this claim fo	ability any and all supporting documents deemed by Commission rexemption from testing.
Date: _12/28/11	
Sigr	nature: Quint Gentle: 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.

W2344 Chatfield 41-18H North Goodland Goodland None April-11

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

Total 623

W2344 Chatfield 41-18H North Goodland Goodland None May-11

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

Total 585

W2344 Chatfield 41-18H North Goodland Goodland None June-11

	Casing			H	RS	REMARKS
DATE	PSI	STATIC	MCF	D	OWN	(Maximum length 110 characters)
6/1/2011	1	2 2:	5	18	0	
6/2/2011	1	3 20	5	18	3.5	
6/3/2011	1	2 2:	5	18	0	
6/4/2011	1	2 2:	5	18	0	
6/5/2011	1	2 25	5	18	0	
6/6/2011	1	5 28	3	16	7	
6/7/2011	1	3 20	5	18	0	
6/8/2011	1	3 20	5	18	0	
6/9/2011	1	2 25	5	18	0	
6/10/2011	1	2 2:	5	18	0	
6/11/2011	1	2 25	5	18	0	
6/12/2011	1	2 2:	5	18	0	
6/13/2011	1	2 2:	5	18	0	
6/14/2011	1	2 2:	5	18	0	bp
6/15/2011	1	2 2:	5	18	0	
6/16/2011	1	2 2:	5	18	0	
6/17/2011	1	2 2:	5	18	0	
6/18/2011	1	2 25	5	18	0	
6/19/2011	1	2 2:	5	18	0	
6/20/2011	1	2 2:	5	18	0	
6/21/2011	1	2 2:	5	18	2	
6/22/2011	1	3 20	5	17	2	
6/23/2011	1	2 2:	5	18	0	
6/24/2011	1	2 25	5	18	0	
6/25/2011	1	2 2:	5	18	0	
6/26/2011	1	2 2:	5	17	0	
6/27/2011	1	3 20	5	17	0	
6/28/2011	1	2 2:	5	18	0	
6/29/2011	1	2 2:	5	17	0	
6/30/2011	1	2 2:	5	17	0	
7/1/2011		0 ()	0	0	

Total 533