KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:		det		('See Instruc	tions on Re	verse Side)				
= '	n Flow verabilty	معر المكا		Test Date			No. 15	٨				
Company		_		7/9/201	5	Lease			-20659-00 0		Well Nu	mber
Rosewoo	d Resou			 -		Miller				24-13		
County Cheyenne	.	Locatio SESW	Section 13		TWP 3S		RNG (E/ 41W	w) 		Acres A 80	ttributed	
Field F Cherry Creek					r 3				nering Conn Systems In			
Completion 3/11/2006			Plug Bac 1347'	k Total Dept	th		Packer S	et at				
Casing Siz 4 1/2"	e	Weight 10.5#		Internal I 4.052	Diameter 	Set a 135		Perfor	rations 1'	то 1270'		
Tubing Siz NONE	е	Weight	- 1	Internal [Diameter	Set a	at	Perfo	rations	То		
Type Comp Single (C				Type Flui Dry Ga	d Production	n			it or Traveling ng Unit	Plunger? Yes	/ No	
Producing Annulus	Thru (An	inulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gr .6	avity - G	à
Vertical De 1270'	pth(H)				Pres: Flan	sure Taps ge				(Meter I 2"	Run) (Pi	rover) Size
Pressure B	Buildup:	Shut in <u>7-9</u>	2	₀ 15 _{at} 8	:35	(AM)(PM)	Taken_7-	10	20	15 _{at} 8:50	 ((AM)(PM)
Well on Line: Started 7-10 2				o <u>15</u> at <u>8</u>		(AM)(PM)				_15 _{at} _9:35	(AM) (PM)
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	in_24	Hours
Static / Dynamic Property	rnamic Size Meter		1	Flowing Temperature t	Cas Wellhead (P _w) or (F	Pressure	Wellhea	ubing ad Pressure (P ₁) or (P _c)	Duration (Hours)		d Produced Barrels)	
Shut-In	, , ps		g (Pm) Inches H ₂ 0		t t		psla 174.4	psig_	psia	_		
Flow					_	45	59.4			24		
					FLOW STR	REAM ATTR	IBUTES	<u> </u>				
Plate Circle one: Coefficient Meter or (F _b) (F _p) Prover Pressure Mcfd psia		Press Extension ✓ P _m x h	Gravity Factor F _g		emperature Fac		iation Metered Fi ctor R F _{pv} (Mcfd)		v GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
									42			
				(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	ATIONS		(P _a)	= 0.2	07
(P _c)² =	:	(P _w)² =_	:	P _d =		% (1	- 14.4) +	14.4 =	_ :	(P _d)	<u>=</u>	
or	$ \begin{array}{c cccc} (P_c)^2 - (P_a)^2 & (P_c)^2 - (P_w)^2 & 1. & P_c^2 - P_a^2 \\ \text{or} & & & & & & & \\ (P_c)^2 - (P_d)^2 & & & & & & & \\ \end{array} $			LOG of formula 1, or 2, and divide	P _c ² - P _w ²	Šlo As	ssure Curve pe = "n" -or signed lard Slope	n x LOG		Antilog	Deli Equals	en Flow iverability R x Antilog (Mcfd)
			livided by: $P_c^2 - P_w^2$	by:	<u> </u>	Stalle						
					-		·					
Open Flow	·		Mcfd @ 14.	65 psia	_	Deliverat	oility			Mcfd @ 14.65 ps	a	
The ur	ndersigne	d authority, on	behalf of the	Company, s	states that h	ເອ is duly a				ort and that he ha	s know	ledge of
the facts sta	ated there	in, and that sa	id report is true	and correc	t. Executed	this the 1					- ·	20 15 .
		Witness (if		K	CC W	ICHIT/	\hookrightarrow	1a		Company	Wy	
		For Commis			APR 07	2016 -			Che	cked by		
The ur	ndersigne	ein, and that sa	behalf of the	Company, s	t. Executed	this the 1	uthorized to		e above repo ecember	ort and that he ha		ledge of 20 15 .

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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 24-13 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: 12/18/15
KCC WICHITA Signature: January Marten APR 0 7 2016 RECEIVED

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.

W370 Miller 24-16 III .

St. Francis

St. Francis

None

July-15

	Tubing	Casing	<u> </u>					HRS		Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM		CYCLE	DOWN	!	BBLS	(Maximum length 110 characters)
7/1/2015		4	1 5	7	45	6.5	13	3	0	21	
7/2/2015		4	4 5°	7	45	6.5	13	}	0	21	
7/3/2015		44	1 57	7	45	6.5	13	}	0	21	
7/4/2015		44	57	7	45	6.5	13	}	0	21	
7/5/2015		4	1 57	7	45	6.5	13	}	0	21	
7/6/2015		43	3 50	5	45	6.5	13	3	2	21	
7/7/2015		4:	3 50	5	44	6.5	13	3	0	21	
7/8/2015		43	3 50	5	44	6.5	13	}	16	21	turn off p u
7/9/2015		9(0 103	3	1	6.5	13	}	24	0	
7/10/2015		160	173	3	0	6.5	13	3	14	0	
7/11/2015		9:	8 91	3	36	6.5	13	}	0	0	
7/12/2015		7	1 84	1	37	6.5	13	}	0	0	
7/13/2015		54	4 67	1	43	6.5	13	3	0	0	restarted pu
7/14/2015		4	1 51	7	43	6.5	13	3	0	21	
7/15/2015		4:	5 58	3	43	6.5	13	3	0	21	
7/16/2015		4	4 51	7	43	6.5	13	3	0	21	
7/17/2015		4	4 5'	7	43	6.5	13	3	0	21	
7/18/2015		4:	3 50	5	44	6.5	13	3	0	21	
7/19/2015		4.	3 50	5	44	6.5	13	}	0	21	
7/20/2015		4.	3 50	5	44	6.5	13	3	0	21	
7/21/2015		4	7 60)	42	6.5	13	3	2	21	
7/22/2015		4:	3 50	ó	44	6.5	13	3	0	21	
7/23/2015		4:	3 50	ó	44	6.5	13	3	0	21	
7/24/2015		4:	3 50	5	44	6.5	13	3	0	21	
7/25/2015		4:	3 50	5	44	6.5	13	3	0	21	
7/26/2015		4.	3 50	5	44	6.5	13	3	0	21	
7/27/2015		4:	2 5:	5	44	6.5	13	3	0	21	
7/28/2015		4:	2 5:	5	44	6.5	13	3	0	21	
7/29/2015		4:	2 5:	5	44	6.5	13	3	0	21	
7/30/2015		4:			44	6.5			0		
7/31/2015		4:			44	6.5		3	0		
Γotal					1261					546	

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W370 Miler 24-16

St. Francis

St. Francis

None

August-15

FloBoss

Total

	Tubing	Casing						HRS		Vater	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM_		CYCLE	DOWN	E	BLS	(Maximum length 110 characters
8/1/2015			3 50	5	44	6.5	13		0	21	
8/2/2015			4 5		44	6.5	13		0	21	
8/3/2015			3 50	5	44	6.5	13		0	21	
8/4/2015			3 50	5	44	6.5	13		0	21	
8/5/2015		4	2 55	5	44	6.5	13		0	21	
8/6/2015		4	2 55	5	44	6,5	13		0	21	
8/7/2015		4	3 50	5	44	6.5	13		0	21	
8/8/2015		4	3 50	5	44	6.5	13		0	21	
8/9/2015		4	3 50	ó	44	6.5	13		0	21	
8/10/2015			6 59)	44	6.5	13		0	21	
8/11/2015		4	7 60)	44	6.5	13		0	21	
8/12/2015		4	7 60)	44	6,5	13		0	21	
8/13/2015		4	7 60)	45	6.5	13		0	21	
8/14/2015		4	7 60)	45	6.5	13		0	21	
8/15/2015		4	8 6	ļ	45	6.5	13		0	21	
8/16/2015		4	9 62	2	45	6.5	13		0	21	
8/17/2015		4	9 62	2	45	6.5	13		0	21	
8/18/2015		4	8 6	l	45	6,5	13		0	21	
8/19/2015			8 6		45	6.5	13		0	21	
8/20/2015			8 6		45	6.5	13		0	21	
8/21/2015			18 6		45	6.5	13		0	21	
8/22/2015		4	8 6	!	45	6.5	13		0	21	
8/23/2015		4	8 6		45	6.5	13		0	21	
8/24/2015		4	8 6		45	6.5	13		0	21	
8/25/2015		4	8 6	l	44	6.5	13		0	21	
8/26/2015		4	18 6	l	44	6.5	13		0	21	
8/27/2015		4	18 6	l	44	6.5	13		0	21	
8/28/2015			18 6		44	6.5	13		0	21	
8/29/2015		4	18 6		44	6.5	13		0	21	
8/30/2015			18 6		44	6.5	13		4	21	
8/31/2015			18 6		44	6.5	13			21	

1376

KCC WICHITA APR 0.7 2016 RECEIVED

651

W370

Miller 24-18

St. Francis

St. Francis

None

September-15

FloBoss

	Tubing	Casing						HRS	Wa	-	REMARKS
DATE	PSI _	PSI	STATI	C MCF	SPM_	_ CY	CLE	DOWN	BB		(Maximum length 110 characters
9/1/2015	_	<u> </u>	43	56	41	6	13	-	0	21	
9/2/2015			43	56	41	6	13		0	21	
9/3/2015			46	59	45	6	13		0	21	
9/4/2015			46	59	45	6	13		0	21	
9/5/2015			55	68	45	6	13		0	21	
9/6/2015			55	68	45	6	13		0	21	
9/7/2015			53	66	45	6	13		0	21	
9/8/2015			53	66	45	6	13		0	21	
9/9/2015			45	58	42	6	13		0	21	
9/10/2015			45	58	42	6	13		0	21	
9/11/2015			45	58	42	6	13		0	21	
9/12/2015			45	58	42	6	13		0	21	
9/13/2015			45	58	42	6	13		0	21	
9/14/2015			45	58	42	6	13		0	21	
9/15/2015			45	58	42	6	13		0	21	
9/16/2015			45	58	42	6	13		0	21	
9/17/2015			45	58	42	6	13		0	21	
9/18/2015			45	58	42	6	13		0	21	
9/19/2015			45	58	42	6	13		0	21	
9/20/2015			45	58	42	6	13		0	21	
9/21/2015			45	58	42	6	13		0	21	
9/22/2015			45	58	42	6	13		0	21	
9/23/2015			45	58	42	6	13		0	21	
9/24/2015			45	58	42	6	13		0	21	
9/25/2015			45	58	42	6	13		0	21	
9/26/2015			45	58	42	6	13		0	21	
9/27/2015			45	58	42	6	13		0	21	
9/28/2015			45	58	42	6	13		0	21	
9/29/2015			45	58	42	6	13		0	21	
9/30/2015			45	58	42	6	13		0	21	
10/1/2015				13							

Total 1276 630

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