KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:	4.50		(See Instructi	ions on Ret	verse Side	9)				
Op	en Flow	W SI						451	N			
Deliverabilty			Test Date: 9/30/2015					No. 15 -20506-00 8	O			
Company Rosewo	/ od Res	ources, Inc.		0,00,20		Lease Townse	nd				Well Nu	mber
County Location Sherman SESE/4			Section TWP 6 9S				RNG (E/W) 40W			Acres Attributed 80		
Field Goodand			Reservoir Niobrara				hering Conne Systems Inc					
Completion 5/25/200			_	Plug Bac 1253'	k Total Depti	h	· -	Packer S	et at			
Casing S 4 1/2"	ize	Weigh 10.5#		Internal E 4.052	Diameter	Set at 1253'		Perforations 1140		 1170'		
Tubing Si	ize	Weigh	nt	Internal [Diameter	Set a	at	Perforations To				
		(Describe) entional)		Type Flui Dry Ga	d Production	1		Pump Ur flowing	it or Traveling	Plunger? Yes	(No)	
Producing	_	(Annulus / Tubin	g)	% C	arbon Dioxid	de	_	% Nitrog	en	Gas Gr	avity - G	
Vertical D	Depth(H)				Press Flanç	sure Taps				(Meter i 2"	Run) (Pr	over) Size
Pressure	Buildup			0 15 at 9	:45	(PM)	Taken_10)-1		15 _{at} 9:55	(AM)(PM)
Well on L	.ine:	Started 10-	20	0 <u>15</u> at <u>9</u>	:55	(PM)	Taken 10)-2	20	15 at 10:45	(AM)(PM)
					OBSERVE	D SURFACE				Duration of Shut-	in_24	Hours
Static / Dynamic Property	Dynamic Size Property (inches) Meter Differential		Differential	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)		
Shut-In				_		8	22.4	porg	psid			
Flow						1	15.4			24	0	
	-			1	FLOW STR	EAM ATTR	IBUTES					
Plate Coeffied (F _b) (F Mofd	ient p)	Circle one: Meter or Prover Pressure psia	Press Extension P _m x h	Grav Fac F	tor T	Flowing emperature Factor F ₁ ,	Fa	iation ictor pv	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
									4			
				(OPEN FL	OW) (DELIVI	ERABILITY) CALCUL	ATIONS		(P.)	²= 0.2	
(P _c) ² =		: (P _w) ² =	::	P _d =	9	% (F	_c - 14.4) +	14.4 =	:	(P _d)		
(P _c) ² - (I or (P _c) ² - (I	ì	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _g ² 2. P _c ² - P _g ² divided by: P _c ² - P _g ²	LOG of formula 1, or 2, and divide	P _c ² -P _w ²	Slor As:	ssure Curve pe = "n" - or signed ard Slope	l n x i	rog [Antilog	Deli Equals	en Flow verability R x Antilog (Mcfd)
												
Open Fla			Motel @ 14	SE noin	_	Dolivorah				 Mcfd @ 14.65 psi		
Open Flo			Mcfd @ 14.	<u> </u>		Deliverab	-					
	_	ned authority, o erein, and that s		•					ecember	rt and that he ha		ledge of
		· 	· 		CC WI			100	, 1	Maile	ice	
		Witness (if any)		APR 0.7		C			Company		
		For Comp	nission		<u>41 11 U 1</u>	F010 _			Che	cked by		

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request 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
correct to the best of my knowledge and belief based upon available production summaries and lease records
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
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 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 flot supulse of producing at a daily fate in excess of 250 months
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
stan as necessary to combonate this claim to exemption from testing.
Date: 12/22/15
Date
11 1010 40
KCC WICHITA Signature:
APR 0.7 2016 Title: Production Assistant
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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.

W2438

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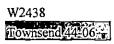
None

September-15

	Casing		H	rs	REMARKS
DATE	PSI	STATIC MCI	7 DO	OWN]	(Maximum length 110 characters)
9/1/2015		14	4	0	
9/2/2015]	l 14	4	0	
9/3/2015	1	l 14	4	0	
9/4/2015	•	l 14	4	0	
9/5/2015	•	14	4	0	
9/6/2015	1	14	4	0	
9/7/2015	1	l 14	4	0	
9/8/2015]	l 14	4	0	
9/9/2015]	14	4	0	
9/10/2015		l 14	4	0	
9/11/2015		14	4	0	
9/12/2015		l 14	4	0	
9/13/2015	1	l 14	4	0	
9/14/2015		l 14	4	0	
9/15/2015	•	l 14	4	0	
9/16/2015		14	4	0	
9/17/2015]	14	4	0	
9/18/2015	1	l 14	4	0	
9/19/2015	1	l 14	4	0	
9/20/2015	1	14	4	0	
9/21/2015]	l 14	4	0	
9/22/2015	j	14	4	0	
9/23/2015	1	l 14	4	0	
9/24/2015]	14	4	0	
9/25/2015]	l 14	4	0	
9/26/2015	•	l 14	4	0	
9/27/2015		14	4	0	
9/28/2015	1	l 14	4	0	
9/29/2015	1	l 14	0	22	
9/30/2015	8	3 21	0	24	24 hr shut in pressure for state
10/1/2015	(0	0	0	

Total 112

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None

October-15

	Casing		H	RS	REMARKS
DATE	PSI STATIC MCF		D(OWN	(Maximum length 110 characters)
10/1/2015	9	22	0	24	
10/2/2015	6	19	3	7	
10/3/2015	4	17	4	0	
10/4/2015	3	16	4	0	
10/5/2015	3	16	4	0	
10/6/2015	2	15	4	0	
10/7/2015	2	15	4	0	
10/8/2015	2	15	4	2	
10/9/2015	2	15	4	2	
10/10/2015	2	15	4	2	
10/11/2015	1	14	4	0	
10/12/2015	2	15	4	4	
10/13/2015	1	14	4	0	
10/14/2015	1	14	4	0	
10/15/2015	2	15	4	0	
10/16/2015	2	15	4	0	
10/17/2015	1	14	4	0	
10/18/2015	1	14	4	0	
10/19/2015	1	14	4	0	
10/20/2015	1	14	4	0	
10/21/2015	1	14	4	0	
10/22/2015	1	14	4	0	
10/23/2015	1	14	4	0	
10/24/2015	1	14	4	0	
10/25/2015	1	14	4	0	
10/26/2015	1	14	4	0	
10/27/2015	1	14	4	0	
10/28/2015	1	14	4	0	
10/29/2015	1	14	4	0	
10/30/2015	1	14	4	0	
10/31/2015	1	14	4	0	

Total 119

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None

November-15

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

Total 120

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