KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Instruc	tions on Re	verse S	ide,)					
Op	en Flov	v į	AST			T . D					4.01	NI. 45				
De	liverabi	lty				Test Date 7/9/2015						No. 15 -20436-00-	00			
Company		sour	ces			110,20		Lease Bucholt	z					1-14	Well Nu	mber
County				cation		Section		TWP		_	RNG (EA				Acres A	Attributed
Cheyenne SWNW				14		35			41W		80					
Field Cheyenne					Reservoir Niobrara				Gas Gath Branch							
Completic 12-21-20		•				Plug Bac 1504'	k Total Dep	th			Packer S	et at				
Casing Size Weight 4 1/2" 10.5#					Internal Diameter Set at 4.052 1508'			Perforations 1352'			To 1390'					
Tubing Si	ize		We	ight		Internal [Diameter	Set	at		Perfor	ations		То		
Type Con Single (Type Flui Dry Ga	d Productio	n				it or Traveling	Plung	ger? (Yes)	/ No	
Producing				bing)			arbon Diox	ide			% Nitroge			Gas Gr	avity - (3,
Annulus														.6	.6	
Vertical D	epth(H)						sure Taps				·	(Meter Run) (Prover) Size			
1390'							Flan							2"		
Pressure	Buildup				2							20			(AM) (PM)
Well on L	ine:	S	Started _7	'-10	20	15 at 1	1:00	(PM)	Taken	7-	11	20	15	at11:50	((AM)(PM)
							OBSERVE	D SURFAC	E DATA				_ Durat	ion of Shut-	in 24	Hours
Static /	Orific	Circle one: Pressure				Flowing Well Head			•	• •			Duration	uration Liquid Produced		
Dynamic Property	Dynamic Size		s) Prover Pressure		Differential in	Temperature t	Temperature t	Wellhead Pressure (P _w) or (P _i) or (P _c)			Wellhead Pressure (P,) or (P,) or (Po)		(Hours)			Barrels)
		-	psig (P	m)	Inches H ₂ 0		•	psig	psia		psig	psia	<u> </u>		-	
Shut-In								173	187.4	-					<u> </u>	
Flow								40	54.4				24		0	
							FLOW STR	REAM ATTR	IBUTES	3				_		
Plate	, [Circle one:		Press	Grav	/itv	Flowing)evi	ation	Metered Flo	,,	GOR		Flowing
Coeffied (F _b) (F	Coeffiecient		Meter or Prover Pressure		Extension	Fac	tor	Tomporofuro		Deviatio Factor		ctor R		(Cubic F		Fluid Gravity
Mcfd		psia		✓ P _m xh	F		F	F _{pv}		pv	(Mcfd)		Barrel)		G _m	
_												2		_		
						(OPEN FL	OW) (DELIV	ERABILITY) CALC	UL	ATIONS			(P _a):	= 0.2	07
(P _c)² ==	 _	_:	(P _w)) ² =		P _d =	<u> </u>	% (1	P _o - 1 <u>4.4</u>) +	14.4 =	:		(P ^a):	<u></u>	
(P _c)²-(F	P_)2	(P.)²- (P _w)²		ose formula 1 or 2.	LOG of			ssure Cu pe ≂ "n"	rve		Г٦				en Flow
(P _c) ² - (F		٠,٠	; \-\w/		2. P _c ² -P _d ²	formula 1. or 2.			- or		nxL	og		Antilog		iverability B X Antilog
(P _o)*- (I	ا مره				ted by: P _c ² - P _a ²	and divide by:	P _c ² - P _w ²		signed lard Slope	Ð		LJ				(Mcfd)
	1		-			_										
				+		+		-				-				
Open Flor	L w			<u> </u>	Mcfd @ 14.	 65 psia		 Deliverat	oility				Mcfd	 @ 14.65 psi	L а	
The :	underei	nned	authority	, on h			states that h	ne is duly s	uthorize	d tr	make th	above repe	ort and	that he ha	s know	ledge of
		_			report is true	• •		•				•			;	20 15
													1	lost		,
			Witne	ss (if an	y)		KCC V	VICHI	ΓÆ –		LEW	For	Company	'	u	•
			E	ommissi		-							cked by			
			FUIC	onniassi	J., 1		APR U	7 2016				One	oned by			

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	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	oing 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
* =	llation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Bucholtz 1-14
	ounds that said well:
(Check	one)
	is a coalbed methane producer
i ii	is cycled on plunger lift due to water
Ħ	is a source of natural gas for injection into an oil reservoir undergoing ER
Ī	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
_	to corroborate this claim for exemption from testing.
-	
Date: 12/18/15	
	KCC WICHITA Signature: Schull Martiney Title: Production Assistant
	WCC WICHTA Signature: //www. wcaucing
	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.

W342 Buchoitzi01-14.1

St. Francis

St. Francis

Pumping Unit

July-15

FloBoss

FloBoss								
	Tubing	Casing				HRS	Water	REMARKS
DATE	PSI	PSI	STATIC MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
7/1/2015		41	54	2			0	
7/2/2015		41	54	2			0	
7/3/2015		41	54	2			0	
7/4/2015		41	54	2			0	
7/5/2015		41	54	2			0	
7/6/2015		41	54	2			2	
7/7/2015		40	53	2			0	
7/8/2015		40	53	2			6	
7/9/2015		,50	63	0		2	4	
7/10/2015		173	186	0		1	4	
7/11/2015		100	143	1			0	
7/12/2015		74	87	1			0	
7/13/2015		50	63	1			0	
7/14/2015		42	55	2			0	
7/15/2015		42	55	2	0			
7/16/2015		41	54	2			0	
7/17/2015		41	54	2			0	
7/18/2015		40	53	2			0	
7/19/2015		40	53	2			0	
7/20/2015		40	53	2			0	
7/21/2015		43	56	2			2	
7/22/2015		40	53	2			0	
7/23/2015		40	53	2			0	
7/24/2015		40	53	2			0	
7/25/2015		40	53	2			0	
7/26/2015		40	53	2			0	
7/27/2015		39	52	2			0	
7/28/2015		39	52	2			0	
7/29/2015		39		2			0	
7/30/2015		39		2			0	
7/31/2015		39		2			0	

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W342 Bucholiz 01 141

St. Francis

St. Francis

Pumping Unit

August-15

FloBoss

Total

	Tubing	Casing				HRS	Water	REMARKS
DATE	PSI	PSI	STATIC MCF		CYCLE	DOWN	BBLS	(Maximum length 110 characters
8/1/2015		43	56	2			0	
8/2/2015		44	57	2			0	
8/3/2015		45	58	2			O	
8/4/2015		43	56	2			0	
8/5/2015		43	56	2			0	
8/6/2015		43	56	2			0	
8/7/2015		43	56	2			0	
8/8/2015		43	56	2			0	
8/9/2015		43	56	2			0	
8/10/2015		43	56	2			0	
8/11/2015		4	53	2			0	
8/12/2015		4		2			0	
8/13/2015		4	ı 54	2			0	
8/14/2015		4	ı 54	2			0	
8/15/2015		4:	2 55	2			0	
8/16/2015		4:	2 55	2			0	
8/17/2015		4:	2 55	2			0	
8/18/2015		4.	3 56	2			0	
8/19/2015		4.	3 56	2			0	
8/20/2015		4.	3 56	2			0	
8/21/2015		4	3 56	2			0	
8/22/2015		4.	3 56	2			0	
8/23/2015		4.	3 56	2			0	
8/24/2015		4	4 57	2			0	
8/25/2015		4	4 57	1			0	
8/26/2015		4	\$ 57	1			0	
8/27/2015		4	4 57	1			0	
8/28/2015		4	4 57	1			0	
8/29/2015		4	4 57	1			0	
8/30/2015		4	4 57	1			4	
8/31/2015		4	4 57	1			0	

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W342

Bucholtz 01-14

St. Francis

St. Francis

Pumping Unit

September-15

FloBoss

FIOROSS					<u> </u>	
	Tubing	Casing			HRS Water	
DATE	PSI	PSI	STATIC MCF	SPM	CYCLE DOWN BBLS	(Maximum length 110 characters)
9/1/2015		38	51	2	0	-
9/2/2015		37	50	2	0	
9/3/2015		40	53	2	0	
9/4/2015		49	62	2	0	
9/5/2015		49	62	2	0	
9/6/2015		47	60	2	0	
9/7/2015		47	60	2	0	
9/8/2015		47	60	2	0	
9/9/2015		39	52	2	0	
9/10/2015		39	52	2	0	
9/11/2015		39	52	2	0	
9/12/2015		39	52	2	0	
9/13/2015		39	52	2	0	
9/14/2015		39	52	2	0	
9/15/2015		39	52	2	0	
9/16/2015		39	52	2	0	
9/17/2015		39		2	0	
9/18/2015		39		2	0	
9/19/2015		39		2	0	
9/20/2015		39		2	0	
9/21/2015		39		2	0	
9/22/2015		39		2	0	
9/23/2015		39		2	0	
9/24/2015		39		2	0	
9/25/2015		39	52	2	0	
9/26/2015		39		2	0	
9/27/2015		39	52	2	0	
9/28/2015		39	52	2	0	
9/29/2015		39		2	0	
9/30/2015		39		2	0	
10/1/2015					0	

Total 60 0

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