KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

_	en Flo		MEL		Test Date		ctions on Re	verse Side	•	No. 15			
	liverat	oilty			7/16/14				181	-20528-000			
Company Rosewoo		sou	rces, Inc.			٠,	Lease Milliken				21-18	Well Nu	mber
County Shermar	ı		Locat NENW		Section 18		TWP 7S		RNG (E/ 39W	W)		Acres A 80	ttributed
Field Goodand	d				Reservoir Niobrara					hering Conn Systems In			
Completic 6/7/08	on Da	te	· · ·		Plug Bac 1264'	k Total Dep	oth		Packer S	et at			
Casing Si 2 7/8"	ize		Weigh 6.5#	nt	Internal E 2.441	Diameter	Set a 126		Perfor	ations 1'	то 1074'		
Tubing Si	ze		Weigh	nt	Internal [Diameter	Set a	at	Perfo	rations	То		
Type Com Single (Type Flui DryGa	d Productio	on		Pump Un	it or Traveling	Plunger? Yes	(No)	
Producing		(Anı	nulus / Tubin	g)	% C	arbon Diox	ide		% Nitrog	en	Gas Gr .6	avity - G	à _g
Vertical D		1)				Pres	sure Taps					Run) (Pa	over) Size
1280'						Flan					2"		
Pressure	Buildu	ıp:	Shut in	<u>5</u> 2			(AM) (PM)			20		(AM (PM)
Well on Li	ine:		Started 7-1	72	0_ <u>14</u> at_5	:20	(AM)(PM)	Taken 7-	18	20	14 at 6:00	(AM)(PM)
						OBSERVE	ED SURFAC	E DATA			Duration of Shut-	_{in_} 48_	Hours
Static / Dynamic Property	Orif Siz (inch	te e	Gircle one: Meter Prover Presso psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead (P _w) or (F	Pressure	Wellhea	ubing ad Pressure (P ₁) or (P _c) psia	Duration (Hours)		i Produced Barrels)
Shut-In			1-0(2			25	39.4	paig	psia			_
Flow							16	30.4			48	0	
						FLOW ST	REAM ATTR	IBUTES					-
Plate Coeffieci (F _b) (F Mcfd	ient p)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m xħ	Grav Fact	tor	Flowing Temperature Factor F _{f1}	Fa	iation ctor - pv	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m
										61			
/D \2			/D \2	_	•		/ERABILITY	•			-	2 = 0.20	07
(P _c) ² =		:	(P _w) ² =	Choose formula 1 or 2	P _d =			- 14.4) +		:	(P _d)		
(P _c) ² - (F or (P _c) ² - (F	•	(F 	P _c) ² - (P _w) ²	 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_d² 	LOG of formula 1. or 2. and divide by:	P.2-P.2	Stor As	ssure Curve pe = "n" - or signed ard Slope	nxl	.og	Antilog	Deli Equals	en Flow verability R x Antilog Mcfd)
_													
												<u> </u>	
Open Flov	W			Mcfd @ 14.	65 psia		Deliverab	oility			Mcfd @ 14.65 ps	<u>a</u>	
		•	•	n behalf of the aid report is true			•			e above repo ecember	ort and that he ha	is knowl	ledge of
			, with that 3		. w∩	C WIG	THIT!		ZZM	nell	Made	re	 U
			Witness (if any)	<u>0 % % %</u>	-D 20	204E			For	Company		
			For Comm	nission	•	EB 23				Che	cked by		
						RECE	VED						

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 Milliken 21-18 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 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.
KCC WICHITA FEB 2 3 2015 RECEIVED 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.

W2582

WELL ID

Milliken 21-18

LEASE NAME

North Goodland FIELD

Goodland

AREA

EQUIPMENT

None July-14

DATE

	Line	Casing				HRS	REMARKS
DATE	PSI	PSI				DOWN	(Maximum length 110 characters)
7/1/2014		5	16	29	61	0	
7/2/2014		5	16	29	61	0	
7/3/2014		5	16	29	61	0	
7/4/2014		5	16	29	61	3	
7/5/2014		5	16	29	61	0	
7/6/2014		5	16	29	61	0	
7/7/2014		5	16	29	61	0	
7/8/2014		5	16	29	61	0	
7/9/2014		5	16	29	61	0	
7/10/2014		5	16	29	61	0	
7/11/2014		5	16	29	61	0	
7/12/2014		5	16	29	61	0	
7/13/2014		5	16	29	61	0	
7/14/2014		5	16	29	61	0	
7/15/2014		5	16	29	58	3	shut in for state
7/16/2014		5	22	35	0	24	
7/17/2014		5	25	38	0	24	opened up
7/18/2014		5	16	29	66	0	
7/19/2014		5	16	29	68	0	
7/20/2014		5	16	29	66	0	
7/21/2014		5	16	29	64	0	
7/22/2014		5	16	29	64	0	
7/23/2014		5	16	29	63	0	
7/24/2014		5	16	29	63	0	
7/25/2014		5	16	29	63	0	
7/26/2014		5	16	29	63	0	
7/27/2014		5	16	29	63	0	
7/28/2014		5	16	29	63	0	
7/29/2014		5	16	29	63	0	
7/30/2014		5	16	29	63	0	
7/31/2014		5_	16	29	63	0	

Total

1807

KCC WICHITA FEB 23 2015 RECEIVED

W2582 Milliken 21-18 North Goodland Goodland None August-14

. . .

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
8/1/2014	16	5 29	61	0	
8/2/2014	16	5 29	61	0	
8/3/2014	16	5 29	61	0	
8/4/2014	10	5 29	61	0	
8/5/2014	16	5 29	61	0	
8/6/2014	16	5 29	61	0	
8/7/2014	16	5 29	61	0	
8/8/2014	16	5 29	61	3	
8/9/2014	16	5 29	61	0	
8/10/2014	16	5 29	61	0	
8/11/2014	16	5 29	61	0	
8/12/2014	16	5 29	61	0	
8/13/2014	16	5 29	61	0	
8/14/2014	16	5 29	61	0	
8/15/2014	16	5 29	61	0	
8/16/2014	16	5 29	61	0	
8/17/2014	16	5 29	61	0	
8/18/2014	16	5 29	61	0	
8/19/2014	16	5 29	61	0	
8/20/2014	16	5 29	61	2	
8/21/2014	16	5 29	61	0	
8/22/2014	16	5 29	61	0	
8/23/2014	16	5 29	61	0	
8/24/2014	16	5 29	61	0	
8/25/2014	16	5 29	61	0	
8/26/2014	16	5 29	61	0	
8/27/2014	16	5 29	61	0	
8/28/2014	, 1 c	5 29	61	0	
8/29/2014	16	5 29	61	0	
8/30/2014	16	5 29	61	0	
8/31/2014	16	5 29	61	0	

Total 1891

KCC WICHITA FEB 23 2015 RECEIVED

W2582 Milliken 21-18 North Goodland Goodland None September-14

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
9/1/2014	16	29	6	0	
9/2/2014	16	5 29	6	0 ا	
9/3/2014	16	5 29	6	1 0	
9/4/2014	10	5 29	6	0 1	
9/5/2014	16	5 29	6	1 0	
9/6/2014	16	5 29	6	0	
9/7/2014	16	5 29	6	٥ (
9/8/2014	16	5 29	6	1 0	
9/9/2014	16	5 29	6	1 0	
9/10/2014	15	5 28	6	1 0	
9/11/2014	15	5 28	6	۱ 0	
9/12/2014	15	5 28	6	1 0	
9/13/2014	15	5 28	6	0 1	ı
9/14/2014	1.5	5 28	6	1 0	ı
9/15/2014	15	28	6	0.5	
9/16/2014	15	5 28	6	1 0	
9/17/2014	1.5	5 28	6	i 0	
9/18/2014	1:	5 28	6	0.5	
9/19/2014	1.5	5 28	6	1 0	ı
9/20/2014	13	5 28	6	1 0	
9/21/2014	15	5 28	6	1 0	
9/22/2014	13	5 28	6	1 0	ı
9/23/2014	1:	5 28	6	1 0	
9/24/2014	10	5 29	6	1 0	
9/25/2014	16	5 29	6	1 0	ı
9/26/2014	10	5 29	6	1 0	ı
9/27/2014	10	5 29	6	1 0	ı
9/28/2014	16	5 29	6	1 0	ı
9/29/2014	10	5 29	6	1 0	1
9/30/2014	16	5 29	6	1 0	ı
10/1/2014				0	

Total 1830

KCC WICHITA FEB 23 2015 RECEIVED