## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test			-			(-	See Instruc	tions on Re	verse Side	9)				
Ор	en Flo	w ·	\$SI			~ A D - 4 -				A D1	No. 45			
De	liverat	oilty				Test Date 7/31/14	):				No. 15 -20360-00 <b>0</b>	0		
Company		esou	rces					Lease Homest	ead		•	1-9	Well N	umber
County Shermar	n		Lo NEN	cation		Section 9		TWP 7S	-	RNG (E/	W)		Acres . 80	Attributed
Field Goodlan	ıd					Reservoir Niobrara					nering Conn Systems In			
Completic 9/29/200		te				Plug Bac 1211'	k Total Dep	th		Packer S	et at			
Casing Size Weight			Internal D 2.441	Diameter	Set a		Perfor	ations 3'	то 1056	 S'				
Tubing Si	ize		We	eight		Internal E	Diameter	Set a	ıt	Perfo	То			
Type Con Single (						Type Fluid	d Productions	n		Pump Un Flowin	it or Traveling	Plunger? Ye	s / (No	
Producing	g Thru			bing)			arbon Diox	ide		% Nitrog	<del>-</del>	Gas (	Gravity -	G <sub>g</sub>
Vertical D		H)				-	Pres	sure Taps			<del></del>		r Run) (F	rover) Size
1056'		•					Flan	ge				2"		
Pressure	Buildu		Snut in _		2	0_14_at_4:	15	(AM) (PM)	Taken_7-	31	20	14 at 4:25		(AM(PM))
Well on L	ine:		Started _	7-31	20	0 <u>14</u> at <u>4</u> :	:25	(AM)(PM)	Taken 8-	1	20	14 <sub>at</sub> 5:15		(AM)(PM)
							OBSERVE	D SURFAC	DATA			Duration of Shu	<sub>it-in</sub> _24	Hours
Static / Dynamic	Orif	ze	Circle o Mete Prover Pri	er .	Pressure Differential in	Flowing Temperature t	Well Head Temperature	Cas Weilhead (P_ ) or (P	Pressure	Wellhe	ubing ad Pressure (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration (Hours)		id Produced (Barrels)
Property Shut-In	(inct		psig (F	m)	Inches H <sub>2</sub> 0		ī	_psig	psia 23.4	psig	psia			
Flow								5	19.4			24	0	_
							FLOW STR	REAM ATTR	BUTES			•		
Plate Coeffieci (F <sub>b</sub> ) (F Mcfd	ient p)	Pro	Circle one: Meter or over Pressu psia	re	Press Extension	Grav Fact F <sub>g</sub>	tor	Flowing Temperature Factor F <sub>H</sub>	Fa	iation ctor e	Metered Flor R (Mcfd)	w GO (Cubic Barre	Feet/	Flowing Fluid Gravity G <sub>m</sub>
	_							<u>-</u>			8	_		
(P <sub>c</sub> ) <sup>2</sup> =		:	(P.,	)² =	:	•		/ERABILITY % (F	) CALCUL <sup>2</sup> 。- 14.4) +		:		$a^{2} = 0.2$ $a^{2} = 0.2$	207
(P <sub>c</sub> ) <sup>2</sup> - (F	P <sub>s</sub> )2		' <sub>c</sub> )²- (P <sub>w</sub> )²	Gho	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P.2 - P.2	Backpre Slop As	ssure Curve be = "n" or signed ard Slope	nxl	oce	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)
				-				<u> </u>		_			+	
Open Flor	w				Mcfd @ 14.	65 psia		Deliverab	ility	1		Mcfd @ 14.65 p	osia	
The u	unders	signe	authority	y, on t	ehalf of the	Company, s	states that h	ne is duly au			-	ort and that he	has knov	vledge of
the facts s	tated	therei	n, and tha	at said	report is true					day of D		111	La	20 14 .
			Witne	ess (if an	у)	KANSA	Recei S CORPORAT	ived TON COMMISS		Cent	W/ For	MOUT Company	we	4
			En- C	'ommina			FEB 2					ecked by		
			roft	Commissi	VII		, en er 6				une	cked by		

CONSERVATION DIVISION WICHITA, KS

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	joing 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
	allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Homestead 1-9
	ounds 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
<b></b>	is not capable of producing at a daily rate in excess of 250 mcf/D
_	e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 12/22/14	
KAN	Received ISAS CORPORATION COMMISSION Signature:    Conservation Division WICHITA, KS   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.

W406 Homestead 1-9 North Goodland Goodland None July-14

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN	1	(Maximum length 110 characters)
7/1/2014	<del>_</del>	5 1	8	8	0	
7/2/2014		5 1	8	8	0	
7/3/2014		5 1	8	8	0	
7/4/2014		5 1	.8	8	3	
7/5/2014		5 1	.8	8	0	
7/6/2014		5 1	.8	8	0	
7/7/2014		5 1	.8	8	0	
7/8/2014		5 1	8	7	0	
7/9/2014		5 1	8	7	0	
7/10/2014		5 1	.8	7	0	
7/11/2014		5 1	.8	7	0	
7/12/2014		5 1	.8	7	0	
7/13/2014		5 1	.8	7	0	
7/14/2014		5 1	. 8	7	0	
7/15/2014		5 1	8	7	3	
7/16/2014		5 1	8	7	0	
7/17/2014		4 1	.7	10	0	
7/18/2014		5 1	.8	7	0	
7/19/2014		5 1	. 8	7	0	
7/20/2014		5 1	8	7	0	
7/21/2014		5 1	8	7	0	
7/22/2014		5 I	8	7	0	
7/23/2014		5 1	.8	7	0	
7/24/2014		5 1	.8	7	0	
7/25/2014		5	.8	7	0	
7/26/2014		5 1	8	7	0	
7/27/2014		5 1	8	7	0	
7/28/2014		5 1	8	7	0	
7/29/2014		5 1	8	7	0	
7/30/2014		5 1	8	8	0	shut in for state
7/31/2014		9 2	22	0	24	opened up

Total

221

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W406 Homestead 1-9 North Goodland Goodland None August-14

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

Total 232

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W406 Homestead 1-9 North Goodland Goodland None September-14

	Casing			H	RS	REMARKS
DATE	PSI	STATIC	MCF	DO	OWN	(Maximum length 110 characters)
9/1/2014		5	18	8	0	<del>-</del>
9/2/2014		5 1	18	8	0	
9/3/2014		5	18	8	0	
9/4/2014		5	18	8	0	
9/5/2014		5	18	8	0	
9/6/2014		5	18	8	0	
9/7/2014		5 1	18	8	0	
9/8/2014		5	18	8	0	
9/9/2014		5	18	8	0	
9/10/2014		5	8 1	8	0	
9/11/2014		5	18	8	0	
9/12/2014		5	18	8	0	
9/13/2014		5	18	8	0	
9/14/2014		5	18	8	0	
9/15/2014		5	18	8	0.5	
9/16/2014		5	18	8	0	
9/17/2014		5	18	8	0	
9/18/2014		5	18	8	0.5	
9/19/2014		5	18	8	0	
9/20/2014		5	18	8	0	
9/21/2014		5	18	8	0	
9/22/2014		5	18	8	0	
9/23/2014		5	18	8	0	
9/24/2014		5	18	8	0	- N
9/25/2014		5	18	8	0	
9/26/2014		5	18	8	0	
9/27/2014		5	18	8	0	
9/28/2014		5	18	8	0	
9/29/2014		5	18	8	0	
9/30/2014		5	18	8	0	
10/1/2014	_				0	

Total 240

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