Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	: _	MS			6	See Instruct	tions on Re	verse Side)						
Op De	en Flow liverabill	y			Test Date 6/28/201				API 1 15-0	No. 15 123-20-11	1- A	$(\chi\chi)$			
Company		ources,	Inc.				Lease R. Walte	er			#5		Number		
County Location S Cheyenne NESW							TWP 3S) Acres Attrit 80				
Field Cherry C	reek			·	Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.						
Completic 7/18/19					Plug Bac 1505'	k Total Dept	th		Packer Se	et at					
Casing Si 4 1/2*	ize		Welght 10.5#		Internal D 4.052	Diameter	Set <i>a</i> 1476		Perform 1454			то 1468'			
Tubing Si	2 3/8	<i>j</i> i	Weight		Internal C	Diameter	Set 6	86	Perfor	ations	То)			
Type Con Single (npletion	(Describe		, ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Type Flui Dry Ga	d Production			Pump Uni Pumpir		Plunger? (Yes / No			
Producing Annulus Vertical D	3		Tubing)		% C	% Carbon Dioxide % Nitrogen Pressure Taps						Gas Gravity • G _g .6 (Meter Run) (Prover) Size			
1402' Pressure	Bulldup	Shut i	6-27	2	0 11 at 1	Flan 0:30	GB (AM)(PM)	Taken_6-	28	20	2' 11 at 10		(PM)		
Well on L	ine:		6-28		0 11 at 1	0:45	(AM)(PM)	Taken 6-	29	20	11 at 11	:30	_ (PM)		
						OBSERVE	D SURFAC	E DATA			Duration of	Shut-in 2	4Hou		
Static / Dynamic Property	Static / Orifice Met bynamic Size Prover P		ole one: Meter r Pressuri g (Pm)	Prossure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t Casi Wellhead F (P _w) or (P _t		Pressure	ressure Wellhead Pres or (P_e) (P_w) or (P_1) or		Duration (Hours)		guid Produced (Barrels)		
Shut-In						40	54.4	psig psia							
Flow							37	51.4			24				
Coefficient Meter or Extens			Press Extension ✓ P _m xh	Grav Fac	rity tor	Flowing Flowing Temperature Factor Fin	emperature Factor F		R (Mcfd)		GOR bic Feet/ Barrel)	Flowing Fluid Gravity G_			
										27	<u> </u>				
(P _e)² =	. -	;	(P _w) ² =_	:	(OPEN FL		'ERABILITY % (F) CALCUL ² , - 14.4) +		:		$(P_a)^2 = 0$ $(P_d)^2 =$.207		
(P _e) ² - (I or (P _a) ² - (I	•	(P _c)²- (F	(P _c) ² - (P _w) ² Choose formula 1 or 2: 1. P _c ² - P _c ² 2. P _c ² - P _c ² divided by: P _c ² - P _w ²		LOG of formuta 1, or 2, and divide	P. 2. P. 2	Slop	ssure Curve pe = "n" - or	nxL	og []	Antilog	0	Open Flow deliverability als R x Antilog (Mcfd)		
Open Flo	<u>w</u>			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.6	35 psia			
	•		•	behalf of the d report is true	. •		-		_	e above repo ecember	ort and that I	he has kno	owledge of		
) ON	mill	_Ge	MY-			
			Witness (if	nny)			-			For	Company	R	CEIVE		
			For Commis	sion			-			Che	icked by	ΛD	D 2 1 21		

APR 2 4 2012

exempt status und and that the forest correct to the bes of equipment inst	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. going pressure information and statements contained on this application form are true and it of my knowledge and belief based upon available production summaries and lease records allation 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 R. Walter 5
gas well on the gi	rounds that said well:
_	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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 12/28/11	
	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.

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Walter#5

St. Francis

St. Francis

Pumping Unit/Elec

June-11

	Tubing	Casing				HR		Water	
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLEDO	WN	BBLS	(Maximum length 110 characters)
6/1/2011		48	60	17	7.5	4	0	4	-
6/2/2011		37	58	17	7.5	4	0	5	
6/3/2011		37	50	18	7.5	4	0	5	
6/4/2011		36	50	18	7.5	4	0	4	
6/5/2011		37	50	18	7.5	4	0	5	
6/6/2011		37	50	18	7.5	4	0	4	
6/7/2011		36	50	19	7.5	4	0	5	
6/8/2011		36	49	19	7.5	4	0	7	
6/9/2011		36	50	17	7.5	4	0	8	changed time clock to 8 hrs on
6/10/2011		36	49	19	7.5	8	0	16	-
6/11/2011		36	50	20	7.5	8	0	17	
6/12/2011		36	50	21	7.5	8	0	15	
6/13/2011		37	50	21	7.5	8	0	5	12.5 min bt
6/14/2011		37	50	22	7.5	8	0	6	
6/15/2011		37	50	22	7.5	8	0	16	3.5 min bt
6/16/2011		38	61	22	7.5	8	0	17	
6/17/2011		40	53	23	7.5	8	0	16	
6/18/2011		39	52	23	7.5	8	0	15	
6/19/2011		39	52	23	7.5	8	0	16	
6/20/2011		39	53	24	7.5	8	0	16	
6/21/2011		39	52	24	7.5	8	0	15	
6/22/2011		40	53	24	7.5	8	0	17	
6/23/2011		61	76	15	7.5	8	1	16	3.25 min bt greased
6/24/2011		40	58	26	7.5	8	0	15	<u> </u>
6/25/2011		39	53	25	7.5		0	17	
6/26/2011		39	52	25	7.5	8	0	15	
6/27/2011		39	52	25	7.5	4	0	7	si squeeze well
6/28/2011		40	52	0		4	24		reopen well
6/29/2011		40	53	26		8	0	14	-
6/30/2011		37	53	27	7.5		Ō	13	
7/1/2011		0	0	0			0	0	

Total 618 338

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Wälter.#5
St. Francis
St. Francis
Pumping Unit/Elec
July-11

	Tubing	Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC M	ICF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters
7/1/2011		41	52	26	7.5	8	0	16	
7/2/2011		40	52	26	7.5	8	0	14	
7/3/2011		40	52	26	7.5	8	0	15	
7/4/2011		40	53	27	7.5	8	0	17	
7/5/2011		39	52	27	7.5	8	0	14	
7/6/2011		41	52	27	7.5	8	0	19	3 min bt greased
7/7/2011		39	52	27	7.5	8	0	20	
7/8/2011		39	52	27	7.5	8	0	17	
7/9/2011		39	52	27	7.5	8	0	16	
7/10/2011		39	52	27	7.5	8	0	14	
7/11/2011		39	52	27	7.5	8	0	16	
7/12/2011		39	52	27	7.5	8	0	13	4.5 min bt
7/13/2011		33	51	25	7.5	8	1	15	
7/14/2011		38	51	25	7.5	8	0	12	
7/15/2011		40	52	25	7.5	8	0	11	
7/16/2011		40	52	25	7.5	8	0	12	
7/17/2011		44	59	24	7.5	8	0	10	
7/18/2011		41	54	24	7.5	8	0	11	
7/19/2011		44	62	23	7.5	8	2	12	
7/20/2011		44	55	24	7.5	8	0	13	
7/21/2011		50	64	21	7.5	4	0	6	pu off hfp
7/22/2011		36	57	24	7.5	4	0	6	restart pu
7/23/2011		40	49	24	7.5	8	0	16	3.5 min bt
7/24/2011		40	50	24	7.5	8	0	15	
7/25/2011		37	50	25	7.5	8	0	17	
7/26/2011		36	49	25	7.5	8	0	18	
7/27/2011		37	50	25	7.5	8	0	16	
7/28/2011		38	50	25	7.5	8	0	17	3.25 min bt
7/29/2011		53	61	16	7.5	4	0	5	pu off at pole hfp
7/30/2011		39	58	26	7.5	4	0		started pumping unti
7/31/2011		39	54	24	7.5	8	0	16	

Total 775 425

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Walter,#5

St. Francis

St. Francis

Pumping Unit/Elec

August-11

		Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC M		SPM		DOWN	BBLS	(Maximum length 110 characters)
8/1/2011		39	51	25	7.5	8	0		
8/2/2011		38	51	25	7.5	8	0	17	
8/3/2011		37	50	25	7.5	8	0	17	
8/4/2011		38	51	25	7.5	8	0	19	3 min bt greased
8/5/2011		38	51	24	7.5	8	0	17	
8/6/2011		38	51	23	7.5	8	0	16	
8/7/2011		38	52	22	7.5	8	0	15	
8/8/2011		37	51	22	7.5	8	0	10	6 min bt
8/9/2011		38	51	22	7.5	8	0	16	pu off - restart
8/10/2011		35	49	22	7.5	8	0	14	
8/11/2011		80	62	22	7.5	4	0	5	shut pumping unit off hfp
8/12/2011		66	73	12	7.5	0	0	0	
8/13/2011		69	77	18	7.5	0	0	0	
8/14/2011		75	85	13	7.5	0	0	0	
8/15/2011		74	89	12	7.5	0	0	0	
8/16/2011		39	69	22	7.5	4	, o	5	restart pu
8/17/2011		84	71	9	7.5	4	5		pu off hfp
8/18/2011		42	72	16	7.5	4	4		restart pu
8/19/2011		54	64	20	7.5	8	1	16	•
8/20/2011		38	56	23	7.5	8	0	17	
8/21/2011		37	50	23	7.5		0	16	
8/22/2011		36	50	23	7.5		0	16	
8/23/2011		70	50	24			0	17	
8/24/2011		38	52	23	7.5	8	0	15	
8/25/2011		41	52	24			0	10	6 min bt
8/26/2011		38	58	23	7.5		0	10	•
8/27/2011		41	51	24			0		
8/28/2011		39	52	24	7.5		0		
8/29/2011		38		25			0		
8/30/2011		38		24			0		
8/31/2011		38		24			0		3.5 min bt

Total 663 346