KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: 	MSI			(See Instru	ctions on Re	verse Side))					
	en Flow liverabilt			Test Dat 7/9/201					No. 15 3-21263-00 0	ď			
Company Rosewoo		ources, Inc.			_	Lease Zimbelr	nan			21-24	Well Nur	mber	
					Section TWP 24 3S			RNG (E 41W	(W)		Acres Attributed 80		
					ir ra			Gas Gathering Connection Branch Systems Inc.					
Completic 10/13/20				Plug Ba 1391'	ck Total De	pth		Packer \$	Set at				
5				Internal 6.366	Internal Diameter Set at 6.366 1431'			Perfo 119	rations 4'	т _о 1224'			
Tubing Si NONE	ize	We	ght	Internal	Diameter	Set	at	Perfo	Perforations To				
		(Describe) entional)		Type Flu Dry G	iid Productio	on		Pump U	nit or Traveling	Plunger? Yes	(No)	_	
Producing Annulus	•	Annulus / Tub	ing)	%	Carbon Dio	xide		% Nitrog	jen	Gas Gravity - G _g			
Vertical D						ssure Taps	_			(Meter Run) (Prover) Size 2"			
Pressure	Buildup:	Shut in	-9	20_15_at_6	Flange 15 at 6:05 (AM (PM) Taken 7-10					15 at 6:15	(,	AM((PM))	
Well on Line: Started 7-10 20			20 15 at	15 at 6:15 (AM) (PM) Taken 7-11					15 at 6:40	(AM)(PM)		
_					OBSERV	ED SURFAC	E DATA			Duration of Shut-	in <u>24</u>	Hou	
Static / Dynamic Property	c Size Prover Pressure in Tempera		al Temperature	nperature Temperature (P_w) or (P_s) or (P_s)			Tubing Wellhead Pressure (P _w) or (P _c) psig psia		Duration (Hours)	-	l Produced Sarrels)		
Shut-In		7.5				103	psla 117.4	paig _	psia_				
Flow				48	_ 			24	<u></u>				
	1	Circle one:			FLOW ST	REAM ATTR	IBUTES	<u>-</u>					
Plate Coefficcient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia	Press Extensio	n Fa	avity ctor = g	Flowing Temperature Factor F _{f1}	Factor R		Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
									6				
(P₀)² =		: (P _w)	· 2 =	(OPEN FI		VERABILITY) CALCUL		:	(P _a) (P _d)	²= 0.20)7 	
		(P _c) ² - (P _w) ² (P _c) ² - (P _w) ² (P _c) ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²		b LOG of formula 1. or 2.		Backpre Slo 	Backpressure Curve Slope = "n" or Assigned Standard Slope		roe	Antilog	Deli Equals	en Flow verability R x Antilog Mcfd)	
_	_							_			-		
Open Flov	w		Mcfd @	14.65 psia		Deliverat	nility			Mcfd @ 14.65 ps	ia	_	
	_									ort and that he ha	ıs knowl	edge of	
he facts st	tated the	erein, and tha	said report is t	rue and corre	ct. Execute	ed this the		aday of <u> </u>	411	11/11	F3	.:. <u> </u>	
		Witne	s (if any)			VICHITA		um.	For	Company	ul	//	
		For Co	mmission		APR 0	7 2016			Che	cked 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.
and that the foreg correct to the best of equipment insta I hereby reque	oing pressure information and statements contained on this application form are true and 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 Zimbelman 21-24
gas well on the gro	ounds that said well:
(Check	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 to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary Date: 12/18/15	to corroborate this claim for exemption from testing.
	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.

W2736 Zancelman 21-24-1

St. Francis

St. Francis

Flow

July-15 FloBoss

FloBoss								
	Tubing	Casing			HRS Water	REMARKS		
DATE	PSI		TATIC MCF		CYCLE DOWN BBLS	(Maximum length 110 characters)		
7/1/2015		45	58	6	0			
7/2/2015		45	58	6	0			
7/3/2015		44	57	6	0			
7/4/2015		44	57	6	0			
7/5/2015		44	57	6	0			
7/6/2015		44	57	6	2			
7/7/2015		44	57	6	0			
7/8/2015		44	57	6	16			
7/9/2015		103	116	0	24			
7/10/2015		173	186	0	14			
7/11/2015		98	111	12	0			
7/12/2015		71	84	12	0			
7/13/2015		55	68	8	0			
7/14/2015	14/2015 45 58 8 0		0					
7/15/2015		46	59	6	0			
7/16/2015		44	57	6	0			
7/17/2015		44	57	6	0			
7/18/2015		44	57	6	0			
7/19/2015		43	56	6	0			
7/20/2015		43	56	6	0			
7/21/2015		48	61	6	2			
7/22/2015		43	56	6	0			
7/23/2015		43	56	6	0			
7/24/2015		43	56	6	0			
7/25/2015		43	56	6	0			
7/26/2015		43	56	6	0			
7/27/2015		42	55	6	0			
7/28/2015		42	55	6	0			
7/29/2015		42	55	6	0			
7/30/2015		42	55	6	0			
7/31/2015		42	55	6				
Total				190		0		

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W2736 Zmbe/man/21-24

St. Francis

St. Francis

Flow

August-15

FloBoss

	Tubing	Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
8/1/2015		43	3 56	5	6			0	
8/2/2015		44	1 57	7	6			0	
8/3/2015		43	3 56	5	6			0	
8/4/2015		43			6			0	
8/5/2015		42	2 55	5	6			0	
8/6/2015		42	2 55	5	6			0	
8/7/2015		43	3 56	5	6			0	
8/8/2015		43			6			0	
8/9/2015		42			6			0	
8/10/2015		46			6			0	
8/11/2015		4'			6			0	
8/12/2015		4			6			0	
8/13/2015		4			6			0	
8/14/2015		43	8 61	l	6			0	
8/15/2015		43			6			0	
8/16/2015		4	9 62	2	6			0	
8/17/2015		49	9 62	2	6			0	
8/18/2015		49	9 62	2	6			0	
8/19/2015		4	8 6	l	6			0	
8/20/2015		4:	8 6	1	6			0	
8/21/2015		4	8 6	l	6			0	
8/22/2015		4	8 6	l	6			0	
8/23/2015		4	8 6	I	6			0	
8/24/2015		4	8 6	i	6			0	
8/25/2015		4		l	6			0	
8/26/2015		4:		l	6			0	
8/27/2015		4.	8 6	1	6			0	
8/28/2015		4		l	6			0	
8/29/2015		4		1	6			0	
8/30/2015		4	8 6	1	6			4	
8/31/2015		4	8 6	i	6			0	

0 Total 186

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W2736

Zimbelman 21-24 😘

St. Francis

St. Francis

Flow

September-15

FloBoss

FloBoss									
	Tubing	Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC		SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
9/1/2015		43	56	ı	6			0	
9/2/2015		44	57	'	6			0	
9/3/2015		46	59		6			0	
9/4/2015		46	59		6			0	
9/5/2015		56	69		6			0	
9/6/2015		55	68		6			0	
9/7/2015		53	66		6			0	
9/8/2015		53	66	ı	6			0	
9/9/2015		46	59	ı	6			0	
9/10/2015		46	59		6		į	0	
9/11/2015		46	59		6		1	0	
9/12/2015		46	59		6			0	
9/13/2015		46	59		6		1	0	
9/14/2015		46	59		6			0	
9/15/2015		46	59		6			0	
9/16/2015		46	59		6			0	
9/17/2015		46	59		6		1	0	
9/18/2015		46	59		6		1	0	
9/19/2015		46	59		6		1	0	
9/20/2015		46	59		6			0	
9/21/2015		46	59		6		1	0	
9/22/2015		46	59		6			0	
9/23/2015		46	59		6			0	
9/24/2015		46	59		6		1	0	
9/25/2015		46	59		6		1	0	
9/26/2015		46	59		6			0	
9/27/2015		46			6		1	0	
9/28/2015		46	59		6		1	0	
9/29/2015		46			6			0	
9/30/2015		46			6			0	
10/1/2015			13				1	0	

Total 180 0

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