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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(-	See Instruct	ions on Re	verse Side	∍)				
Open I	Flow /	ØSIL.		Test Date	, .		*	API	No. 15			
Delive	rabilty			6/20/20				18	1-20337-00)		
Company Rosewood	Resou	rces				Lease D. Schi	elds			1	W 1-3	ell Number
County Location Sherman NESE			Section 3				RNG (E/W) 39W			A:	cres Attributed	
Field			Reservoir Niobrara	Reservoir				Gas Gathering Connection Branch Systems Inc.				
Completion Date			Plug Bach	Plug Back Total Depth				Set at				
Casing Size Weight 10.5#			Internal Diameter 4.052		Set at 1203'		prations	то 1012'				
Tubing Size	ibing Size Weight			Internal Diameter Set a			Perforations			Го		
Type Comple Single (Co				Type Flui	d Production	า	· <u> </u>	Pump U Flowir	nit or Traveling	Plunger?	Yes /	No
		nulus / Tubing)			arbon Dioxi	de	_	% Nitro	-		Gas Grav	vity - G _g
ertical Dept	th(H)				Pres	sure Taps				(un) (Prover) Size
1012' Pressure Bui	ildup:	Shut in 6-19		13 at 5		(AM) (PM)	Taken_6-	-20		13 _{at} 5		(AM(PM))
Well on Line:		Started 6-20		0 13 at 5	:10	(AM) (PM)	Taken 6	-21	20	13 at 6	:00	(AM) (PM)
					OBSERVE	D SURFAC	E DATA			Duration o	of Shut-in	24 Hours
Dynamic	namic Size Prover Pressure		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Temperature Temperature		(P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		on s)	Liquid Produced (Barrels)
Shut-In	·	paig (i m)	Inches 11 ₂ 0			psig 8	22.4	psig	psia			
Flow						6	20.4			24		0
					FLOW STR	EAM ATTR	RIBUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or over Pressure psia Press Extension P _m x h		Fac	Gravity Factor F _g		Deviation Factor F _{pv}		R (Cut		GOR Dubic Fee Barrel)	Flowing Fluid Gravity G _m
									7			
				(OPEN FL	OW) (DELIV		•					= 0.207
P _c) ² =	 :_	(P _w) ² =_	hoose formula 1 or 2	P _d =			P _c - 14.4) +	\neg	 :-		(P _d)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 ivided by: P _c ² -P _d	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slo As	essure Curve ppe = "n" or ssigned dard Slope	n x	LOG	Antilo	og	Open Flow Deliverability Equals R x Antilog (Mcfd)
							<u> </u>					
			Nasi O di	GE =='-		Deller	nilita -				I GE noi-	
Open Flow			Mcfd @ 14			Deliverat				Mcfd @ 14		
		d authority, on in, and that sai							he above repo November	rt and that	ne nas	, 20 <u>13</u>
	.							$\overline{}$	1/4/1/	1 111	10	For do 2
		Witness (if	any)		<u> </u>	-		ZÜ	MMAL For (/ <i>V /</i> Company	UG	KEE WICH
<u> </u>		For Commis	esion			-			Che	cked by		DEC 26 201

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exempt status under and that the forego correct to the best of of equipment instal I hereby reques	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. Soing 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 lation and/or upon type of completion or upon use being made of the gas well herein named. Set a one-year exemption from open flow testing for the D. Schields 1-3
gas well on the gro	unds that said well:
☐ ✓ I further agree	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.
Date: <u>11/26/13</u>	Signature: <u>Jan all Maiting</u>
	Title: 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.

MCC WICHITA
DEC 26 2013

RECEIVED

W419
D. Schields 1-3
North Goodland
Goodland
None
June-13

<u> </u>	Casing	<u></u>		HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
6/1/2013	•	5	18	7	0	
6/2/2013		5	18	7	0	
6/3/2013		5	18	7	0	
6/4/2013		5	18	7	0	
6/5/2013		5	18	7	0	
6/6/2013		5	18	7	0	
6/7/2013		5	18	7	0	
6/8/2013		5	18	7	0	
6/9/2013		5	18	7 .	0	
6/10/2013		5	18	7	0	
6/11/2013		5	18	7	0	
6/12/2013		5	18	8	0	
6/13/2013		5	18	8	0	
6/14/2013		5	18	7	0	
6/15/2013		5	18	7	0	
6/16/2013		5	18	7	0	
6/17/2013		5	18	7	0	
6/18/2013		5	18	7	0	
6/19/2013		5	18	8	0	shut in
6/20/2013		8	21	0	24	opened up
6/21/2013		5	18	8	0	
6/22/2013		5	18	8	0	
6/23/2013		5	18	8	0	
6/24/2013		5	18	8	0	
6/25/2013		6	19	7	0	
6/26/2013		6	19	7	0	
6/27/2013		6	19	7	0	
6/28/2013		6	19	7	0	
6/29/2013		6	19	7	0	
6/30/2013		6	19	7	0	
7/1/2013					0	

Total 210

W419
D. Schields 1-3
North Goodland
Goodland
None
July-13

	Casing			HRS		REMARKS		
DATE	PSI	STATIC	MCF	DOV	VN	(Maximum length 110 characters		
7/1/2013		5	18	8	0	cal		
7/2/2013		5	18	8	0			
7/3/2013		5	18	8	0			
7/4/2013		5	18	8	0			
7/5/2013		5	18	8	0			
7/6/2013		5	18	8	0			
7/7/2013		5	18	8	0			
7/8/2013		5	18	7	0			
7/9/2013		5	18	7	0			
7/10/2013		5	18	7	0			
7/11/2013		5	18	7	0			
7/12/2013		5	18	7	0			
7/13/2013		5 .	18	7	0			
7/14/2013		5	18	7	0			
7/15/2013		5	18	7	0			
7/16/2013		5	18	7	6.5			
7/17/2013		6	19	6	0			
7/18/2013		5	18	7	0			
7/19/2013		5	18	7	0			
7/20/2013		5	18	7	0			
7/21/2013		5	18	7	0			
7/22/2013		5	18	7	0			
7/23/2013		6	19	7	0			
7/24/2013		6	19	7	0			
7/25/2013		6	19	7	0			
7/26/2013		6	19	7	0			
7/27/2013		6	19	7	0			
7/28/2013		6	19	7	0			
7/29/2013		6	19	7	0			
7/30/2013		6	19	7	0			
7/31/2013		6	19	7	0			

Total 223