KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t: oen Flov	,	MSI		(See Instruc	tions on Re	verse Side	p)			
Deliverabilty					Test Date: 7/9/2015				l No. 15 3-21252-00 0	ın		
Company		our	ces, Inc.		175/201		Lease Zweyga					Well Number
County Location Cheyenne SESE				Section 24		TWP 3S		RNG (E 41W	/W)		Acres Attributed 80	
Field Cherry Creek				Reservoir Niobrara		Gas Gathering Branch Syste						
Completi 9/20/201		Þ			Plug Bac 1495'	k Total Dep	th		Packer	Set at		
Casing S 4 1/2"	Casing Size Weight 4 1/2" 10.5#			Internal Diameter 6.366			Set at 1535'		Perforations 1320'		то 1350'	
Tubing S			Weight		Internal [Set a	at		orations	To		
Type Cor Single ((Convi	enti	onal)		Dry Ga				Pump U flowin	nit or Traveling g		(No)
Producing Annulus	_	(Ann	ulus / Tubing)	% C	arbon Dioxi			% Nitrog	jen	.6	avity - G
Vertical D 1550'	Depth(H)				Pressure Taps Flange						(Meter I	Run) (Prover) Size
Pressure	Buildup	;	35 Anut in 7-9		20 15 at 5:35 (AM) (PM) 1				10	20	15 _{at} 5:50	(AM(PM)
Well on L				2	20 15 at 5:50 (AM) (PM) Taken 7-11						15 at 6:20	(AM)(PM)
						OBSERVE	D SURFAC	E DATA		_	Duration of Shut-	in 24 Hours
Static / Dynamic Property	Static / Orifice Meter Dynamic Size Prover Press Property (inches)		Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H_0	Flowing Well Head Temperature Temperatu		(P _w) or (P _r) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _j) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	 	Ì		·		_	psig	_{psia} 116.4	psig	μзια		 -
Flow							50	64.4			24	
						FLOW STE	REAM ATTR	IBUTES				
Plate Coeffiecient (F _b) (F _p) Mcfd			Circle one: Meter or over Pressure psia Press Extension P _m × h		Fact	Gravity Factor F _g		Fa	ation ctor	Metered Flow R (Mcfd)	y GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G
										13		
/D \2			/D 12		•	, ,	ERABILITY	•			(P _a)	² = 0.207
(P _c) ² =		•		hoose formula 1 or 2	2:	 `		ssure Curve				Open Flow
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P	2, P _c ² - P _s ² 2, P _c ² - P _s ² divided by: P _c ² - P _s ²		formula 1. er 2. and divide	1. er 2. and divide p 2 p 2		Slope ≈ "n" or Assigned Standard Slope		rog	Antilog	Deliverability Equals R x Antilog (Mcfd)
L					<u> </u>							
Open Flor				Mcfd @ 14.			Deliverab	-			Mcfd @ 14.65 psi	
				behalf of the d report is true							ort and that he ha	s knowledge of
uie iauts s	iaiou (il	oi eil	ı, anu mat sal	a report is trui			CHITA		Za,	/	Mai	Tani
			Witness (if	any)					<u>, end</u>	For	Company	
		 -	For Commis	saion	 	VPR_0.7	ZU16 -			Che	cked by	

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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 Zweygardt 44-24 gas well on the grounds that said well:
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 Commission staff as necessary to corroborate this claim for exemption from testing.
KCC WICHITA Signature: January Munitury APR 0 7 2016 RECEIVED

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.

W2738 Zweygardt44-24a h

St. Francis

St. Francis

Flow

July-15

FloBoss

Total

FloBoss									
	Tubing	Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
7/1/2015		52	65	13		•		0	
7/2/2015		52	65	13				0	
7/3/2015		51	64	13				0	
7/4/2015		52	65	13				0	
7/5/2015		51	64	13				0	
7/6/2015		50	63	14				2	
7/7/2015		50	63	14				0	
7/8/2015		50	63	14			1	6	
7/9/2015		50	63	0			2	4	
7/10/2015		102	115	0				4	
7/11/2015		95	801	15				0	
7/12/2015		76	89	15				0	
7/13/2015		62	75	15				0	
7/14/2015		52	65	15		0			
7/15/2015		53	66	14		0			
7/16/2015		51	64	14				0	
7/17/2015		51	64	14				0	
7/18/2015		50	63	14				0	
7/19/2015		50	63	13				0	
7/20/2015		49	62	13				0	
7/21/2015		54	67	13				2	
7/22/2015		50	63	13				0	
7/23/2015		50	63	13				0	
7/24/2015		50	63	13				0	
7/25/2015		50	63	13				0	
7/26/2015		50	63	13				0	
7/27/2015		49	62	13				0	
7/28/2015		49	62	13				0	
7/29/2015		49	62	13				0	
7/30/2015		49	62	13				0	
7/31/2015		49	62	13				0	

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0

W2738 ZWsygarot 44 24 1

St. Francis

St. Francis

Flow

August-15

FloBoss

DATE	Tubing	Casing	CTATIC 1	ACE (DM CNO	HRS	Water	REMARKS
DATE	PSI	PSI			SPM CYC	LE DOWN		(Maximum length 110 characters)
8/1/2015		47		13			0	
8/2/2015		47		13			0	
8/3/2015		48		13			0	
8/4/2015		47		13			0	
8/5/2015		47		13			0	
8/6/2015		47		13			0	
8/7/2015		47		13			0	
8/8/2015		48		13			0	
8/9/2015		49		13			0	
8/10/2015		5		13			0	
8/11/2015		54		13			0	
8/12/2015		54		13			0	
8/13/2015		53		13			0	
8/14/2015		54	67	13			0	
8/15/2015		55	68	13			0	
8/16/2015		53	5 68	13			0	
8/17/2015		5	68	13			0	
8/18/2015		53	68	13			0	
8/19/2015		5	68	13			0	
8/20/2015		5:	68	13			0	
8/21/2015		53	5 68	13			0	
8/22/2015		5:	5 68	13			0	
8/23/2015		5:	5 68	13			0	
8/24/2015		5:	5 68	13			0	
8/25/2015		59		13			0	
8/26/2015		59	72	13			0	
8/27/2015		59		13			0	
8/28/2015		59		13			0	
8/29/2015		59		13			0	
8/30/2015		5		13			4	
8/31/2015		59		13			0	

403 0 Total

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W2738

Zweysardi 44-24

St. Francis

St. Francis

Flow

September-15

FloBoss

FloBoss								
· · · · · · · · · · · · · · · · · · ·	Tubing	Casing				HRS	Water	REMARKS
DATE	PSI	PSI	STATIC MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
9/1/2015		50	63	13			0	
9/2/2015		51	64	13			0	
9/3/2015		53	66	13			0	
9/4/2015		53	66	13			0	
9/5/2015		62	75	13			0	
9/6/2015		61	74	13			0	
9/7/2015		59	72	13			0	
9/8/2015		59	72	13			0	
9/9/2015		52	65	13			0	
9/10/2015		52	65	13			0	
9/11/2015		52	65	13		(0	
9/12/2015		52	65	13			0	
9/13/2015		52	65	13			0	
9/14/2015		52	65	13			0	
9/15/2015		52	65	13		(0	
9/16/2015		52	65	13		(0	
9/17/2015		52	65	13		1	0	
9/18/2015		52	65	13		(0	
9/19/2015		52	65	13		(0	
9/20/2015		52	65	13		(0	
9/21/2015		52	65	13		(0	
9/22/2015		52	65	13		1	0	
9/23/2015		52	65	13			0	
9/24/2015		52	65	13		(0	
9/25/2015		52	65	13		(0	
9/26/2015		52	65	13		(0	
9/27/2015		52	65	13		4	0	
9/28/2015		52	65	13		(0	
9/29/2015		52	65	13		(0	
9/30/2015		52	65	13		i	0	
10/1/2015			13			_ (0	

Total 390 0

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