KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: en Flow	. AC	ST.		((See Instruc	tions on Re	everse Side	9)				
g	liverabil				Test Date 8/22/20					I No. 15 3-21255-00 0	a		
Company		source	s, Inc.		O/EE/EO	12	Lease Zweyga	ardt		21200 004	13-19	Well Number	
County Location Cheyenne NWSW				on	Section 19			TWP RNG (E/W) 3S 40W			Acres Attributed 80		
Field Cherry Creek					Reservoi Niobrar		Gas Gathering Conr Branch Systems Ir				REC	EIVED	
Completion Date 11/12/10				,	Plug Bac	k Total Dep	oth		Packer \$	Set at	, , , , , , , , , , , , , , , , , , , ,	JAN	0 3 2013
Casing Size Weight 4 1/2" 10.5#				Internal I	Diameter	Set at 1500'		Perfo	rations 4'	То		MICHIT.	
Tubing Size Weight NONE				Internal	Diameter	Set at			prations	То	NCC_V		
Type Con Single (Type Flui Dry Ga	id Productio	n Pump Unit or flowing				Traveling Plunger? Yes No		
Producing	Thru (s / Tubing	1)		Carbon Diox	ide				Gas Gravity - G _g		
Annulus Vertical D)				Pres	ssure Taps). (A)			Meter Run) (Prover) Size	
1515'						Flar	•				2"		
Pressure	Buildup	: Shu	t in _8-2	1 2	12 at 5	:10	(AM)(PM)	Taken 8	-22	20	12 at 5:25 (AM((PM)))
Well on Line: Started 8-22				12 at 5						12 at 5:40	(AM)(PM)		
					,	OBSERVE	D SURFAC	E DATA			Duration of Shut	t-in 24 Hou	urs
Static / Dynamic Property	Dynamic Size		e Prover Pressure		Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing ead Pressure or (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			psig 223	psia 237.4	psig psia				_
Flow						82	96.4			24			
						FLOW ST	REAM ATTE	RIBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Fac	Gravity Factor F _g		Fa	viation actor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic For Barrel	eet/ Fluid	
										14			
/D \2			/D \2				/ERABILITY) ² = 0.207	
(P _c) ² =	T	<u> </u>	(P _w) ² =	Choose formula 1 or 2	P _d =			P _c - 14.4) +		:	(P _d)2 =	\neg
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		(P _c) ² - (P _w) ² 1. P _c ² - P _a LOG of formula 1. or 2. and divide by: P _c ² - P _w by:		Slo	Backpressure Curve Slope = "n"or Assigned Standard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)	og	
								····					
Open Flow Mcfd @ 14.65 psia						Deliverability Mcfd @ 14.65 psia							
							-			ne above repo December	rt and that he h	as knowledge of	
uie racts si	iated th	erein, a	nd that sa	id report is true	e and correc	t. Executed	this the		day of	1	11 1	, 20 12	- •
		· • · · · · · · · · · · · · · · · · · ·	Witness (if	any)			-		/C	MM	Company O	ww	_
			For Commi	ssion			-			Chec	cked by		_

JAN 03 2013

	KCC WICHITA
·	y of perjury under the laws of the state of Kansas that I am authorized to request C.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	ssure information and statements contained on this application form are true and
correct to the best of my kn	owledge and belief based upon available production summaries and lease records
of equipment installation an	d/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 Zweygardt 13-19
gas well on the grounds tha	at said well:
(Check one)	
is a coal	bed methane producer
is cycled	d on plunger lift due to water
is a sou	rce of natural gas for injection into an oil reservoir undergoing ER
is on vac	cuum at the present time; KCC approval Docket No
✓ is not ca	apable of producing at a daily rate in excess of 250 mcf/D
	borate this claim for exemption from testing.
Date: 12/19/12	
Duto.	
	Signature:
	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.

RECEIVED JAN 0 3 2013

KCC WICHITA

W2731 Zweygardt 13-19

St. Francis

St. Francis

Flow

August-12

FloBoss								
	Tubing	g Casing				HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE DOWN	BBLS	(Maximum length 110 characters)
8/1/2012		83	96	14				
8/2/2012		77	90	14				
8/3/2012		78	91	14				
8/4/2012		75	88	14				
8/5/2012		85	98	14				
8/6/2012		76	89	14				
8/7/2012		82	95					
8/8/2012		79	92					
8/9/2012		77	90					
8/10/2012		90	103					
8/11/2012		79	82			1.5		
8/12/2012		76	89					
8/13/2012		75	88					
8/14/2012		76	89					
8/15/2012		85	98					
8/16/2012		75	. 88					
8/17/2012		76	89					
8/18/2012		80	93					
8/19/2012		77	90					
8/20/2012		74	87					
8/21/2012		67.	_ 80					si for state test cp-76
8/22/2012		22				24		reopened cp-223
8/23/2012		82	95					
8/24/2012		84	97					
8/25/2012		82	95					
8/26/2012		78	91	14				
8/27/2012		77	90					
8/28/2012		76	89					
8/29/2012		78	91	14				
8/30/2012		77	90	14				
8/31/2012		. 77	90	14				

W2731

Zweygardt 13-19

St. Francis

St. Francis

Flow

September-12

JAN 0 3 2013 KCC WICHITA

	Casing				HRS	REMARKS
DATE	PSI	STATIC	MCF		DOWN	(Maximum length 110 characters
9/1/2012	76	89		14		
9/2/2012	80	93		14		
9/3/2012	76	89		14		
9/4/2012	76	89		14	1	
9/5/2012	89	102		14		
9/6/2012	89	102		14		
9/7/2012	151	164		4	19	
9/8/2012	171	184		0	24	
9/9/2012	177	190		0	24	
9/10/2012	181	194		0	24	
9/11/2012	183	196		0	24	
9/12/2012	184	197		0	24	
9/13/2012	144	157		13	10	
9/14/2012	121	134	2	22		
9/15/2012	112	125		17		
9/16/2012	106	119		17		
9/17/2012	99	112		15		
9/18/2012	84	97		15		
9/19/2012	92	105		15		
9/20/2012	76	89		15		
9/21/2012	75	88		15		
9/22/2012	76	89		14		
9/23/2012	75	88		14		
9/24/2012	75			14		
9/25/2012	79			14		:
9/26/2012	80		•	14		
9/27/2012	86	99	•	14		
9/28/2012	80			14		
9/29/2012	79		•	14		
9/30/2012	79	92		14		
10/1/2012						

Total

JAN 03 2013

KCC WICHITA

W2731

Zweygardt 13-19

St. Francis

St. Francis

Flow

October-12

FloBoss						
	Casing			H	IRS	REMARKS
DATE	PSI	STATIC	MCF	D	OWN	(Maximum length 110 characters)
10/1/2012	79	92		14		
10/2/2012	79	92		14		
10/3/2012	79	92		13		
10/4/2012	77	90	•	13		
10/5/2012	77	90	1	13		
10/6/2012	77	90	1	13		
10/7/2012	77	90	1	13		
10/8/2012	78	91		13		
10/9/2012	78	91		13		
10/10/2012	79	92	,	13		
10/11/2012	79	92	,	13		
10/12/2012	78	91		13		
10/13/2012	78	91		13		
10/14/2012	81	94		13		
10/15/2012	78	91		13		
10/16/2012	92	105		13		1
10/17/2012	80	93		13		
10/18/2012	76	89	ı	13		
10/19/2012	76	89	ı	13		
10/20/2012	78	91		13		
10/21/2012	76	89	ı	13		
10/22/2012	78	91		. 13		
10/23/2012	76	89	ı	13		
10/24/2012	76	89	ı	13	•	
10/25/2012	74	87		13		
10/26/2012	76	89	ı	13		•
10/27/2012	75	88		13		
10/28/2012	74	87		13		
10/29/2012	95			13	2	2
10/30/2012	88	101		13		
10/21/2012	7.5			10		

Total

10/31/2012

75

13

88