KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		o 7 -		(See Instruc	ctions on Rev	verse Side))					
Open Flow					T4 D-4	Toot Date:				I No. dE				
Deliverabilty					6/22/14	Test Date: 6/22/14				API No. 15 023-20610-00 00				
Company		sou	rces, Inc.	<u> </u>			Lease Zimbeln	nan				Well Nu	mber	
County Cheyenr	ne	<u> </u>	Locati SW SV		Section 18				RNG (E 40W	/W)		Acres Attributed		
Field Cherry C	Creek				Reservoir Niobrara					thering Conn				
Completion Date				Plug Bac 1440'	Plug Back Total Depth				Set at					
Casing Si	ize		Weigh 10.5#		Internal D 4.052	Internal Diameter Set at				orations 8'	To 1282'			
Tubing Si	ize		Weigh			Internal Diameter Set at				prations	То			
Type Con Single (Type Flui Dry Ga	d Productio	on			nit or Traveling	Plunger? (Yes)/ No		
			nulus / Tubin	n)		arbon Diox	ide		% Nitrog	<u> </u>	Gas Gr	avity - 0		
Annulus		,	·	-,					·		.6	•	y	
Vertical D	epth(l	H)		<u> </u>		Pres	sure Taps				(Meter	Run) (P	rover) Size	
1282'					<u> </u>	Flan	ige				2"			
Pressure	Buildu	ıp:	Shut in 6-7	2	0 14 at 8	:40	((AM))(PM)	Taken 6;	16	20	14 _{at} 8:55	(ÂM)(PM)	
Well on L	ine:		Started 6-2		0 14 at 8		. (AM) (PM)	Taken 6-	23	20	14 at 9:40	(AM)(PM)		
						OBSERVE	ED SURFACE	E DATA			Duration of Shut-	in_360	Hours	
Static / Dynamic	Orif Siz		Circia ona: Mater Prover Presso	Pressure Differential	Flowing Well Hea		_ Wellhead Pressure		Tubing Wellhead Pressure		Duration (Hours)	Liquid Produced (Barrels)		
Property	(inch	es)	psig (Pm)	in Inches H ₂ 0	t	t	(P _w) or (P _t) or (P _c) psig psia		P _w or P _t or P _c psig psia		p 10010) [B		Daileis)	
Shut-In							222	236.4						
Flow							50	64.4			360	0		
,						FLOW STI	REAM ATTR	BUTES					- -	
Plate Coeffieci (F _b) (F Mcfd	ient _p)	Pro	Circle one: Meter or over Pressure psia	Press Extension	Grav Fact	tor	Flowing Temperature Factor F _{ff}	Fa	iation ctor : pv	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
										25			1	
					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS			² = 0.2	07	
(P _c)² =		_:_	(P _w) ² =		P _d =		% (P	<u>- 14.4) +</u>	14.4 =	 :	(P _d)	=		
(P _c) ² - (F or (P _c) ² - (F		(F	P _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _d ²	LOG of formula 1. or 2: and divide	P _c ² -P _w ²	Slop Ass	ssure Curve 00 = "n" - or~ signed	l n x	LOG	Antilog	Del Equals	en Flow iverability R x Antilog (Mcfd)	
				divided by: Pc2-Pw	by:		Standa	ard Slope						
Open Flor	<u>w</u>			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 ps	ia		
The (unders	igne	d authority, o	n behalf of the	Company, s	states that I	he is duly au			•	ort and that he ha	ıs know	ledge of	
the facts s	tated t	herei	in, and that s	aid report is true		Rec	eiveu			December	41-	, : 25	20 <u>14</u>	
			Witness (if any)	KAN:		ATION COMMIS		Tar	1MUL FOR	W/W/	w	4_	
		_					2 5 2015						, 	
			For Comm	NO BEEN	(FION DIVISION IITA, KS	1		une	cked by			

	der 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.
and that the fore correct to the bes	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 Zimbelman 1-18 rounds that said well:
(Check	cone)
	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
\checkmark	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: <u>12/12/14</u>	
	Received Signature: FEB 2 5 2015 CONSERVATION DIVISION WICHITA, KS Title: Production Assistant

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.

W379

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Zimbelman 1-18

St. Francis

St. Francis

None

June-134

FloBoss

FIOBOSS					
	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
6/1/20132	50	62	2:	2 0	
6/2/2013	55	68	2	0 0	
6/3/2013	49	62	2	0 0)
6/4/2013	65	78	2	0 0	
6/5/2013	46	59	2	0 0	į
6/6/2013	47	60	2	0 0	1
6/7/2013	177	190	13	2 9	
6/8/2013	189	202		0 24	
6/9/2013	201	214	i	24	
6/10/2013	213) 24	
6/11/201	222			0 24	
6/12/201	227			0 24	
6/13/201	229	242		0 24	
6/14/2013	230	243	1	0 24	
6/15/2013	230	243	1	0 24	
6/16/2013	231	244		0 24	
6/17/2013	232	245		0 24	
6/18/2013	231	244	į	0 24	,
6/19/2013	226	239		0 24	,
6/20/2013	224	237		0 24	
6/21/2013	222	235	1	0 24	
6/22/2013	222	235		0 24	
6/23/2013	117	130	3	0 5	;
6/24/2013	106	119	3	3 0)
6/25/2013	100	113	2	9 0)
6/26/2013	90	103	2		
6/27/2013	81	94	2	5 0)
6/28/2013	50	63	2	5 0)
6/29/2013	50	63	2	4 0	started pumping unit
6/30/2013	51	64	2	4 0)
7/1/2013				0)

351

Total

Received KANSAS CORPORATION COMMISSION

FEB 2 5 2015

CONSERVATION DIVISION WICHITA, KS

W379

Zimbelman 1-18

St. Francis

St. Francis

None

July-14

FloBoss

	Casing			HRS	Wat	er	REMARKS
DATE	PSI	STATIC	MCF_	DOWN	BBI		(Maximum length 110 characters)
7/1/2014	51	64		25	0	9	
7/2/2014	51	64	2	25	0	10	
7/3/2014	51	64	2	26	0	11	
7/4/2014	51	64	2	26	0	10	
7/5/2014	52	65	2	26	0	9	
7/6/2014	53	66	2	26	0	11	
7/7/2014	53	66	2	24	0	10	
7/8/2014	53	66	2	24	0	9	
7/9/2014	55	68	- 2	24	0	10	
7/10/2014	56	69	2	24	0	11	
7/11/2014	58	71	2	24	0	10	\
7/12/2014	57	70	2	24	0	9	
7/13/2014	59	72	- 2	24	0	10	
7/14/2014	60	73	2	24	0	11	
7/15/2014	48	61	2	25	0	10	6.5 min bt
7/16/2014	50	63	1	25	0	9	
7/17/2014	51	64	- 2	25	0	10	
7/18/2014	51	64	2	25	0	9	
7/19/2014	47	60	2	25	0	11	
7/20/2014	50	63		25	0	10	
7/21/2014	132	145		25	0	9	
7/22/2014	147	160		4	22	10	
7/23/2014	75	88	1	25	7	11	
7/24/2014	57	70	2	25	3	9	
7/25/2014	49	62	2	23	4	10	
7/26/2014	48	61		25	0	11	
7/27/2014	49	62		25	0	10	
7/28/2014	50	63	2	25	0	9	
7/29/2014	49	62	2	25	0	10	
7/30/2014	50	63		25	0	11	
7/31/2014	50	63	:	25	_0	11	

Total 748 310

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CONSERVATION DIVISION WICHITA, KS

W379

Zimbelman 1-18

St. Francis

St. Francis

None

August-14

FloBoss

FloBoss									
	Casing					HRS	Water		REMARKS
DATE	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
8/1/2014	50			9			0	10	
8/2/2014	50						0	10	
8/3/2014	50			9	9		0	10	
8/4/2014	50	63	25	9	9		0	10	
8/5/2014	51	. 64	25	9			0	10	
8/6/2014	52	. 65	25	9	9		0	10	
8/7/2014	64		25	9	9		0	10	
8/8/2014	52	. 65	25	9	9		0	10	
8/9/2014	54	67	25	9	9		0	10	
8/10/2014	55				9		0	10	
8/11/2014	55	68	25	9	9		0	10	
8/12/2014	49				9		0	10	
8/13/2014	51			9	9		0	10	
8/14/2014	50	63	25	9	9		0	10	
8/15/2014	56	69	24	9	9		3	10	
8/16/2014	55	68	25	9			0	10	
8/17/2014	55	68	25	9	9		0	10	
8/18/2014	55	68	25	9	9		0	10 6.5	5 min BT
8/19/2014	63	76	25	9	9		2	10	
8/20/2014	54	67	23	9	9		0	10	
8/21/2014	52	65	25	9	9		0	10	
8/22/2014	64	77	25	9	9		0	10	
8/23/2014	49	62	25	9	9		0	10	
8/24/2014	50	63	25	9	9		0	10	
8/25/2014	76	81	25	9	9		0	10	
8/26/2014	53	66	25	9	9		0	10	
8/27/2014	54			9	9		0	10	
8/28/2014	115			9			0	5	
8/29/2014	48			9			5	5	
8/30/2014	48			9	9		0	10	
8/31/2014	63	76	25	9	9		0	10	

Total 770 300

Received KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION WICHITA, KS