KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:	4.67		(See Instruct	tions on Rev	rerse Side	=)				
Op	en Flow	AZZ		~				AD	I NI - 45			
	liverabilty			Test Date 6/22/14):				I No. 15 3 - 20790-00 0	Va		
Company		ources, Inc.		_ .		Lease Zweygai	rdt			24-12	Well Number	
County Location S Cheyenne SESW				Section 12				RNG (E/W) 41W			Acres Attributed 80	
Field Cherry C	Creek				Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.			
Completion 8/3/2007				Plug Bac	k Total Dept	th		Packer S	Set at			
Casing S		Weigh 23#	t	Internal E	Diameter	Set a 1338		Perfo	orations O'	 То 1390'		
Tubing S	ize	Weigh	t	Internal [Diameter	Set a			orations	То		
Type Con Single (Describe) ntional)		Type Flui Dry Ga	d Production	n		Pump U	nit or Traveling	Plunger? Yes	(No)	
Producing	_	Annulus / Tubing	3)	% C	arbon Dioxi	de		% Nitrog	gen	Gas Gra	avity - G _g	
Vertical C	-		_ _		Pres	sure Taps					Run) (Prover) Size	
1393'					Flan	ge				2"_		
Pressure	Buildup:	Shut in6-7	2	0 14 at 9	:00	(AM)(PM)	Taken 6	-13		14 at 9:15	(AM) (PM)	
Well on L		Started 6-2	22	o <u>14</u> at <u>9</u>	:15	(AM) (PM)	Taken 6-	23	20	14 at 10:00	(AM)(PM)	
					OBSERVE	D SURFACE	DATA			Duration of Shut-	n_360Hours	
Static / Dynamic	Orifice Size	Circle one: Meter Prover Pressu	Pressure Differential in	Flowing Temperature	Well Head Temperature	Casi Wellhead I (P _w) or (P	Pressure	Wellhe	Tubing ead Pressure or (P_t) or (P_c)	Duration (Hours)	Liquid Produced (Barrels)	
Property Shut-In	(inches)	psig (Pm)	Inches H ₂ 0	t	t	psig	psia 242.4	psig	psia			
-	_	 -				 	68.4		 	360		
Flow				l	ELOW STR	54 EAM ATTRI		L		300	<u> </u>	
Plate		Circle one:				Flowing	_			- - 	Flowing	
Coeffiec (F _b) (F Mcfd	ient	Meter or Prover Pressure psia	Press Extension P _m x h	Grav Fact	tor 1	Temperature Factor F _{II}	Fe	iation ctor pv	Metered Flow R (Mcfd)	w GOR (Cubic Fer Barrel)	l Buid	
									13			
	,			(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P.)	= 0.207	
(P _c) ² =		(P _w) ² =	:_	P _d =		<u>%</u> (P	_c - 14.4) +	14.4 = _	<u>:</u>	(P _a):		
(P _c) ² - (1 or (P _c) ² - (1	P _a) ²	(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	sure Curve e = "n" or igned		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
-	_		divided by: $P_c^2 - P_w$	2 by:	<u> </u>	Stands	ard Slope	+			(3300)	
Open Flo	w		Mcfd @ 14.	65 psia		Deliverab	ility	_		Mcfd @ 14.65 psi	a	
The	undersigr	ed authority, or	n behalf of the	Company, s	states that h	e is duly au	thorized t			ort and that he ha	s knowledge of	
the facts s	tated the	rein, and that sa	aid report is true	e and correc	t. Executed	this the 12	2	day of _	December		, 20 <u>14</u> .	
		Witness (i	f anyl	———KANSA	Receiv S CORPORATIO	on commission	N	Da	nall	MOUT	inoy	
	_				FEB 2	5 2015 _				cked by	<i>(</i> /	
		For Comm	ISSION			N DRIEGON			Cne	was by		

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
correct to the best	poing 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 allation and/or upon type of completion or upon use being made of the gas well herein named.
gas well on the gr	ounds that said well:
(Check	
	is a coalbed methane producer
片	is cycled on plunger lift due to water
님	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 to corroborate this claim for exemption from testing.
Date: 12/12/14	
KAI	Received ISAS 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.

W2447 Zweygardt 24-12 St. Francis St. Francis Flow June-134

	Casing			HRS	Water	REMARKS
DATE		TATIC MCF		<u>D</u> OWN	BBLS	(Maximum length 110 characters)
6/1/20134	54	67	13	(
6/2/201	60	73	12	(
6/3/201	59	72	13	(
6/4/2018	73	86	11	(
6/5/2013	49	62	14	()	
6/6/2013	50	63	13	()	
6/7/2013	52	65	13	ç		
6/8/2013	188	201	5	24	,	
6/9/2013	191	204	0	24	,	
6/10/2011	196	209	0	24		
6/11/2013	197	210	0	24		
6/12/2013	202	215	0	24		
6/13/2013	228	241	0	24		
6/14/2013	229	242	0	24		
6/15/2013	230	243	0	24		
6/16/2013	230	243	0	24		
6/17/2013	230	243	0	24	ļ	
6/18/201 \$	231	244	0	24	ļ	
6/19/2018	226	239	0	24		
6/20/2013	226	239	0	24	,	
6/21/2013	228	241	0	24	ļ.	
6/22/2013	228	241	0	24	ļ	
6/23/2013	124	137	16	4	5	
6/24/2013	111	124	19	()	
6/25/2013	103	116	14	(
6/26/2013	90	103	14	(
6/27/2013	83	96	15	(
6/28/2013	66	79	16	(
6/29/2013	64	77	15	(
6/30/201	55	68	14	(
7/1/2013				()	

Total 217 0

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W2447 Zweygardt 24-12 St. Francis St. Francis Flow

July-14

Casing				HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN	BBLS	(Maximum length 110 characters)
7/1/2014	51	64	14		0	
7/2/2014	51	64	14		0	
7/3/2014	54	67	14		0	
7/4/2014	54	67	14	•	0	
7/5/2014	56	69	14		0	
7/6/2014	56	59	14	,	0	
7/7/2014	72	85	12		0	
7/8/2014	57	70	13		0	
7/9/2014	57	70	13		0	
7/10/2014	57	70	13		0	
7/11/2014	59	72	13		0	
7/12/2014	60	73	13		0	
7/13/2014	61	74	13		0	
7/14/2014	70	83	13		0	
7/15/2014	51	64	13		0	
7/16/2014	51	64	13		0	
7/17/2014	54	67	13		0	
7/18/2014	54	67	13		0	
7/19/2014	54	67	13		0	
7/20/2014	52	65	13		0	
7/21/2014	77	90	12		0	
7/22/2014	176	189	4	2	22	
7/23/2014	81	94	1		7	
7/24/2014	65	78	19	ı	3	
7/25/2014	63	76	12		4	
7/26/2014	51	64	14		0	
7/27/2014	52	65	13		0	
7/28/2014	55		13		0	
7/29/2014	58		13		0	
7/30/2014	53		13		0	
7/31/2014	56	69	12		0	

Total 391 0

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W2447

Zweygardt 24-12

St. Francis

St. Francis

Flow

August-14

	Casing		H	RS Water	REMARKS
DATE	PSI	STATIC MCF	D	OWN BBLS	(Maximum length 110 characters)
8/1/2014	54	67	12	0	
8/2/2014	54	67	12	0	
8/3/2014	55	68	12	0	
8/4/2014	54	67	12	0	
8/5/2014	54	67	12	0	
8/6/2014	54	67	12	0	
8/7/2014	55	68	12	0	
8/8/2014	56	69	12	0	
8/9/2014	56	69	12	0	
8/10/2014	58	71	12	0	
8/11/2014	56	69	12	0	
8/12/2014	53	66	12	0	
8/13/2014	51	64	12	0	
8/14/2014	53	66	12	0	
8/15/2014	59	72	11	3	
8/16/2014	56	69	12	0	
8/17/2014	56	69	12	0	
8/18/2014	58	71	12	0	
8/19/2014	63	76	11	2	
8/20/2014	63	76	11	0	
8/21/2014	67	70	12	0	
8/22/2014	61	74	12	0	
8/23/2014	47	60	12	0	
8/24/2014	53	66	12	0	
8/25/2014	76	89	11	0	
8/26/2014	60	73	12	0	
8/27/2014	63	76	12	0	
8/28/2014	63	76	12	0	
8/29/2014	51	64	11	5	
8/30/2014	51	64	12	0	
8/31/2014	64	77	12	0	

Total 367 0

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