KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type rest	i;	6	XSI-			·	See msnuc	uons on ne	Verse Side	*/					
	en Flo	Test Date: API No. 15 5/23/2012 15-181-20419-00							0000						
Company Rosewo		sour	ces					Lease G. Ihrig					43-16	Well Nu	mber
,			Section 16				RNG (E/W)				Acres Attributed 80				
Sherman NESE Field				Reservoli				39W Gas Gathering Connect					REC		
Completion Date				Niobrara Plug Back Total Depth			Branch Systems Inc. Packer Set at					JAN			
3/25/2006 Casing Size Weight				Internal C 2.441	Diameter	Set			forations		To 1020'	_K	JAN (CC W		
2 7/8" 6.5# Tubing Size Weight					Internal C	Diameter	Set					To			
none Type Cor Single (Type Flui Dry Ga	d Productio	n		Pump U	nit or Traveling	Plunge	er? Yes	7 (NO)	
			ulus / Tubi	ing)		<u> </u>	arbon Dlox	ide		% Nitrog			Gas Gra	avity - (3_
Annulu: Vertical E	5							sure Taps		•			.6 (Meter F		rover) Size
1020'							Flan	-			_		2"		
Pressure	Buildu		Snut in	22				(AM) (PM)					1:40	((AM)(PM)
Well on L	.ine:	\$	Started 5-	23	20	2 12 at 1	:40	(AM) (PM)) Taken <u>5</u> -	-24	20	12 a	2:25	(AM(PM)
		•					OBSERVE	D SURFAC	E DATA			Duratio	on of Shut-i	in _24	Hours
Static / Orifice Dynamic Size Property (inches)		e	Meler Prover Pressure		Pressure Differential in	Flowing Well Head Temperature t		Casing Wellhead Pressure (P_w) or (P_1) or (P_6)		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c)			Duration (Hours)		d Produced Barrels)
Shut-In	(IIICII	-	psig (Pn	n) Inches H ₂ 0					95ta 30.4	psig psia				-	
Flow								5	19.4			24		0	
							FLOW STE	REAM ATTR	RIBUTES						
Plate Coefficcient (F _b) (F _p) Mctd			Circle one: Meter or ver Pressure psia		Press Gravity Extension Factor ✓ P _m xh F _e		tor	Flowing Temperature Factor	F£	riation actor F _p ,	Metered Flow R (Mcfd)		GOR (Cubic Fed Barrel)		Flowing Fluid Gravity G _m
				\perp							11				<u> </u>
(P _c)² =		:	(P _w)²	·=	:	(OPEN FLO	, ,	'ERABILITY % (I	r) CALCUL P _c - 14.4) +		:		(P _a) ²	² = 0.2	07
(P _c) ² · (P _a) ² or (P _c) ² · (P _d) ²		(P _e) ² - (P _w) ²		ose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² sed by: P _c ² - P _a ²	LOG of formula 1, or 2. and divide p 2 p		Backpressure Cun Slope = "n"		ve		Antilog		Op Deli Equals	pen Flow iverability in R x Antilog (McId)	
			_ 	-											
Open Flo	w			L	McId @ 14.	65 psia		Deliverat	bility			Mcfd @	14.65 psi	<u>I</u> ia	
		•	•							_	he above repo	ort and	that he ha		
ne facts s	tated t	hereii	n, and that	said	report is true	and correc	t. Executed	I this the $\frac{2}{}$		day of 占	ecember	1	30,10	: (4)	20 <u>12</u> .
			Witnes	s (il an	y)			-		-/(For	Company		<u>u</u>)	
	_		For Cor	nmissi	on			-			Che	cked by			

KCC WICHITA

exempt sta	tus under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	e foregoing pressure information and statements contained on this application form are true and
correct to	he best of my knowledge and belief based upon available production summaries and lease records
	ent installation and/or upon type of completion or upon use being made of the gas well herein named. by request a one-year exemption from open flow testing for the
	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
	er agree to supply to the best of my ability any and all supporting documents deemed by Commissic cessary to corroborate this claim for exemption from testing.
Date: <u>12/</u>	20/12
	Signature: — Janual Gull
	·

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.

JAN 0 3 2013 KCC WICHITA

W2057 G. Ihrig 43-16 North Goodland Goodland None May-12

4

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

W2057 G. Ihrig 43-16 North Goodland Goodland None June-12

1

JAN 0 3 2013 KCC WICHITA

	Casing			HI	RS	REMARKS
DATE	PSI	STATIC	MCF	DO	NWC	(Maximum length 110 characters
6/1/2012		5	18	11	0	
6/2/2012		5	18	11	0	
6/3/2012		5	18	11	0	
6/4/2012		5	18	11	0	
6/5/2012		5	18	11	0	
6/6/2012		5	18	11	0	
6/7/2012		5	18	11	0	•
6/8/2012		5	18	11	0	
6/9/2012		5	18	11	0	
6/10/2012		9	22	6	20	
6/11/2012		9'	22	6	14	
6/12/2012		9	22	6	7	
6/13/2012		9	22	6	3	
6/14/2012		9	22	6	1	
6/15/2012		7	21	9	2.5	
6/16/2012		6	19	13	0	
6/17/2012		6	19	13	0	
6/18/2012		6	19	13	0	
6/19/2012		6	19	13	2	
6/20/2012		6	19	13	2	
6/21/2012		6	19	13	0	
6/22/2012		5	18	12	0	
6/23/2012		5	18	12	0	
6/24/2012		5	18	12	0	
6/25/2012		5	18	12	0	
6/26/2012		5	18	12	0	
6/27/2012		5	18	12	0	
6/28/2012		5	18	12	0	
6/29/2012		5	18	12	0	
6/30/2012		5	18	12	0	
7/1/2012					0	

W2057 G. Ihrig 43-16 North Goodland Goodland None July-12 RECEIVED

JAN 0 3 2013

KCC WICHITA

	Casing			HF	RS	REMARKS
DATE	PSI	STATIC	MCF	DO	OWN	(Maximum length 110 characters)
7/1/2012		6	19	12	0	
7/2/2012		6	19	12	0	
7/3/2012		6	19	12	2	
7/4/2012		6	19	12	0	
7/5/2012		6	19	12	7	
7/6/2012		6	19	12	1.5	
7/7/2012		6	19	12	0	
7/8/2012		6	19	12	0	
7/9/2012		5	18	12	0	
7/10/2012		5	18	12	0	
7/11/2012		5	18	12	0	
7/12/2012		5	18	12	0	
7/13/2012		5	18	12	0	
7/14/2012		5	18	12	0	
7/15/2012		5	18	12	0	
7/16/2012		5	18	12	0	
7/17/2012		5	18	12	0	
7/18/2012		5	18	11	0	
7/19/2012		5	18	11	0	
7/20/2012		5	18	11	0	
7/21/2012		5	18	11	0	
7/22/2012		5	18	11	0	
7/23/2012		5	18	11	0	
7/24/2012		5	18	11	0	
7/25/2012		5	18	11	0	
7/26/2012		5	18	11	0	
7/27/2012		5	18	11	0	
7/28/2012		5	18	11	0	
7/29/2012		5	18	11	0	
7/30/2012		5	18	11	0	
7/31/2012		5	18	11	0	

Total