KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

ype Test	:					(See Instruc	ctions on Re	everse Sid	e)					
Op	en Flow	, į	SSL								l No. 15				
Deliverabilty				Test Date 5/9/201			-00								
ompany osewoo	od Res	sour	ces, Inc.					Lease Zweyg:	ardt			14-19	Well Nu	ımber	
ounty heyenr	ne		Loca SWSV			Section 19		TWP RNG (E/W) 3S 40W				Acres Attributed 80			
eld herry C	reek					Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.							
ompletic)				Plug Bac 1500'	k Total Dep	oth		Packer	Set at			- - *	
ising Si 1/2"	ze		Weig 10.5			Internal C 6.366	Diameter	Set at 1539'		Perforations 1314'		To 1344'			
bing Si ONE	20		Weig	ht	±	Internal C	Diameter	Set	at	Perf	rations	То	_		
	pletion Conve		oscribe) onal)			Type Flui Dry Ga	d Production	n		Pump U flowin	nit or Traveling	_	(No)	
oducing naulus		(Ann	nulus / Tubir	ng)		* C	arbon Diox	tide		% Nitrog	jen	Gas G	ravity -	G,	
rtical D	epth(H))					Pres Flar	ssure Taps		•	(Meter Run) (Prover) Size				
essure	Buildup);	Shut in 5-8	3	2	0 11 at 5		. (AMX(PM)	Taken_5	-9	20	11 at 5:55		(AM((PM))	
ell on L	Ine:	,	Started 5-9	9		0 11 at 5		(AM) (PM)			20	11 at 6:20		(AM)(PM)	
						,	OBSERVI	ED SURFAC	E DATA	,		Duration of Shut	1-in _24	Hour	
Static / Orifice ynamic Size roperty (inches)		Meter Prover Pressure		erus	Pressure Differential in	Flowing Temperature t	Well Head Temperature t	perature Wellhead Pres		Tubing Wellhead Pressure (P _w) or (P _t) or (P _o)		Ouration (Hours)		Liquid Produced (Barrels)	
hut-In			psig (Pm)		Inches H ₂ 0			psig 209	psia 223.4	psig	psia		+		
low								198	212.4			24	+		
		I			i		FLOW STI	REAM ATT	1	1	<u>, I, , , , , , , , , , , , , , , , , , </u>		 .		
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Grav Extension Fac ✓ P _m x h F		rity	Flowing Dev Femperature Fa		viation Metered Flo actor R F _{pv} (Mcfd)		w GOR (Cubic F Barrel	eel/	Flowing Fluid Gravity G		
											85			 	
	•					·	OW) (DELI	VERABILITY	/) CALCU	LATIONS)² = 0.2	207	
)² =		:	(P _w) ² :		: ose lornula 1 or 2:	P _d =		.% (P _c - 14.4)	+ 14.4 = _	:	(P _a) ² =		
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_a)^2$		(P _e) ² - (P _w) ²		:	1. P _e ² ·P _e ² 2. P _e ² ·P _d ²	LOG of formuta 1, or 2, and divide	P ₂ - P ₂ 2	Backpressure Ci Slope = "n" ar Assigned Standard Slop		n x LOG		Antilog	Del Equals	pen Flow tiverability s R x Antilog (Mctd)	
				CIVIO	edby: P _e ²-P _e ª		<u> </u>	J.C.	dard Glope				+		
en Flor	N				Mcfd @ 14.	65 psla		Delivera	bility			Mcfd @ 14.65 ps	sia	· · · · · ·	
					ehalf of the					_	ne above repo	ort and that he h		viedge of 20 11 .	
			Witness	(if any	n						For	Company	ر R	ECFIVE	
	-		For Com	missio	on .						Che	cked by		<u></u>	
													AP	PR 24 :	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to rexempt 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 trecorrect to the best of my knowledge and belief based upon available production summaries and lease of equipment installation and/or upon type of completion or upon use being made of the gas well herein to the laws of the laws of the gas well herein to the laws of the gas well herein t	ue and ecords
gas well on the grounds that said well:	
(Check one) 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 Costaff as necessary to corroborate this claim for exemption from testing.	mmission
Date: 12/28/11	
Signature: <u>Annul Guul</u> Title: <u>Production Assistant</u>	

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.

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W2741

Zweygardt 14-19

St. Francis

St. Francis

Flow

May-11

FloBoss

	_	Casing				HRS	Water	REMARKS
DATE	PSI	PSI	_		SPM	CYCLE DOWN	BBLS	(Maximum length 110 characters
5/1/2011		215	109					
5/2/2011		215	109					
5/3/2011		209	109	86				
5/4/2011		209	109					
5/5/2011		209	109					
5/6/2011		211	109					
5/7/2011		212	109					
5/8/2011		212	146	87				
5/9/2011		209	140	0		24		Compressor Down
5/10/2011		209	112					
5/11/2011		210	110					
5/12/2011		210	110	83				
5/13/2011		210	109	87				
5/14/2011		210	109	87				
5/15/2011		210	109	89				
5/16/2011		210	109	89				
5/17/2011		209	108	89				
5/18/2011		210	109	89				
5/19/2011		210	96	90				
5/20/2011		209	95	90				
5/21/2011		209	108	89				
5/22/2011		209	108	83				
5/23/2011		209	109	83				
5/24/2011		206	109	88				
5/25/2011		202	108	88				
5/26/2011		198	109	90				
5/27/2011		199	108	89				
5/28/2011		198	108	84				
5/29/2011		198	109	87				
5/30/2011		198	108	85				
5/31/2011		198	108	85				

Total 2505 0

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Zweygardt 14-19

St. Francis

St. Francis

Flow

June-11

FloBoss

Total

	Tubing	Casing				HRS	Water	REMA	
DATE	PSI	PSI	STATIC		SPM	CYCLE DOWN	BBLS	(Maximum length	110 characters)
6/1/2011		198							
6/2/2011		198	109						
6/3/2011		198	108	84					
6/4/2011		198	108	84					
6/5/2011		198		85					
6/6/2011		197							
6/7/2011		197							
6/8/2011		197	108	85					
6/9/2011		197	108	84					
6/10/2011		196							
6/11/2011		195	108						
6/12/2011		195	108						
6/13/2011		195							
6/14/2011		195	107	83					
6/15/2011		194	106	83					
6/16/2011		194	108	75					
6/17/2011		194	107	80					
6/18/2011		194	106	79					
6/19/2011		194	106	78					
6/20/2011		194	105	77					
6/21/2011		194	105	77					
6/22/2011		194	105	75					
6/23/2011		194	109	37		1			
6/24/2011		194	108	75					
6/25/2011		194	106	80					
6/26/2011		194	104	77					
6/27/2011		194	103	74					
6/28/2011		194	103	73					
6/29/2011		194	103	72					
6/30/2011		194	103	72					
7/1/2011									

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KCC WICHITA

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Zweygardt 14-19

St. Francis

St. Francis

Flow

July-11

FloBoss

Total

		Casing				HRS	Water	REMARKS
DATE	PSI	PSI	STATIC		SPM	CYCLE DOWN	BBLS	(Maximum length 110 characters)
7/1/2011		89		71				•
7/2/2011		69	82	71				
7/3/2011		69	82	70				
7/4/2011		70	83	70				
7/5/2011		88	101	69				
7/6/2011		87	100	69				
7/7/2011		88	101	69				
7/8/2011		88	101	68				
7/9/2011		87	100	68				
7/10/2011		87	100	67				
7/11/2011		86	99	67				
7/12/2011		85	98	67				
7/13/2011		79	92	67		1		
7/14/2011		85	98	64				
7/15/2011		68	81	65				
7/16/2011		69	82	65				
7/17/2011		73	86	65				
7/18/2011		94	107	65				
7/19/2011		87	100	62		2		
7/20/2011		85	98	65				
7/21/2011		93	106	58				
7/22/2011		83	96	68				
7/23/2011		83	96	64				
7/24/2011		82	95	63				
7/25/2011		83	96	63				
7/26/2011		82	95	63				
7/27/2011		82		63				
7/28/2011		83						
7/29/2011		96		56				
7/30/2011		70		67				
7/31/2011		70		62				

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