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

Type Test					(	See Instruc	tions on Rev	erse Side	<del>)</del> )					
Op	en Flo	w P	1SI											
Deliverabilty					Test Date: 6/30/14					API No. 15 181-20354-00 <b>00</b>				
Company Rosewo		esou	rces		<u></u>		Lease Topliff				1	-34	/ell Nur	nber
County Location Sherman SESW				Section 34				RNG (E/W) 40W			Acres Attributed 80			
Field Goodlan	nd			<u></u> :	Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.					
Completic 8/17/200		te			Plug Bac 1350'	Plug Back Total Depth				Set at				
Casing Size Weight			Internal I	Internal Diameter Set at 2.441 1346'			Perforations 1102'			o 136'				
Tubing S	ize		Weigh	nt .		Internal Diameter Set at			Perforations			o .		
Type Con Single (						d Production	n			nit or Traveling	g Plunger?	Yes /	(NO)	
Producing	g Thru		nulus / Tubing	g)		Dry Gas  % Carbon Dioxide				Flowing % Nitrogen			Gas Gravity - G	
Annulus Vertical D		<del></del>	<u>.</u>		-	Dree	sure Taps	_	_			6 Veter R	un) (Pr	over) Size
1136'	oepiii(t	'')				Flan	•				•	2"	a., , , , ,	<b>5101</b> ) GIZO
Pressure	Build	ıp:	Shut in 629	) 2	0_14_at_1	14 at 10:05 (AM) (PM) Taken 6			-30 20 14 a				@	AM)(PM)
Well on L	_ine:		Started 6-3	02	0 14 at 1	14 at 10:15 (PM) Taken 7-			-1 20 14 at			11:05 (AM)(PM)		
						OBSERVE	D SURFACE	DATA			Duration of	f Shut-ir	24	Hour
Static / Dynamic Property	Dynamic Size Prover Pressure In		Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure $(P_w)$ or $(P_f)$ or $(P_c)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)		
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0			psig 12	psia 26.4	psig	psia				
Flow							2	16.4			24		0	_
				, <del></del> -	_	FLOW STR	REAM ATTRI	BUTES		<del>-</del>	- 1			
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Meter or Ext		Press Extension √ P <sub>m</sub> xh	Fac	Gravity Factor F		Deviation Factor F <sub>pv</sub>		Metered Flo R (Mcfd)	(C	GOR (Cubic Feet Barrel)		Flowing Fluid Gravity G <sub>m</sub>
						_				20				
(D.)0			<b>(D.</b> ) o		•		ERABILITY)						= 0.20	)7
(P <sub>c</sub> ) <sup>2</sup> =		<u>-</u> :	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2	P <sub>a</sub> =	<del></del>			- 14.4 = <u> </u>	<del></del>	<del>-</del>	(P <sub>d</sub> ) <sup>2</sup>	_	
$(P_c)^2 - (P_a)^2$ 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: $P_c^2 - P_w^2$		LOG of formula 1. or 2. and divide by:	formula 1. or 2.		Backpressure Curve Slope = "n"or Assigned Standard Slope		LOG	Antilo	9	Deli Equals	en Flow /erability R x Antilog Mcfd)	
		_									_			
		_			25 - 1:		<u> </u>				Motel & 1	GE!		
Open Flo		_		Mcfd @ 14.		•	Deliverabi			<del></del>	Mcfd @ 14	-		
		-	· ·	n behalf of the aid report is true	·		· .			he above repo December			9	n 14
			,		_	WICH				will:	Moi	tiu	u	/
			Witness (	ïf any)						For	Company		7	
			For Comm	nission	FEB	<del>23 2</del> 01	15 -			Che	ecked by			<u>-</u>

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	der penalty of perjury under the laws of the state of Kansas that I am authorized to request
	der Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	going pressure information and statements contained on this application form are true and
	st of my knowledge and belief based upon available production summaries and lease records
• •	tallation and/or upon type of completion or upon use being made of the gas well herein named.
	lest a one-year exemption from open flow testing for the
gas well on the g	rounds that said well:
(Chec	k 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
_	ee to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessa	ry to corroborate this claim for exemption from testing.
Date: 12/21/14	
	KCC MICHITA Signature: Danall Masture
	KCC WICHITA Signature:
	KCC WICHITA Signature:

## 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.

W431 Topliff 1-34 South Goodland Goodland None

June-14 FloBoss

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
6/1/2014	2	15	20	0	
6/2/2014	2	15	20	0	
6/3/2014	2	15	20	0	
6/4/2014	2	15	20	0	
6/5/2014	2	15	20	0	
6/6/2014	2	15	20	0	
6/7/2014	2	15	20	0	
6/8/2014	2	15	20	0	
6/9/2014	2	15	20	0	
6/10/2014	2				
6/11/2014	2		20	3.5	
6/12/2014	2		20	0	
6/13/2014	2	15	20	0	
6/14/2014	2	15	20	0	
6/15/2014	2	15	20	0	
6/16/2014	2	15	20	0	
6/17/2014	2	15	20	0	
6/18/2014	2	15	20	0	
6/19/2014	2	15	20	0	
6/20/2014	2	15	20	0	
6/21/2014	2		20	0	
6/22/2014	2	15	20	0	
6/23/2014	2	15	20	0	
6/24/2014	2	15	20	0	
6/25/2014	2		20	0	
6/26/2014	2		20		
6/27/2014	2		20	0	
6/28/2014	2		20	0	
6/29/2014	2	15	4	21	
6/30/2014	12	25	C	24	
7/1/2014				0	

Total 564

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W431 Topliff 1-34 South Goodland Goodland None

July-14 FloBoss

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

Total 644

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W431 Topliff 1-34 South Goodland Goodland None

August-14

FloBoss

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

Total 620

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