KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					('See Insti	ruct	ions on Re	verse Sia	e)						
Op	en Flo	w L	XSI			T D					A 1	31 N	- 1F				
Deliverabilty					Test Date: 7/9/2015						API No. 15 023-20629-00 00						
Company		sour	ces, Inc.				_		Lease R. Walt	er					21-21	Well Nu	mber
County Location Cheyenne NENW/4				Section 21	TWP 3S			RNG (41W	RNG (E/W) 41W		Acres Attributed		Attributed				
Field St. Francis					Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.								
Completion Date 10/22/2005			Plug Back Total Depth 1518'					Packer	Packer Set at								
Casing Size Weight 2.7/8" 6.5#			Internal Diameter 2.441			Set :	Perforations 1371'			To 1403'							
Tubing Si	ize		Weig	ht		Internal Diameter Se			Set	t Perforations			tions	То			
Type Con Single (Type Flui	d Produc	ction	<u> </u>		Pump (or Traveling	Plung	ger? Yes	No	
Producing	_	(Ann	ulus / Tubir	ng)	_	% Carbon Dioxide					% Nitrogen			_	Gas Gravity - G _g .6		
Vertical D		I)					Pressure Taps						_			Run) (P	rover) Size
Pressure	Buildu	p: 8	7-1	9		Flange 20 15 at 10:35 (PM) Ta				Taken_7	ken_7-1020			<u>15</u>			(PM)
Well on L	.ine:	8	Started _7-	10	2				Taken_7	n <u>7-11</u> 20 _			15	at 11:35	(AM)(PM)	
				_			OBSEF	₹VE	D SURFAC	E DATA	_			Durat	ion of Shut-i	_{in} 24	Hours
Static / Orifice Dynamic Size Property (Inches)		9	Meter Prover Pressure		Pressure Differential in	Temperature Tempera		rature (P _w) or (P _t) or (P _o)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Pressure	Duration (Hours)		Liquid Produced (Barrels)		
Shut-In			psig (Pm)	inches H₂0	_			173	18 7 .4	psig	_	psia				
Flow						_			104	118.4				24		0	
							FLOW S	STR	EAM ATTR	IBUTES			<u>-</u>				<u> </u>
Plate Coeffiecient (F _b) (F _p) Mcfd		Prover Pressure		Press Extension	Gravity Factor F _o		1	Flowing Temperature Factor F _{f1}		Deviation Factor F _{pv}		Metered Flow R (Mcfd)		GOR (Cubic Feet Barrel)		Flowing Fluid Gravity G _m	
			_									1	15				
(P _c) ² =	_		(P _w) ²			•	- '		ERABILITY % (I) CALCU					(P _a) ² (P _d) ²	?= 0.2 ?=	07
(P _c) ² - (I	P _a)²		c)2- (P _w)2	Char	ose formula 1 or 2 1. P _c ² - P _s ² 2. P _c ² - P _d ² led by: P _c ² - P _s	LOG of formula 1. or 2. and divide	P _c ² - P _w		Backpre Slo	ssure Curv pe = "n" - or signed lard Slope	e n.	(LC	iG		Antilog	O _l Del Equals	nen Flow iverability s R x Antilog (Mcfd)
	_					<u> </u>											
Open Flo	w		<u></u> _		Mcfd @ 14	.65 psia			Deliverat	oility			<u>_</u>	Mcfd	 @ 14.65 psi	l a	
		-	_			Company, s								ort and	I that he ha		
the facts s	tated ti	nereii	n, and that s	said	report is tru	e and correc					day of _			دوس	100	5	20 15 .
			Witness	(if any	<u> </u>				ATIHC		as	11	EUU For C	Company	auce	w	
			For Com	missio	n	A	PR 0	7	ZUIb				Che	cked by			
			·				REC	Εľ	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 R. Walter 21-21 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: 12/28/15
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.

W364 R4Walter 21-21 h

St. Francis

St. Francis

None

July-15

	Casing				HRS	REMARKS
DATE	PSI	STATIC	MCF		DOWN	(Maximum length 110 characters)
7/1/2015	88	104		15	0	
7/2/2015	88	104		15	0	
7/3/2015	88	103		15	0	
7/4/2015	88	103		15	0	
7/5/2015	88	103		14	0	
7/6/2015	96	106		15	2	
7/7/2015	88	104		15	0	
7/8/2015	88	103		14	16	
7/9/2015	90	149		0	24	
7/10/2015	173	170		0	14	
7/11/2015	144	146		15	0	
7/12/2015	137	140		19	0	
7/13/2015	121	136		19	0	
7/14/2015	118	132		19	0	
7/15/2015	118	130		18	0	
7/16/2015	118	126		18	0	
7/17/2015	118	123		18	0	
7/18/2015	119	120		17	0	
7/19/2015	119	117		17	0	
7/20/2015	118	113		16	0	
7/21/2015	101	113		15	2	
7/22/2015	93			16	0	
7/23/2015	93			15	0	
7/24/2015	92			15	0	
7/25/2015	92	104		15	0	
7/26/2015	92			15	0	
7/27/2015	86			15	0	
7/28/2015	89			15	0	
7/29/2015	89			15	0	
7/30/2015	89			15	0	
7/31/2015	89	103		15	0	

Total 460

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W364 R.Walier 21-21

St. Francis

St. Francis

None

August-15

	Casing			Н		REMARKS
DATE	PSI	STATIC	MCF	D	OWN_	(Maximum length 110 characters)
8/1/2015	90	103		15	0	
8/2/2015	89	102		15	0	
8/3/2015	90	103		14	0	
8/4/2015	89	102		15	0	
8/5/2015	89	102		15	0	
8/6/2015	89	102		15	0	
8/7/2015	89	102		14	0	
8/8/2015	89	102		14	0	
8/9/2015	88	101		14	0	
8/10/2015	88	101		14	0	
8/11/2015	88	101		14	0	
8/12/2015	88	101		14	0	
8/13/2015	88	101		14	0	
8/14/2015	88	101		14	0	
8/15/2015	88	101		14	0	
8/16/2015	88	101		14	0	
8/17/2015	88	101		14	0	
8/18/2015	88	101		14	0	
8/19/2015	88	101		14	0	
8/20/2015	88	101		14	0	
8/21/2015	88	101		14	0	
8/22/2015	88	101		14	0	
8/23/2015	88			14	0	
8/24/2015	88			14	0	
8/25/2015	88			14	0	
8/26/2015	88			14	0	
8/27/2015	88			14	0	
8/28/2015	87			14	0	
8/29/2015	87			14	0	
8/30/2015	88			14	4	
8/31/2015	88	101		14	0	

Total 439

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W364

R Walter 21-21

St. Francis

St. Francis

None

September-15

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
9/1/2015	102	115	14	0	
9/2/2015	96	109	16	0	
9/3/2015	91	104	15	0	
9/4/2015	88	101	14	0	
9/5/2015	87	100	14	0	
9/6/2015	87	100	14	0	
9/7/2015	86	99	14	0	
9/8/2015	86	99	14	0	
9/9/2015	93	106	14	0	
9/10/2015	89	102	15	0	
9/11/2015	87	100	14	0	
9/12/2015	86	99	14	0	
9/13/2015	86	99	14	0	
9/14/2015	86	99	14	0	
9/15/2015	86	99	14	0	
9/16/2015	86	99	14	0	
9/17/2015	86	99	14	0	
9/18/2015	86	99	14	0	
9/19/2015	86	99	14	0	
9/20/2015	86	99	14	0	
9/21/2015	86	99	14	0	
9/22/2015	86	99	14	0	
9/23/2015	86	99	14	0	
9/24/2015	86	99	14	0	
9/25/2015	86	99	14	0	
9/26/2015	86	99	14	0	
9/27/2015	86	99	14	0	
9/28/2015	86	99	14	0	
9/29/2015	86	99	14	0	
9/30/2015	86	99	14	0	
10/1/2015	0	0	0	0	

Total 424

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