KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:	ارسيسه	_		(See Instruc	ctions on Re	verse Side	9)						
Open Flow			T4 D-4	Test Date: A											
Deliverabilty			6/22/14						0						
Company Lease Well Number Rosewood Resources, Inc. R. Walter 33-21									mber						
			Section 21				RNG (E 41W	RNG (E/W) 41W			Acres Attributed 80				
Field F				_					Gas Gathering Connection Branch Systems Inc.						
Completion Date				Plug Bac 1521'	Plug Back Total Depth P				Set at						
Casing Size Weight			Internal E 2.441	Internal Diameter Set at 2.441 1521			Perforations 1385'			то 1417'					
Tubing Si NONE	ze		Weight		Internal [Internal Diameter Set at			Perfo		То				
Type Com				-	Type Flui					Pump Unit or Traveling Plunge flowing			(No)		
Producing			<u> </u>		% C	arbon Diox	ide		% Nitrog			Gas Gr	avity - G		
Annulus								· <u> </u>				.6			
Vertical D 1417'	epth(H)					Pressure Taps Flange						(Meter I	Run) (Pr	over) Size	
Pressure	Buildup:					14 at 10:40 (AM		Taken_6-12					(AM)(PM)	
Well on Li	ine:	Starte	d <u>6-22</u>	2	0 <u>14</u> at <u>1</u>	14 at 10:55 (AM) (PM) 1		Taken 6-	n 6-23 20		14 at _	11:40	(AM)(PM)	
				Pressure	· · · · ·	OBSERVE	D SURFAC	E DATA			Duration	of Shut-	_{in} _360	Hours	
Static / Dynamic Property	Dynamic Size		Meter Prover Pressure		Flowing Temperature t	emperature Temperature		Casing Welthead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_i) or (P_s)		Duration (Hours)		Lîquid Produced (Barrels)	
Shut-In			ig (i iii)	Inches H ₂ 0			105	119.4	psig	psia	_		 -		
Flow							42	56.4			360		0		
						FLOW ST	REAM ATTR	IBUTES							
Plate Coeffictient $(F_b)(F_p)$ Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Gravity Factor F _g		Flowing Devia		ctor R		w GOR (Cubic Fee Barrel)			Flowing Fluid Gravity G _m	
					<u> </u>					0	_				
(P _c) ² =	-	:	(P _w) ² =			· ·	/ERABILITY) CALCUL 2 - 14.4) +				(P _a)	2 = 0.20)7	
$(P_c)^2 - (P_a)^2$ $(P_c)^2 - (P_w)^2$		Chi	: P _d = present formula 1 or 2: P _c ² - P _a ² LOG of formula P _c - P _c ² - P _d 1. or 2.			Backpressure Curve Slope = "n"		n x LOG		Antilog		Op-	Open Flow Deliverability Equals R x Antilog		
(F ₀) (F	a)-			ded by: P _c ² P _w	and divide by:	P _c ² - P _w ²		ard Slope	_		_		1 *	Mcfd)	
									<u>-</u>				<u> </u>		
Open Flov	<u> </u>			Mcfd @_14.	65 psia		Deliverab	ility			Mcfd @ 1	4.65 ps	a_		
The u	ındersig	ned auth	ority, on t	ehalf of the	Company, s	states that h	ne is duly a	uthorized to	o make ti	ne above repo	rt and tha	at he ha	s knowl	edge of	
the facts st	ated the	rein, and	i that said	report is true	and correc			2	day of _D	ecember			,2	0 14 .	
			Witness (if ar	ly)	KANS	Rece Ascorpora	ived TION COMMISS	SIQN	W	7MU Ford	2000 Company	ut	rulf	<u>'</u>	
			For Commiss	··		FEB 2	5 2015			Chec	cked by				
								,			*				

CONSERVATION DIVISION WICHITA, KS

exempt status under and that the foregoi correct to the best of of equipment installa I hereby request	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. Ing pressure information and statements contained on this application form are true and f my knowledge and belief based upon available production summaries and lease records ation and/or upon type of completion or upon use being made of the gas well herein named. It a one-year exemption from open flow testing for the R. Walter 33-21
H	ne) s a coalbed methane producer
is	s cycled on plunger lift due to water s a source of natural gas for injection into an oil reservoir undergoing ER s on vacuum at the present time; KCC approval Docket No s not capable of producing at a daily rate in excess of 250 mcf/D
_	o supply to the best of my ability any and all supporting documents deemed by Commission o corroborate this claim for exemption from testing.
Date: 12/12/14	
ī	Received CORPORATION COMMISSION FEB 2 5 2015 Signature: CANALL MOLTUNY ONSERVATION DIVISION WICHITA, KS

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.

W365

R Walter 33-21

St. Francis

St. Francis

None

June-174

	Casing	-		RS	REMARKS
DATE	PSI	STATIC MCF	D	O <u>W</u> N	(Maximum length 110 characters)
6/1/20134	41	55	0	0	-
6/2/2013	62	75	0	0	
6/3/2013	51	64	0	0	
6/4/2013	74	87	0	0	
6/5/2013	37	50	0	0	
6/6/2013	39	52	0	0	
6/7/2013	84	97	0	9	
6/8/201B	86	99	0	24	
6/9/201	87	100	0	24	
6/10/201 3	90	103	0	24	
6/11/201 B	100	113	0	24	
6/12/201 \$	105	118	0	24	
6/13/201	86	99	0	24	
6/14/2013	87	100	0	24	
6/15/201	87	100	0	24	
6/16/2013	87	100	0	24	
6/17/2013	87	100	0	24	
6/18/2013	87	100	0	24	
6/19/2013	88	101	0	24	
6/20/2013	88	101	0	24	
6/21/2013	88	101	0	24	
6/22/2013	88	101	0	24	
6/23/2013	87	100	0	5	
6/24/2013	87	100	0	0	
6/25/2013	87	100	0	0	
6/26/2013	82	95	0	0	
6/27/2013	74	87	0	0	
6/28/2013	51	55	0	0	
6/29/2013	40	53	0	0	
6/30/2013	42	55	0	0	
7/1/2013				0	

0

Total

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FEB 2 5 2015

CONSERVATION DIVISION WICHITA, KS

W365

R Walter 33-21

St. Francis

St. Francis

None

July-14

	Casing		H	RS	REMARKS		
DATE	_PSI	STATIC MCF	DOWN		(Maximum length 110 characters)		
7/1/2014	42	55	0	0			
7/2/2014	42	55	0	0			
7/3/2014	42	55	0	0			
7/4/2014	42	55	0	0			
7/5/2014	44	57	0	0			
7/6/2014	44	57	0	0			
7/7/2014	63	76	0	0			
7/8/2014	45	58	0	0			
7/9/2014	46	59	0	0			
7/10/2014	47	60	0	0			
7/11/2014	49	62	0	0			
7/12/2014	50	63	0	0			
7/13/2014	51	64	0	0			
7/14/2014	54	67	0	0			
7/15/2014	40	53	0	0			
7/16/2014	40	53	0	0			
7/17/2014	40	53	0	0			
7/18/2014	40	53	0	0			
7/19/2014	40	53	0	0			
7/20/2014	38	51	0	0			
7/21/2014	44	57	11	0			
7/22/2014	85	98	0	22			
7/23/2014	70	83	0	7			
7/24/2014	45	58	13	3			
7/25/2014	47	60	10	4			
7/26/2014	38	51	0	0			
7/27/2014	39	52	0	0			
7/28/2014	42	55	0	0			
7/29/2014	47	60	0	0			
7/30/2014	41	54	27	0			
7/31/2014	44	57	0	0			

61

Total

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FEB 2 5 2015

CONSERVATION DIVISION WICHITA, KS W365

R Walter 33-21

St. Francis

St. Francis

None

August-14

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
8/1/2014	42	55	46	0	
8/2/2014	42	55	0	0	
8/3/2014	41	54	0	0	
8/4/2014	41	54	14	0	
8/5/2014	42	55	0	0	
8/6/2014	42	55	0	0	
8/7/2014	43	56	0	0	
8/8/2014	44	57	0	0	
8/9/2014	44	57	0	0	
8/10/2014	48	61	0	0	
8/11/2014	43	56	0	0	
8/12/2014	41	54	0	0	
8/13/2014	42	55	0	0	
8/14/2014	41	54	0	0	
8/15/2014	48	61	0	3	
8/16/2014	46	59	0	0	
8/17/2014	46	59	0	0	
8/18/2014	48	61	0	0	
8/19/2014	53	66	20	2	
8/20/2014	53	66	0	0	
8/21/2014	47	60	39	0	
8/22/2014	52	65	0	0	
8/23/2014	40	53	0	0	
8/24/2014	43	56	0	0	
8/25/2014	60	73	0	0	
8/26/2014	44	57	39	0	
8/27/2014	47		0		
8/28/2014	39		53		
8/29/2014	40	53	0	5	
8/30/2014	40	53	0	0	
8/31/2014	53	66	0	0	

Total 211

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