KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: cen Flow	85		(See Instruc	tions on Rev	erse Side	9)				
Deliverabilty					Test Date: API No. 15 6/2/2015 181-20487-01 00							
Company		ources, Inc.		0,2,201		Lease Nemech	 ek		20407 014	21-2	Well Nu 3H	ımber
County Location Sherman NENW			Section 23				RNG (E	W)		Acres Attributed 80		
Field Goodlan	nd			Reservoir Niobrara					hering Conn Systems In			
11/23/20			- -	Plug Bac 3207'	k Total Dep	oth 		Packer S	Set at			
4 1/2" 10.5#			4.000				Perfo 312	rations 1'		3136'		
Tubing Si	ize	Weight		Internal I	Diameter	Set at		Perfo	rations	То		
Type Con Single (Describe) nal)		Type Flui Dry Ga	d Production	n		Pump Ur Flowin	nit or Traveling	Plunger? Yes	s No	
Producing Annulus		nnulus / Tubing		% C	arbon Dioxi	ide		% Nitrog	en	Gas (aravity - (3,
Vertical D	Depth(H)	_			Pres Flan	sure Taps ge	_			(Mete	r Run) (P	rover) Size
Pressure	Buildup:	Shut in 6-1	2	0_15 at_1	:05	(AM)(PM)	Taken_6-	2	20	15 _{at} 1:15		(AM)(PM)
Well on L	ine:	Started 6-2	2	0 <u>15</u> at <u>1</u>	:15	(AM)(PM)	_{faken} <u>6-</u>	3	20	15 at 2:05	((AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shu	11-in_24	Hours
Static / Orifice Dynamic Size Property (inches) Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		ubing ad Pressure (P _t) or (P _c) psia	Duration (Hours)		d Produced Barrels)	
Shut-In			 				 51.4	psig	рыа	<u> </u>	_	
Flow						5	19.4			24	0	
					FLOW STR	REAM ATTRIE	BUTES					 1
Plate Coeffied (F _b) (F	ient	Circle one: Meter or Prover Pressure psia	Press Extension	Grav Fact F _a	tor	Flowing Temperature Factor F _{tt}	Fa	ation ctor	Metered Flow R (Mcfd)	w GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m
									6			
(P _c) ² =	:	(P,,,)2 =	;	(OPEN FLO		'ERABILITY)	CALCUL - 14.4) +		:		a)² = 0.2	07
(P _e) ² - (F	[(P _c) ² - (P _w) ²	hoose formula 1 or 2, 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_a^2$	LOG of formula 1, or 2, and divide	P _c ² - P _w ²	Backpress Slope	sure Curve = "n" or	ואמ	.og []	Antilog	Or Del Equals	en Flow iverability R x Antilog (Mcfd)
Open Flow	<u> </u> _		Mcfd @ 14,	65 psia		Deliverabili				Mcfd @ 14.65 p	sia.	
		ed authority, on			tates that h			make th				ledge of
	_	ein, and that sai				•			ecember			15
					ረ ር ር . ነ ለ	/ICHIT#		ZU		Mar	Tim	<i>y</i>
		Witness (if a	iny)		VOC AI	/ICHIT#				Company		
		For Commis	sion		APR U	7 2016 —			Chec	cked by		

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I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request	t							
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	i							
correct to the best of my knowledge and belief based upon available production summaries and lease records	3							
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 Nemechek 21-23H	-							
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 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 Commiss	ion							
staff as necessary to corroborate this claim for exemption from testing.								
Date: <u>12/22/15</u>								
Signature: Danuel Warting								
CHICHITA								
Title: Production Assistant								
APR 07 2016								
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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.

W2322 Nemechek 21-33H North Goodland Goodland None June-15

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters
6/1/2015	37	49	0	24	
6/2/2015	37	49	0	24	
6/3/2015	15	28	6	0	
6/4/2015	11	24	6	0	
6/5/2015	10	23	6	0	
6/6/2015	9	22	6	0	
6/7/2015	9	22	6	0	
6/8/2015	8	21	7	0	
6/9/2015	8	20	7	0	
6/10/2015	7	20	7	0	
6/11/2015	7	19	7	0	
6/12/2015	7	19	7	0	
6/13/2015	7	20	6	4	
6/14/2015	7	19	6	0	
6/15/2015	7	19	7	0	
6/16/2015	5	19	7	0	
6/17/2015	5	19	7	0	
6/18/2015	5	18	7	0	
6/19/2015	5	18	7	0	
6/20/2015	5	19	6	1	
6/21/2015	5	18	7	0	
6/22/2015	5	18	7	0	
6/23/2015	5	18	7	0	
6/24/2015	5	18	7	0	
6/25/2015	5	19	6	2	
6/26/2015	5	18	. 7	0	
6/27/2015	5	18	. 7	0	
6/28/2015	5	18	7	0	
6/29/2015	5	18	7	0	
6/30/2015	5		7	0	
7/1/2015		0	0	0	

Total 187

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W2322

North Goodland

Goodland

None

July-14

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

Total 181

KCC WICHITA APR 0.7 2016 RECEIVED W2322

Nemechek 21-36H

North Goodland

Goodland

None

August-14

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

Total 186

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