Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:			(See Instruc	tions on Re	verse Side)				
Open Flow	ASI		To at Date				A DL I	do 45			
Deliverabil			Test Date 10/1/14);				vo. 15 -20402-00	00		
Company Rosewood Res	ources				Lease Trachs	el		<u> </u>	21-1	Well N	umber
County Location Sherman NE'NENW			Section 13		TWP 7S	••-	RNG (E/V 39W	V)		Acres Attributed 80	
Field Goodland			Reservoir Niobrara					ering Conn Systems In			
Completion Date 2/24/2006	•		Plug Bac 1145'	k Total Dep	th	-	Packer Se	et at	_		
Casing Size 2 7/8"	Weig 6.5#	ht	Internal D 2.441	Diameter	Set at 1146'		Perforations 996'		то 1028'		
Tubing Size none	Weig	ht	Internal I	Diameter	Set at		Perforations		То		
Type Completion Single (Conve		· <u> </u>	Type Flui	d Production	n		Pump Uni Flowing	t or Traveling	Plunger? Ye	s / (No)
Producing Thru	<u>*</u>	ng)	% C	arbon Dioxi	de		% Nitroge	n	Gas	Gravity -	G _g
Vertical Depth(H)				Pres Flan	sure Taps de		-	·		r Run) (I	Prover) Size
Pressure Buildup	: Shut in 9-3	30	14 at 8		(PM)	Taken_10)-1	20	14 _{at} 8:50		(AM))PM)
Well on Line:	•			20 14 at 8:50 (PM) Taken)-2	14 at 9:35		(AM)(PM)	
				OBSERVE	D SURFAC	E DATA			Duration of Sh	ut-in _24	Hours
Dynamic Size	Dynamic Size Proyer Pressure in		Flowing Well Head		Casing Wellhead Pressure (P_w) or (P_1) or (P_c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration 1.		uid Produced (Barrels)
Shut-In	psig (Pm)	Inches H ₂ 0	<u> </u>	<u> </u>	psig 7	psia 21.4	psig	psia			
Flow		_			5	19.4	<u> </u>		24	0	
	<u>'</u>			FLOW STR	REAM ATTR	RIBUTES					
Plate Coefficient (F _b) (F _p) Mctd Circle one: Meter or Extension Prover Pressure psia			Factor Ter		Flowing Temperature Factor	emperature Fact Factor F				R Feet/ el)	Flowing Fluid Gravity G _m
								4			
			•	OW) (DELIV		•				$(a_a)^2 = 0.$	
(P _c) ² =	_: (P _w)²:	Choose formula 1 or 2				P _c - 14.4) +				² _o) ² =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(P _c) ² - (P _w) ²	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Sic As	essure Curve ppe = "n" - or esigned dard Slope	n x L	og	Antilog	De	open Flow eliverability Is R x Antilog (Mcfd)
Open Flow			65 pela	_	Deliveral	-			Mcfd @ 14.65	nsia	
The undersign the facts stated the	_	on behalf of the said report is tru							ort and that he		, 20 <u>14</u> .
Interest III		E =	K	CC W] (Lui - 7)		and	M-	mait	ne	
	Witness	<u> </u>		FEB 2 3					Company	7	
	For Com	ımission		RECE				Che	cked by		

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule 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 Trachsel 21-13 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: _12/16/14
KCC WICHTA Signature: Senael Marting
FEB 2 3 2015 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.

W2264 Trachsel 21-13 North Goodland Goodland None September-14

1/3

	Casing				rs (REMARKS
DATE	PSI	STATIC	MCF	D	OWN	(Maximum length 110 characters)
9/1/2014		4 1	7	4	0	
9/2/2014		4 1	7	4	0	
9/3/2014		4 1	7	4	0	
9/4/2014		4 1	7	4	0	
9/5/2014		4 1	7	4	0	
9/6/2014		4 1	7	4	0	
9/7/2014		4 1	7	4	0	
9/8/2014		4 1	7	4	0	
9/9/2014		4 1	7	4	0	
9/10/2014		5 1	8	3	0	
9/11/2014		5 1	8	3	0	
9/12/2014		5 1	8	3	0	
9/13/2014		5 1	8	3	0	
9/14/2014		5 1	8	3	0	
9/15/2014		5 1	8	3	0.5	
9/16/2014		5 1	8	4	0	
9/17/2014		5 1	8	4	0	
9/18/2014		5 1	8	4	0.5	
9/19/2014		5 1	8	4	0	
9/20/2014		5 1	8	4	0	
9/21/2014		5 1	8	4	0	
9/22/2014		5 1	8	4	0	
9/23/2014		5 1	8	4	0	
9/24/2014		5 1	8	3	0	
9/25/2014		5 1	8	3	0	
9/26/2014		5 1	8	3	0	
9/27/2014		5 1	8	3	0	
9/28/2014		5 1	8	3	0	
9/29/2014		5 1	8	3	0	
9/30/2014		5 1	8	3	0	shut in for state
10/1/2014		0	0	0	0	opened up

Total 107

KCC WICHITA FEB 23 2015 RECEIVED

W2264 Trachsel 21-13 North Goodland Goodland None October-14

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

Total 110

KCC WICH!TA FEB 23 2015 RECEIVED

W2264 Trachsel 21-13 North Goodland Goodland None November-14

_ • • • •

Casing			HRS		REMARKS		
DATE	PSI	STATIO	MCF	DOWN		(Maximum length 110 characters)	
11/1/2014		5	18	3	0		
11/2/2014		5	18	3	0		
11/3/2014		5	18	3	0		
11/4/2014		5	18	3	0		
11/5/2014		5	18	3	0		
11/6/2014		5	18	3	0		
11/7/2014		5	18	3	0		
11/8/2014		4	17	4	0		
11/9/2014		4	17	4	0		
11/10/2014		4	17	4	0		
11/11/2014		4	17	4	0		
11/12/2014		4	17	4	0		
11/13/2014		4	17	2	0		
11/14/2014		4	17	4	0		
11/15/2014		4	17	3	0		
11/16/2014		4	17	2	0		
11/17/2014		4	17	3	0		
11/18/2014		4	17	3	0		
11/19/2014		4	17	5	0		
11/20/2014		4	17	5	0		
11/21/2014		4	17	4	0		
11/22/2014		4	17	5	0		
11/23/2014		4	17	4	0		
11/24/2014		4	17	4	0		
11/25/2014		4	17	4	1.5		
11/26/2014		4	17	4	0		
11/27/2014		4	17	4	0		
11/28/2014		4	17	4	0		
11/29/2014		4	17	4	0		
11/30/2014		4	17	4	0		
12/1/2014					0		

Total 109

KCC WICH:TA FEB 23 2015 RECEIVED