KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:		·T		(See Instruc	tions on R	everse Sid	e)					
Ор	en Flow	X	21		- . . .									
	liverabil				Test Date 4/18/20					No. 15 -20529-00	10			
Company		ourc	es, Inc.				Lease Whitme	ore				v 21-29	Vell Nun	nber
County Location Sherman NENW/4			Section 29		TWP 7\$		RNG (E/W) 39W			Acres Attribute				
Field Goodand			Reservoir Niobrara			Gas Gathering Conn Branch Systems In				RECEIVE				
Completic 6/5/08	Completion Date 6/5/08			Plug Back Total Depth 1209'		h		Packer Set at		-			JAN 03 23	
Casing Si 2 7/8"	Casing Size Weight 2 7/8" 6.5#			Internal Diameter 2.441		Set at 1209'		Perforations 1034'			то 1064'	KC	C WICHIT	
Tubing Si	Tubing Size Weight			Internal Diameter		Set at		Perforations		•	То	_	,,,,	
Type Con Single (Type Flui DryGa	d Productio S	n		Pump U	nit or Traveling g	Plunger?	Yes /	(No)	
		Annu	lus / Tubing)		% (Carbon Diox	ide		% Nitrog	jen		Gas Gra	vity - G	g.
Annulus						Dunn						.6	und /Dea	
Vertical D	ерицп			Flang			sure Taps ge	•		2"		2"	Run) (Prover) Size	
Pressure	Buildup		nut in 4-17	₂₀ 12 _{at} 10:20		(PM) Taken 4-18		-18	₂₀ 12		12 _{at} 10:35 (Al		M)PM)	
Well on L	ine:	St	arted 4-18	20	0 12 at 1	0:35	(PM)	Taken 4	-19	20	12 _{at} 1	1:20	(A	MM)(PM)
			Eirola ana			OBSERVE	D SURFAC				Duration o	of Shut-in	24	Hours
Static / Dynamic Property	Oynamic Size Prover Pressure		Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _c) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)		
Shut-In			, , , , , , , , , , , , , , , , , , ,	11101105 1120			psig 28	42.4	psig	psia				
Flow							14	28.4			24		0	
						FLOW STE	REAM ATTI	RIBUTES		_			· r	
Plate Coeffieci (F _b) (F Mcfd	ient ,)	M Prove	rcle one: leter or or Pressure psia	Press Extension P _m x h	Gran Fac F	tor	Flowing Temperature Factor F _{rt}	F	viation actor F _{pv}	Metered Flow R (Mcfd)	1	GOR Cubic Fee Barrel)	t/	Flowing Fluid Gravity G_m
										124				
					(OPEN FL	OW) (DELIV	ERABILIT	Y) CALCUI	.ATIONS			(P _a) ²	= 0.20	7
(P _c) ² =		;	(P _w) ² =	:	P _d =		% ((P _c - 14.4) +	14.4 =	· · · · · · · · · ·		(P _d) ²		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ 2. $P_c^2 - P_d^2$ (ided by: $P_c^2 - P_a^2$	P LOG of formula P 1. or 2. and divide P 2. D 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilo	∍g	Deliv Equals	n Flow erability R x Antilog Mold)
Open Flor	<u>.</u>			Mcfd @ 14.	65 neia		Delivera	bility			Mcfd @ 14	1 65 peia		
		ned :	authority, on			states that h			in make ti	ne above repo		-		adde of
				d report is true			_	20	day of	ecember				0 12
			Wilness (if a	ny)				4	TON	1 AUG	Company	(V.	$ \mathcal{O} $	
			For Commiss	sion						Che	cked by			

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empt s	tatus 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
	nent installation and/or upon type of completion or upon use being made of the gas well herein named.
I here	by request a one-year exemption from open flow testing for the Whitmore 21-29
gas well o	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
l furtl	ner agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as n	ecessary to corroborate this claim for exemption from testing.
Date: 12	/20/12
	Signature: <u>Cernul Ceuru</u>
	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.

W2580 Whitmore 21-29 North Goodland Goodland None April-12 JAN 0 3 2013 KCC WICHITA

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
4/1/2012	14	4 27	126	0	
4/2/2012	14	4 27	126	0	
4/3/2012	14	4 27	126	0	
4/4/2012	14	4 27	127	0	
4/5/2012	14	4 27	126	0	
4/6/2012	14	4 27	126	0	
4/7/2012	14	4 27	126	0	
4/8/2012	14	4 27	126	0	
4/9/2012	14	4 27	126	0	
4/10/2012	14	4 27	126	0	
4/11/2012	1	4 27	126	0	bp
4/12/2012	1	4 27	126	0	
4/13/2012	1	4 27	125	0	
4/14/2012	1	4 27	125	0	
4/15/2012	14	4 27	124	0	
4/16/2012	1	4 27	125	0	
4/17/2012	1	4 27	125	0	shut in for state
4/18/2012	J	3 27	0	24	opened up
4/19/2012	1	4 27	123	0	
4/20/2012	1	4 27	127	0	
4/21/2012	1.	4 27	126	0	
4/22/2012	1.	4 27	126	0	
4/23/2012	1	4 27	126	0	
4/24/2012	1	4 27	125	0	bp
4/25/2012	1.	4 27	125	0	
4/26/2012	1	4 27	125	0	
4/27/2012	1	7 30	90	9.5	
4/28/2012	1-	4 27	124	0	
4/29/2012	1-	4 27	124	0	
4/30/2012	1-	4 27	124	0	
5/1/2012		0 () 0	0	

Total

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W2580 Whitmore 21-29 North Goodland Goodland None May-12

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN	1	(Maximum length 110 characters)
5/1/2012	1	14	27	124	0	
5/2/2012	1	14	27	124	0	
5/3/2012	1	14	27	124	0	
5/4/2012	1	14	27	124	0	
5/5/2012	1	14	27	123	0	
5/6/2012	1	14	27	123	0	
5/7/2012	1	14	27	124	0	
5/8/2012	1	14	27	124	0	
5/9/2012	1	14	27	123	0	
5/10/2012	1	14	27	123	0	
5/11/2012	1	14	27	123	0	
5/12/2012	1	14	27	124	0	
5/13/2012	1	14	27	124	0	
5/14/2012	1	14	27	123	0	
5/15/2012	1	14	27	123	0	
5/16/2012	1	14	27	123	0	
5/17/2012	1	14	27	123	0	
5/18/2012	i	14	27	123	0	
5/19/2012	1	14	27	123	0	
5/20/2012	1	14	27	124	0	
5/21/2012	1	14	27	123	0	
5/22/2012	1	14	27	123	0	bp
5/23/2012	1	14	27	123	0	
5/24/2012	1	14	27	123	0	
5/25/2012	1	14	27	123	0	
5/26/2012	1	14	27	123	0	
5/27/2012	1	14	27	123	0	
5/28/2012	1	15	28	119	2	
5/29/2012	1	15	28	120	2.5	
5/30/2012	1	14	27	123	0	
5/31/2012	1	14	27	124	0	

Total

W2580 Whitmore 21-29 North Goodland Goodland None

June-12

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	Casing		•	ŀ	łRS	REMARKS		
DATE	PSI	STATIC	MCF	Ι	OOWN	(Maximum length 110 characters)		
6/1/2012		14	27	124	0			
6/2/2012		14	27	123	0			
6/3/2012		14	27	123	0			
6/4/2012		14	27	123	0			
6/5/2012		14	27	123	0			
6/6/2012		14	27	123	0			
6/7/2012		14	27	123	0			
6/8/2012		14	27	123	0			
6/9/2012		14	27	123	0			
6/10/2012		21	34	117	20			
6/11/2012		21	34	117	14			
6/12/2012		21	34	117	7			
6/13/2012		21	34	117	3			
6/14/2012		21	34	117	1			
6/15/2012		14	27	122	2.5			
6/16/2012		14	27	122	0			
6/17/2012		14	27	122	0			
6/18/2012		14	27	122	0			
6/19/2012		14	27	122	2			
6/20/2012		14	27	122	2			
6/21/2012		14	27	122	0			
6/22/2012		14	27	121	0			
6/23/2012		14	27	121	0			
6/24/2012		14	27	121	0			
6/25/2012		14	27	121	0			
6/26/2012		14	27	121	0			
6/27/2012		14	27	121	0			
6/28/2012		14	27	121	0			
6/29/2012		14	27	121	0			
6/30/2012		14	27	121	0			
7/1/2012					0			