KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		~~~~		('See Instruct	tions on Re	verse Side	<i>)</i>)					
□ Ор	en Flow	ADT		T4 Dot				A DI	No. 15				
De	liverabilty	,		Test Date 7/9/201					.20606-00 0	10			
Company		urces, Inc.			<u> </u>	Lease Miller					2-13	Well Nu	mber
County	ne	Loc. NW S	ation SW/4	Section 13		TWP 3S	RNG (E/V	W)			Acres A 80	ttributed	
Field Cherry C	Creek			Reservoi Niobrara				ering Conn Systems In					
Completio 7/1/2005				Plug Bac 1464'	k Total Dept	th	Packer S	et at			٠		
Casing S 4 1/2"	ize	Wei 10.		Internal I 4.052	Internal Diameter Set at 4.052 1464'				ations	To 1302'			
Tubing Si	ize	Wei	ght	Internal I	Diameter	Set a	at	Perfor	ations		To		
Type Con Single (Type Flui Dry Ga	id Production	n			it or Traveling	Plunger	? (Yes) No	
`	Thru (A	nnulus / Tub	ing)		Carbon Dioxi	de		% Nitroge	en	-	Gas Gr	avity - G	ig
Vertical D					Press	sure Taps						Run) (Pr	over) Size
Pressure	Buildup:	Shut in 7	.9	20_15 _{at} 8		- ——	Taken 7-	10	20	15 at_			 AM)(PM)
Well on L	ine:	Started 7-	10	. 20 15 at 9				20			@	(PM)	
					OBSERVE	D SURFAC	E DATA			Duration	of Shut-	in_24	Hours
Static / Dynamic Property	Dynamic Size		Differential in Inches H	Temperature	Well Head Wellhead Temperature (P _w) or (ing Pressure	Wellhea (P _w) or	Tubing eilhead Pressure w) or (P ₁) or (P _c)		Duration (Hours)		l Produced Barrels)
Shut-In		psig (Pri	n atches H ₂			psig 88	psia 102.4	psig	psia	-	<u>.</u>		
Flow					46 60.4				24				
					FLOW STR	EAM_ATTR	IBUTES		_				
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension	Fac	tor T	Flowing Temperature Factor F _{f1}	Fa	iation ctor pv	Metered Flow R (Mcfd)	v	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
									31				
(P _c) ² =		(P _w):	·= :	(OPEN FL P _d =	OW) (DELIV) CALCUL		:		(P _a)	² = 0.20 ² =	07
(P _c) ² - (F	P _a) ²	(P _c) ² - (P _w) ²	1. P _c ² -P _d ² 2. P _c ² -P _d ² divided by: P _c ² -	LOG of formula 1. or 2. and divide		Backpre Sloj 	ssure Curve pe ≈ "n" - orsigned ard Slope	n x l	00	Ant	iilog	Op Deli Equals	en Flow verability R x Antilog Mcfd)
Open Flor				4.65 psia		Deliverab				Mcfd @			
	_	-	on behalf of the said report is					o make th day of De		ort and th	nat he ha		edge of 15
		. =	,		⟨C C-W				,	Ma	itu	- Ll	/
		Witnes	s (if any)	Y					For	Company		7	
	-	For Co	mmission		APR 0	/ ZUIb			Che	cked by			

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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 Miller 2-13 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. Date:
KCC WICHITA 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.

W358

St. Francis

St. Francis

None

July-15

	Tubing	Casing						HRS	Water	•	REMARKS
DATE	PSI	PSI	STAT	IC MCF	SPM	(CYCLE	DOWN	BBLS	3	(Maximum length 110 characters)
7/1/2015		,	45	58	31	6	13		0	20	
7/2/2015			45	58	31	6	13		0	20	
7/3/2015			45	58	31	6	13		0	20	
7/4/2015			45	58	31	6	13		0	20	
7/5/2015			45	58	31	6	13		0	20	
7/6/2015			44	57	31	6	13		2	20	
7/7/2015			44	57	30	6	13		0	20	
7/8/2015			44	57	31	6	13	l	6	20	turn off p u
7/9/2015			88	101	0	6	13	2	4	0	
7/10/2015		1	73	186	0	6	13	1	4	0	
7/11/2015		1	00	113	22	6	13		0	0	ı
7/12/2015			71	84	22	6	13		0	0	ı
7/13/2015			53	66	31	6	13		0	0	restarted pu
7/14/2015			45	58	29	6	13		0	20	4
7/15/2015			46	59	29	6	13		0	20	
7/16/2015			44	57	29	6	13		0	20	
7/17/2015			45	58	30	6	13		0	20	ı
7/18/2015			44	57	30	6	13		0	20	r
7/19/2015			43	56	30	6	13		0	20	ı
7/20/2015			43	56	30	6	13		0	20	1
7/21/2015			48	61	29	6	13		2	20	l
7/22/2015			43	56	31	6	13		0	20	1
7/23/2015			44	57	31	6	13		0	20	ı
7/24/2015			44	57	31	6	13		0	20	ı
7/25/2015			44	57	30	6	13		0	20	ı
7/26/2015			43	56	30	6	13		0	20	l e e e e e e e e e e e e e e e e e e e
7/27/2015			43	56	31	6	13		0	20	l e e e e e e e e e e e e e e e e e e e
7/28/2015			43	56	31	6	13		0	20	•
7/29/2015			43	56	31	6	13		0	20	
7/30/2015			43	56	31	6	13		0	20)
7/31/2015			43	56	31	6	13		0	20	·
Total					867					520	1

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W358 Willer 2-13

St. Francis

St. Francis

None

August-15

	Tubing	Casing						HRS	Wa	ater	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	C	YCLE	DOWN		BLS	(Maximum length 110 characters
8/1/2015		4	3 5	6	32	6	13		0	20	
8/2/2015		4	3 5	6	32	6	13		0	20	
8/3/2015		4	6 5	9	32	6	13		0	20	
8/4/2015		4	6 5	9	32	6	13		0	20	
8/5/2015		4	3 5	6	32	6	13		0	20	
8/6/2015		4	3 5	6	32	6	13		0	20	
8/7/2015				6	32	6	13		0	20	
8/8/2015		4		6	32	6	13		0	20	
8/9/2015				6	32	6	13		0	20	
8/10/2015		4	6 5	9	32	6	13		0	20	
8/11/2015		4	8 6	1	32	6	13		0	20	
8/12/2015		4	8 6	1	32	6	13		0	20	
8/13/2015		4	8 6	1	31	6	13		0	20	
8/14/2015		4	8 6	I	31	6	13		0	20	
8/15/2015		4	9 6	2	31	6	13		0	20	
8/16/2015		4	9 6	2	31	6	13		0	20	
8/17/2015		4	9 6	2	31	6	13		0	20	
8/18/2015		4		2	31	6	13		0	20	
8/19/2015		4	8 6		31	6	13		0	20	
8/20/2015		4	8 6	1	31	6	13		0	20	
8/21/2015		4	8 6	1	31	6	13		0	20	
8/22/2015		4	8 6	1	31	6	13		0	20	
8/23/2015		4	8 6	1	31	6	13		0	20	
8/24/2015		4	8 6	1	31	6	13		0	20	
8/25/2015		5	1 6	4	31	6	13		0	20	
8/26/2015		5	1 6	4	31	6	13		0	20	
8/27/2015		5	1 6	4	31	6	13		0	20	
8/28/2015		5	1 6	4	31	6	13		0	20	
8/29/2015		5	1 6	4	31	6	13		0	20	
8/30/2015		5	1 6	4	31	6	13		4	20	
8/31/2015		5	16	4	31	6	13		_	20	
Total					973					620	

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W358

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Miller2+13

St. Francis

St. Francis

None

September-15

FloBoss

	Tubing	Casing						HRS		ıter	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	C	YCLE	DOWN	BB	LS	(Maximum length 110 characters)
9/1/2015		43	56		28	6	13		0	21	
9/2/2015		43	56		31	6	13		0	21	
9/3/2015		46	5 9		31	6	13		0	21	
9/4/2015		46	59		31	6	13		0	21	
9/5/2015		56	69		31	6	13		0	21	
9/6/2015		56	69		29	6	13		0	21	
9/7/2015		53	66		30	6	13		0	21	
9/8/2015		53	66		30	6	13		0	21	
9/9/2015		46	59		29	6	13		0	21	
9/10/2015		46	59		29	6	13		0	21	
9/11/2015		46	59		29	6	13		0	21	
9/12/2015		46	59		29	6	13		0	21	
9/13/2015		46	59		29	6	13		0	21	
9/14/2015		46	59		29	6	13		0	21	
9/15/2015		46	59		29	6	13		0	21	
9/16/2015		46	59		29	6	13		0	21	
9/17/2015		46	59		29	6	13		0	21	
9/18/2015		46	59		29	6	13		0	21	
9/19/2015		46	59		29	6	13		0	21	
9/20/2015		46	59		29	6	13		0	21	
9/21/2015		46	59		29	6	13		0	21	
9/22/2015		46	59		29	6	13		0	21	
9/23/2015		46	59		29	6	13		0	21	
9/24/2015		46	59		29	6	13		0	21	
9/25/2015		46	59		29	6	13		0	21	
9/26/2015		46	59		29	6	13		0	21	
9/27/2015		46	59		29	6	13		0	21	
9/28/2015		46	59		29	6	13		0	21	
9/29/2015		46	59		29	6	13		0	21	
9/30/2015		46			29	6	13		0	21	
10/1/2015			13								

Total 879 630

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