KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		ACT			(See Instruc	tions on Re	verse Side	9)					
	en Flow liverabil	MSL.			Test Date 6/22/14	3 :				No. 15 3-20561-00 5	0			
Company		ources, inc					Lease Zimbeln	nan				1-24	Well Nu	πber
County Location Section Cheyenne NESW 24					Section 24		TWP 3S		RNG (E	(W)			Acres A 80	ttributed
Field Cherry C	Creek				Reservoir Niobrara					hering Conn Systems In				
Completic 9-10-200					Plug Bac 1496'	k Total Dep	th		Packer 8	Set at				
Casing Size Weight 4 1/2" 10.5#					Internal D 4.052	Diameter		Set at 1539'		rations 6'		то 1364	1	
Tubing Si NONE	ize	We	ight		Internal D	Internal Diameter Set at				rations		То		
		(Describe) entional)			Type Flui Dry Ga	d Productio	n			nit or Traveling ing Unit	Plunge	r? Yes)/ No	
Producing		Annulus / Tu	bing)	_	% C	arbon Diox	ide		% Nitrog	leu		Gas G	ravity - G	10
Vertical D	epth(H)	-		-		Pres Flan	sure Taps					(Meter 2"	Run) (Pr	over) Size
Pressure	Buildup	: Shut in _	S-7	2	0_14_at_9:		(AM)(PM)			20			~	AM)(PM)
Well on L	.ine:	Started 6	5-22	2	0 <u>14</u> at <u>9</u>	25	(AM) (PM)	Taken 6-	23	20	<u>14</u> at	10:10		AM)(PM)
						OBSERVE	D SURFAC	E DATA			Duratio	n of Shu	1-in_360	Hour
Static / Dynamic Property	Dynamic Size		Meter Prover Pressure		Temperature Temp		Tell Head wellhead Pressure (P_w) or (P_1) or (P_0) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia			Duration (Hours)		Produced
Shut-In			-				134	148.4	poig	psia				
Flow					_		54	68.4	_		360		0	
	<u> </u>					FLOW STF	REAM ATTR	IBUTES_						_
Plate Coefficcient (F _b) (F _p) Mcfd		Denuge Processes		Press Extension P _m xh	Gravity Factor F _g		Temperature Fa		riation Metered Flo		w GOR (Cubic Fe Barrel)		eet/	Flowing Fluid Gravity G _m
									-	40				
(P) ² =		. (P)2 =	:	(OPEN FLO	• •	'ERABILITY % (F) CALCUL ² c - 14.4) +		:) ² = 0.20)7
(P _c) ² - (I	P _a) ²	(P _c) ² - (P _w) ²		2. P _c ² - P _d ² ded by: P _c ² - P _d ²	LOG of formula 1, or 2.	P _c ² -P _w ²	Backpre Slop As	ssure Curve be = "n" - or signed ard Slope	, nx	rog	An	itilog	Op Deli Equals	en Flow verability R x Antilog Mcfd)
		_				_								
Open Flor	<u>w</u> _			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @	14.65 ps	sia	
	_	•					•			ne above repo Jecember	ort and t	hat he h	as knowl	edge of
tne tacts s	tated the	erein, and tha	ıt said	report is true		Kec	this the' eived ATION COMMIS			null	1	10)	Till	
	<u> </u>	Witne	ess (if an	y)		FEB 2	5 2015		L	For	Company	in	M	7
-		For C	ommissi	on		CONSERVAT	OISIVIO	1		Che	cked by			

WICHITA, KS

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 Zimbelman 1-24 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 Commissions staff as necessary to corroborate this claim for exemption from testing.	nn
Date: 12/12/14 Received KANSAS CORPORATION COMMISSION 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.

W380 Zimbelman 01-24 St. Francis St. Francis None June-134

	Casing				HRS	REMARKS
DATE	PSI	STATIC	MCF		DOWN	(Maximum length 110 characters)
6/1/20134	55	68		42	0	
6/2/2013	60	73		40	0	
6/3/2013	57	70		40	0	turn on pumping unit
6/4/2013	72	85		39	0	
6/5/2013	49	62		39	0	
6/6/2013	51	64		41	0	
6/7/2013	114	127		41	9	
6/8/2013	119	132		8	24	
6/9/2013	122	135		0	24	
6/10/2018	127	140		0	24	
6/11/2013	127	140		0	24	
6/12/2013	132			0	24	
6/13/2013	128			0	24	
6/14/2013	130	143		0	24	
6/15/2013	131	144		0	24	
6/16/2013	132	145		0	24	
6/17/2013	132	145		0	24	
6/18/2013	133	146		0	24	
6/19/2013	134	147		0	24	
6/20/2013	134	147		0	24	
6/21/2013	133	146		0	24	
6/22/2013	133	146		0	24	
6/23/2013	119	132		0	5	
6/24/2013	110	123		30	0	
6/25/2013	103	116		42	0	
6/26/2013	19	104		49	0	
6/27/2013	82	95		52	0	
6/28/2013	66	79		48	0	
6/29/2013	64	77		46	0	started pumping unit
6/30/201 3	54	67		42	0	
7/1/2013					0	

Total 599

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FEB 2 5 2015

CONSERVATION DIVISION WICHITA, KS

W380 Zimbelman 01-24 St. Francis St. Francis None July-14

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	Casing			HRS	Water	REMARKS
DATE	PSI _	STATIC	MCF	DOWN	BBLS	(Maximum length 110 characters)
7/1/2014	55	68	44	0	8	
7/2/2014	54	67	44	0	8	
7/3/2014	55	68	43	0	9	
7/4/2014	55	68	43	0	10	
7/5/2014	56	69	43	0	9	5 min bt
7/6/2014	56	69	43	0	8	
7/7/2014	71	84	43	0	9	
7/8/2014	57	70	42	0	10	
7/9/2014	58	71	42	0	9	
7/10/2014	58	71	42	0	8	
7/11/2014	59	72	42	0	9	
7/12/2014	61	74	41	0	10	
7/13/2014	62	. 75	42	0	9	
7/14/2014	72	85	41	0	10	
7/15/2014	51	64	40	0	8	
7/16/2014	51	64	40	0	9	
7/17/2014	54	67	40	0	10	
7/18/2014	54	67	40	0	9	
7/19/2014	54	67	40	0	8	
7/20/2014	54	67	40	0	10	
7/21/2014	100	113	40	0	9	
7/22/2014	129	142	27	22	8	
7/23/2014	83	96	0	7		
7/24/2014	62	. 75	42	3	2	
7/25/2014	65	78	39	4	0	started pumping unit
7/26/2014	50	63	44	0	4	
7/27/2014	52	65	40	0	8	
7/28/2014	54	67	40	0	9	
7/29/2014	56	69	40	0	10	
7/30/2014	53	66	40	0	9	
7/31/2014	54	67	40	0	10	<u>-</u>

Total 1227 258

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FEB 2 5 2015

CONSERVATION DIVIBION WICHITA, KS

W380 Zimbelman 01-24

St. Francis

St. Francis

None

Total

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August-14

	Casing						HRS		Water	REMARKS
DATE	PSI	S	TATIC MCF	SPM		CYCLE	DOWN		BBLS	(Maximum length 110 characters
8/1/2014		54	67	39	6.5		5	0	19	·
8/2/2014		54	67	39	6.5	6	5	0	19	
8/3/2014		56	69	39	6.5	(5	0	19	
8/4/2014		53	66	39	6.5	(5	0	19	5 min BT
8/5/2014		53	66	39	6.5	(5	0	19	
8/6/2014		53	66	39	6.5	6	5	0	19	
8/7/2014		54	67	39	6.5	(5	0	19	
8/8/2014		54	67	39	6.5	(5	0	19	
8/9/2014		58	71	39	6.5	ć	í	0	19	
8/10/2014		56	69	39	6.5	Ć	5	0	19	
8/11/2014		55	68	39	6.5	6	5	0	19	
8/12/2014		53	66	39	6.5	(5	0	19	
8/13/2014		54	67	39	6.5	ť	5	0	19	
8/14/2014		53	66	39	6.5	6	5	0	19	
8/15/2014		59	72	37	6.5	ϵ	5	3	19	
8/16/2014		57	70	36	6.5	(0	19	
8/17/2014		57	70	36	6.5	ϵ		0	19	
8/18/2014		58	71	39	6.5	ϵ		0	19	
8/19/2014		63	76	39	6.5	ϵ	<u> </u>	2	19	
8/20/2014		63	76	39	6.5	ć	î	0	19	
8/21/2014		57	70	36	6.5	6	5	0	19	
8/22/2014		57	70	35	6.5	6		0	19	
8/23/2014		51	64	35	6.5	ϵ	5	0	19	
8/24/2014		53	66	34	6.5	ϵ	ó	0	19	
8/25/2014		68	81	34	6.5	ϵ		0	19	
8/26/2014		54	67	34	6.5	ć	5	0	19	
8/27/2014		57	70	34	6.5	é		0	19	
8/28/2014		65	78	34	6.5	ϵ		0	9.5	
8/29/2014		52	65	23	6.5	ϵ	5	5	9.5	
8/30/2014		64	77	38	6.5	6	5	0	19	
8/31/2014		65	78	33	6.5	6		0	19	

1142

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570

FEB 2 5 2015

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