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

Type Test		XX		(	(See Instruc	tions on R	everse Side	)					
☐ Open Flow ☐ Deliverability			Test Date: API No. 15										
De	liverabi	ty		6/1/201	5			023	3-20634-00 <b>0</b>	0			
Company Rosewo		ources, Inc.				Lease R. Mod	re			13-28	Well Number		
County Location Cheyenne NWSW/4			Section 28		TWP 2S		RNG (E/ 42W	RNG (E/W) Acres Attributed 42W 80					
Field Cherry Creek			Reservoi Niobrar					Gas Gathering Connection Branch Systems Inc.					
Completion 10/21/20		ı		Plug Bac 1789'	k Total Dep	th		Packer S	Set at				
Casing S 2 7/8"	ize	Weig 6.5#	ht	Internal I 2.441	Diameter		Set at 1789'		rations 8'	то 1700'			
Tubing Si	ize	Weig	ht	Internal Diameter Set at			Perforations		То				
		(Describe) entional)							rump Unit or Traveling Plunger? Yes No				
		Annulus / Tubir	g)	% (	arbon Dioxi	de		% Nitrog	<u>-</u>	Gas Gra	avity - G		
Annulus										.6			
Vertical D	epth(H)				Pres Flan	sure Taps ge				(Meter Run) (Prover) Size 2"			
Pressure	Buildup	: Shut in 6-1		<sub>0</sub> 15 <sub>at</sub> 1	:50	(AM)((PM)	) Taken_6-	4	20	15 at 2:05	(AM) (PM)		
Well on L	ine:	Started 6-4	<u> </u>	0 15 at 1:50 (AM) (PM) Taken 6-4 (AM) (PM) Taken 6-5					20	15 at 2:50	(AM)(PM)		
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	n_96 Hours		
Static / Orlfice   Meter   Differentia			Flowing Temperature $t$ Tempe		l Pressure	$(P_w)$ or $(P_t)$ or $(P_c)$		Duration (Hours)	Liquid Produced (Barrels)				
Shut-In		psig (Pm)	Inches H <sub>2</sub> 0			178	192.4	psig	psia				
Flow						47	61.4			96	0		
			<del></del>		FLOW STR	EAM ATT	RIBUTES			<del></del> _			
Plate Coefficci (F <sub>b</sub> ) (F Mcfd	ient <sub>p</sub> )	Circle one: Meter or Prover Pressure psia	Press Extension P <sub>m</sub> x h	Grav Fac F	tor	Flowing femperature Factor	Fa	ation ctor pv	Metered Flow R (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G <sub>m</sub>		
									2	1			
	_			(OPEN FL	OW) (DELIV	ERABILITY	) CALCUL	ATIONS		(D )2	= 0.207		
(P <sub>c</sub> ) <sup>2</sup> =		: (P <sub>w</sub> ) <sup>2</sup> =	:;	P <sub>d</sub> =		% (	P <sub>c</sub> - 14.4) +	14.4 =	:	(P <sub>d</sub> ) <sup>2</sup>			
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F	_	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_d^2 - P_w^2$	LOG of formula 1, or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Sic As	essure Curve pe = "n" - or ssigned dard Slope	או	-oe [ ]	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
) <del></del>	_					<u> </u>							
Open Flow			Mcfd @ 14.	65 pela		Deliveral				Mofd @ 14 65 pei			
				<u></u>	<del></del>					Mcfd @ 14.65 psi			
	_		n behalf of the aid report is true			•			e above repo ecember	rt and that he ha	s knowledge of, 20 <u>15</u>		
								700	1111/	1-W/16.	4		
		Witness (	if any)	K	(CC_W			<u>iech</u>	For C	ompany	uy_		
		For Comr	nission		APR-0	7 2016			Chec	ked by			

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exempt status unde	or 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.  Doing pressure information and statements contained on this application form are true and
of equipment instal	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. st a one-year exemption from open flow testing for the R. Moore 13-28
	ounds that said well:
-	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: 12/21/15	
	KCC WICHIT Signature: Dan Multillery  APR 07 2016 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.

W439

WELL ID

R. Moore 13-28 LEASE NAME

West St. Francis FIELD

St. Francis

**AREA** 

**EQUIPMENT** 

None June-15

DATE

<del>_</del> _	Line	Casing			HRS	REMARKS
DATE	PSI	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
6/1/2015	140	140	153	(	) 24	
6/2/2015	145	145	158	(		
6/3/2015	172	172	185	(	) 24	
6/4/2015	178	178	191	(	). 24	
6/5/2015	106	106	119	4	5 0	
6/6/2015	83	83	96		2 0	
6/7/2015	76	76	89		2 0	
6/8/2015	67	67	80			
6/9/2015	53	53	66		2 0	
6/10/2015	51	51	64			
6/11/2015	50	50	63	2	2' 0	
6/12/2015	49	49	62	2	2) 0	
6/13/2015	49	49	62		2 0	
6/14/2015	48	48	61		2 0	
6/15/2015	48	48	61	2	2 0	
6/16/2015	49	49	62	2	2 0	
6/17/2015	48	48	61	2	2 0	
6/18/2015	49	49	62		2 0	
6/19/2015	62	62	75	2	2 2	
6/20/2015	58	58	71	(	) 22	
6/21/2015	99	99	112		2, 0	
6/22/2015	60	60	i <b>73</b>	2	2' 0	
6/23/2015	46	46	59	2	2 0	
6/24/2015	47	47	' 60	2	2 <sup>i</sup> 0	
6/25/2015	47	47	60	2	2 0	
6/26/2015	47	47	60		2 0	
6/27/2015	47	47	60		2' 0	
6/28/2015	47	47	60	2	2. 0	
6/29/2015	47	47	60	2	2 0	
6/30/2015	47	47	, 60	2	2 0	
7/1/2015	-13			. (	). 0	

Total 53

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W439

WELL ID

R. Moore 13-28 LEASE NAME

West St. Francis FIELD

St. Francis

**AREA** 

None

**EQUIPMENT** 

July-15

DATE

	Line	Casing			HRS	REMARKS
DATE	PSI	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
7/1/2015	47	47	60	2	0	
7/2/2015	47	47	60	2	0	
7/3/2015	47	47	60	2	0	
7/4/2015	47	47	60	2		
7/5/2015	48	48	61	2		
7/6/2015	54	54	67	2		
7/7/2015	47	47	60	2	0	
7/8/2015	47	47	60	2	16	
7/9/2015	47	47	60	0	24	
7/10/2015	166	166	179	0	14	
7/11/2015	103	103	116	3	0	
7/12/2015	80	80	93	1	0	
7/13/2015	66	66	79	2	. 0	
7/14/2015	49	49	62	2	. 0	
7/15/2015	46	46	59	2		
7/16/2015	47	47	60	2	. 0	
7/17/2015	47	47	60	2		
7/18/2015	47	47	60	2	0	
7/19/2015	46	46	59	2	. 0	
7/20/2015	46	46	59	2	0	
7/21/2015	56	56	69	2	. 4	
7/22/2015	47	47	60	2	. 0	
7/23/2015	46	46	59	2	. 0	
7/24/2015	46	46	59	2	. 0	
7/25/2015	46	46	59	2	. 0	
7/26/2015	46	46	59	2	0	
7/27/2015	45	45	58	2	0	
7/28/2015	45	45	58	2	. 0	
7/29/2015	45	45	58	2	. 0	
7/30/2015	45	45	58	2	. 0	
7/31/2015	45	45	58	2	. 0	

Total

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W439

WELL ID

R Moore 16-28 LEASE NAME

West St. Francis FIELD

St. Francis

**AREA** 

None

**EQUIPMENT** 

August-15

DATE

	Line	Casing			HRS	REMARKS
DATE	PSI	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
8/1/2015	4	5 45	58	2	0	
8/2/2015	4	6 46	5 59	2	0	
8/3/2015	4	6 46	5 59	2	0	
8/4/2015	4	5 45	5 58	2	0	
8/5/2015	4	5 45	5. 58	2	0	
8/6/2015	4	5 45	5 58	2	0	
8/7/2015	4	5 45	5 58	2	0	
8/8/2015	4	5 45	5 58	.2	0	
8/9/2015	4	5 45	5 58	2	0	
8/10/2015	4	5 45	5 58			
8/11/2015	4	5 45	5 58			
8/12/2015	4	5 45	5 58	2	. 0	
8/13/2015	4	6 46	5 59			
8/14/2015	4	6 46	5 59	2	0	
8/15/2015	4	7 47	7 60	2	0	
8/16/2015	4	8 48	61	2	0	
8/17/2015	4	6 46	5 59	2	0	
8/18/2015	4	6 46	5 59	2	0	
8/19/2015	4	7 47	7 60	2	. 0	
8/20/2015	4	7 40	7 60			
8/21/2015	4	8 48	B <sub>.</sub> 61			
8/22/2015	4	8 48	61	2	0	
8/23/2015	4	8 48	<b>6</b> 1	2	. 0	
8/24/2015	4	8 48	3 61	2	0	
8/25/2015	5	0 50	63			
8/26/2015	4	8 48	3 61	2	0	
8/27/2015	4	7 47	7 60	2	, 0	
8/28/2015	4	6 40	5 59	2	0	
8/29/2015	4	8 48	3 61			
8/30/2015	5	1 5	I 64	2	, 0	
8/31/2015	5	3 53	3 66	5 2	0	

Total

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