KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:	MOT		(See Instruci	tions on Re	verse Side	9)					
Op	en Flow	#SI		Took Date				8 D1	No 45				
De	liverabilt	y		Test Date 10/17/2					No. 15 1 -20528-00 0	9			
Company		ources, Inc.				Lease Milliken	1			21-1	Well N 8	umber	
			Section 18					W)		Acres Attributed 80			
Field				Reservoir Niobrara				hering Conn Systems In					
Completion Date 6/7/08			Plug Bac 1264'	Plug Back Total Depth				Set at		_			
Casing S 2 7/8"	Casing Size Weight			Internal 0 2,441	Internal Diameter Set at 2.441 1264'			Perfo	rations 4'	To 1074	To 1074'		
Tubing Si	ize	Weig	ght	Internal [Internal Diameter Set at				rations	To			
		(Describe)		Type Flui DryGa	d Production	n		Pump Ui	nit or Traveling	Plunger? Ye	s (No)	
	Thru (/	Annulus / Tubi	ng)		arbon Dioxi	de		% Nitrog	<u></u>	Gas	Gravity -	G _s	
Vertical D					Pres	sure Taps					er Run) (F	Prover) Size	
1280'					Flan	•				2"		<u> </u>	
Pressure	Buildup:)-16							13 _{at} 5:20		(AM (PM)	
Well on L	ine:	Started 10)-17	20 <u>13</u> at <u>5</u>	:20	(AM)(PM)	Taken 10)-18	20	13 _{at} 6:00		(AM)(PM)	
					OBSERVE	D SURFAC	E DATA			Duration of Sh	ut-in <u>24</u>	Hours	
Static / Dynamic	Orifice Size (inches	Prover Pres	Differential	Flowing Well Head Temperature		Casing Wellhead Pressure (P_w) or (P_f) or (P_c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)		iid Produced (Barrels)	
Property Shut-In	(11101103	' psig (Pm) Inches H ₂ 0			psig 26	psia	psig	psia				
Flow	_	 -				18	32.4	<u> </u>		24	0		
					FLOW STR	REAM ATTR	IBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia Circle one: Press Extension P _m x h		Gravity Factor F ₀		Flowing Temperature Factor F _{I1}	emperature Factor		ctor R		R Feet/ el)	Flowing Fluid Gravity G _m	
									65				
		_		(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	ATIONS		(F	$(a_{a})^{2} = 0.3$	 207	
(P _c) ² =		: (P _w)²		P _d ≂		% (I	² _c - 14.4) +	14.4 =	 :_	(F	² _d) ² =		
(P ₀) ² - (F or (P ₀) ² - (F		(P _c) ² - (P _w) ²	1. P _c ² -P _c ² 2. P _c ² -P _c ² divided by: P _c ² -P _c ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slo	ssure Curve pe = "n" - or signed lard Slope	n x	LOG	Antilog	De	pen Flow Ilverability s R x Antilog (Mcfd)	
						_							
Occa Elec		<u> </u>	Mofd @ 14	65 pois		Dolivoral				Mcfd @ 14.65	neia		
Open Flor			Mcfd @ 14			Deliverat	<u> </u>						
	_	-	on behalf of the						ecember	ort and that he	nas kno	vieage of	
14010 5		, any wire triat	said report is tru	KANSA	RECE S CORPORA	TION COMM	ISSION		nall	11 11	mit	DUM	
		Witness	s (if any)		DEC 2	6 2013			For	Company	 		
		For Cor	nmission		CONSERVA	TION DIVISIO	N		Che	cked by			

CONSERVATION DIVISION WICHITA, KS

exempt status and that the focurrect to the boot of equipment in	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. regoing pressure information and statements contained on this application form are true and est of my knowledge and belief based upon available production summaries and lease records estallation and/or upon type of completion or upon use being made of the gas well herein named. quest a one-year exemption from open flow testing for the Milliken 21-18
	grounds that said well:
I further aç	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 gree to supply to the best of my ability any and all supporting documents deemed by Commission cary to corroborate this claim for exemption from testing.
Date: <u>12/6/13</u>	RECEIVED KANSAS CORPORATION COMMISSION DEC 2 6 2013 CONSERVATION DIVISION WICHITA KS
	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 Milliken 21-18 North Goodland Goodland None October-13

	Casing	_		HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
10/1/2013	18	31	64	0	
10/2/2013	18	31	64	. 0	
10/3/2013	18	31	64	. 0	
10/4/2013	18	31	64	. 0	
10/5/2013	18	31	64	0	
10/6/2013	18	31	64	0	
10/7/2013	18	31	64	0	
10/8/2013	18	31	64	0	
10/9/2013	18	31	64	0	
10/10/2013	18	31	64	0	bp
10/11/2013	18	31	64	0	
10/12/2013	18	31	64	0	
10/13/2013	18	31	64	0	
10/14/2013	18	31	64	0	
10/15/2013	18	31	62	. 0	
10/16/2013	18	31	47	0	shut in
10/17/2013	26	39	0	24	opened up
10/18/2013	18	31	53	0	
10/19/2013	18	31	69	0	
10/20/2013	18	31	67	0	
10/21/2013	18	31	66	0	
10/22/2013	18	31	66	0	
10/23/2013	18	31	66	0	
10/24/2013	18	31	66	0	
10/25/2013	18	31	65	0	
10/26/2013	18	31	65	0	
10/27/2013	18	31	65	0	
10/28/2013	18	31	63	2	
10/29/2013	18	31	64	0	
10/30/2013	18	31	65	0	
10/31/2013	18	31	63	1.5	

Total 1908

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W2582 Milliken 21-18 North Goodland Goodland None November-13

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
11/1/2013	18	3 31		64	0	
11/2/2013	18	3 31		64	0	
11/3/2013	18	3 31	l	64	0	
11/4/2013	18	3	l	64	0	
11/5/2013	18	3 1	l	64	0	
11/6/2013	18	3 31	Į.	64	0	
11/7/2013	18	3 3 1	l	64	0	
11/8/2013	18	3 31	[64	0	
11/9/2013	18	3 31		64	0	
11/10/2013	18	3 31		64	0	
11/11/2013	18	3 31	l	64	0	
11/12/2013	18	3 31		64	0	
11/13/2013	17	7 30)	64	0 b	p
11/14/2013	17	7 30)	64	0	
11/15/2013	17	7 30)	64	0	
11/16/2013	17	7 30)	64	0	
11/17/2013	17	7 30)	64	0	
11/18/2013	17	7 30)	64	0	
11/19/2013	17	7 30)	63	0	
11/20/2013	17	30)	63	0	
11/21/2013	13	7 30)	63	0	
11/22/2013	17	7 30)	63	0	
11/23/2013	17	30)	63	0	
11/24/2013	17	7 30)	63	0	
11/25/2013	17	7 30)	63	0	
11/26/2013	17	7 30)	64	0	
11/27/2013	17			64	0	
11/28/2013	17	7 30)	64	0	
11/29/2013	17	7 30)	64	0	
11/30/2013	17	7 30)	64	0	
12/1/2013					0	

Total 1913

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