KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes						((See Instri	ucti	ions on Rev	erse Side	9)							
□ o _r	en Flo	w Z	35I															
☐ De	eliverat	oilty				Test Date 6/30/14						J No. 15 1-2 0536	3-00 0	30				
Company		sou	rces, Inc			0/00/14			Lease Philbrick	<u> </u>					22	09	ell Nu	mber
County Sherma			Lo	ocation NW/4		Section 9	Section TWP				RNG (E/W) 40W				Acres Attributed			
Field Goodan	d					Reservoi					Gas Ga	thering System			1			
Completi 6/17/08	on Dat	le					k Total De	eptl	h	- <u>-</u>	Packer							
Casing Size Weight 2 7/8" 6.5#					Internal Diameter Set						 То 1086'			.				
Tubing S NONE	ize			eight			Internal Diameter Set a							То				
Type Cor Single (Type Flui DryGa	d Product	tion			Pump U	nit or Tra	veling	g Plun	ger?	Yes (No	
Producing	g Thru			ubing)			Carbon Dic	oxic	ie	_	% Nitro	-				s Grav	ity - G	i _e
Annulus Vertical E		1)					Pre	ess	ure Taps			<u>-</u>			.6 (Me		n) (Pr	over) Size
1250'				0.00			Fla	_							2"			
Pressure	Buildu		Silut Iti -			0 14 at 8			(PM)		30				at_8:3		(AM)(PM)
Well on L	.ine:		Started _	6-30	2	0 14 at 8	.55	_ ((AM)(PM)	Taken _/-	1		20		at	.0	(AM)(PM)
							OBSER\	VE	SURFACE	DATA				Dura	tion of S	Shut-in	24	Hours
Static / Orifice Dynamic Size Property (inches		e	Prover Pressure in		Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _o)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)			Liquid Produced (Barrels)			
Shut-In			poig (,	michos 11 ₂ 0				psig 6	_{psia} 20.4	psig	p:	ila					
Flow									2	16.4				24			0	ı
							FLOW S	TR	EAM ATTRI	BUTES								
Plate Coeffied (F _b) (F	ient ,)	Pro	Circle one: Meter or ver Pressu psla	ıre	Press Extension P _m x h	Grav Fac	tor	Te	Flowing emperature Factor F _{rt}	Fa	ation ctor : pv		ed Floo R Icfd)	w	(Cub	GOR old Feet/ arrel)	,	Flowing Fluid Gravity G _m
			•									16						
(P _c) ² =		:	(P	")² =	:	(OPEN FLO		.IVE	ERABILITY)	CALCUL - 14.4) +			:			$(P_a)^2 = (P_d)^2 = 0$		07
(P _c) ² - (I		(P) _a)²- (P _w)²	Cho	cose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_c^2$ ded by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²		Backpres Slop 	sure Curve e = "n" or igned ird Slope	пх	LOG]	_	Antilog		Op Deli quals	en Flow verability R x Antilog Mcfd)
Open Flo	w				Mcfd @ 14.	65 psia			Deliverabi	lity				Mefd	@ 14.6	5 psia	_	
					ehalf of the report is true						o make t day of _			ort and	d that h	e has	knowl	edge of 20 <u>14</u>
								_	HITA_		ana	. 1	•	10	Pari	to u	ار	/
				iess (if an			EB 23							Compan			7	
			For	Commissi	on		RECE						Che	cked by				

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status ur	nder Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the fore	egoing pressure information and statements contained on this application form are true and
correct to the be	st of my knowledge and belief based upon available production summaries and lease records
	tallation and/or upon type of completion or upon use being made of the gas well herein named.
í hereby requ	uest a one-year exemption from open flow testing for the Philbrick 22-09
gas well on the g	grounds that said well:
(Chec	ok 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
<u></u>	is not capable of producing at a daily rate in excess of 250 mcf/D
i further agre	ee to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessa	ry to corroborate this claim for exemption from testing.
Date: _12/21/14	
	KCC WICH!! Signature: Senal Mattury
	- /· //
	FEB 2 3 2015 Title: Production Assistant
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Instructions:

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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.

W2577 Philbrick 22-09 South Goodland Goodland None June-14

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
6/1/2014		15	16	0	
6/2/2014	2	15	16	0	
6/3/2014	2	15	16	0	
6/4/2014	2	15	16	i 0	
6/5/2014	2	15	16	0	
6/6/2014	2	15	16	0	
6/7/2014	2	15	16	0	
6/8/2014	2	15	16	0	
6/9/2014	2	15	16	0	
6/10/2014	2	15	16	i 0	
6/11/2014	2		16	3.5	
6/12/2014	2		16	5 0	
6/13/2014	2	. 15	16	0	
6/14/2014	2	15	16	0	
6/15/2014	2	15	16	0	
6/16/2014	2	. 15	16	5 0	
6/17/2014	2	15	16	i 0	
6/18/2014	2	. 15	16	0	
6/19/2014	2	. 15	16	6 0	
6/20/2014	2	15	16	5 0	
6/21/2014	2	15	16	0	
6/22/2014	2	. 15	16	5 0	
6/23/2014	2	15	16	i 0	
6/24/2014	2	15	16	5 0	
6/25/2014	2	15	16	6 0	
6/26/2014	2	15	16	5 0	
6/27/2014	2	15	16	5 0	
6/28/2014	2	15	16	5 0	
6/29/2014	2	15	2		
6/30/2014	6	19	() 24	
7/1/2014				0	

Total 450

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W2577 Philbrick 22-09 South Goodland Goodland None July-14

	Casing			HRS	REMARKS
DATE	PSI	STATIC I	MCF	DOWN	(Maximum length 110 characters)
7/1/2014	4	17	5	8	
7/2/2014	2	15	15	0	
7/3/2014	2	15	17	0	
7/4/2014	2	15	17	0	
7/5/2014	2	15	17	0	
7/6/2014	2	15	17	0	
7/7/2014	2	15	17	0	
7/8/2014	2	15	17	0	
7/9/2014	2	15	17	0	
7/10/2014	2	15	17	0	
7/11/2014	2	15	17	0	
7/12/2014	2	15	17	0	
7/13/2014	2	15	17	0	
7/14/2014	2	15	17	0	
7/15/2014	2	15	17	0	
7/16/2014	2	15	19	0	
7/17/2014	2	15	20	0	
7/18/2014	2	15	16	0	
7/19/2014	2	15	16	0	
7/20/2014	2	15	16	0	
7/21/2014	2	15	16	0	
7/22/2014	2	15	16	0	
7/23/2014	2	15	16	0	
7/24/2014	2	15	16	0	
7/25/2014	2	15	16	0	
7/26/2014	2	15	16	0	
7/27/2014	2	15	16	0	
7/28/2014	2	15	16	0	
7/29/2014	2	15	16	0	
7/30/2014	2	15	16	0	
7/31/2014	2	15	16	0	

Total 504

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W2577
Philbrick 22-09
South Goodland
Goodland
None
August-14

	Casing			HRS	REMARKS
DATE	PSI	STATIC 1	MCF	DOWN	(Maximum length 110 characters)
8/1/2014	2	15	16	0	
8/2/2014	2	15	16	0	
8/3/2014	2	15	16	0	
8/4/2014	2	15	16	0	
8/5/2014	2	15	16	0	
8/6/2014	2	15	16	0	
8/7/2014	2	15	16	0	
8/8/2014	2	15	16	0	
8/9/2014	2	15	16	3	
8/10/2014	2		16	0	
8/11/2014	2	15	16	. 0	
8/12/2014	2		16	0	
8/13/2014	2	15	17	0	
8/14/2014	2	15	17	0	
8/15/2014	2	15	17	0	
8/16/2014	2	15	17	0	
8/17/2014	2	15	17	0	
8/18/2014	2	15	17	0	
8/19/2014	2	15	17	0	
8/20/2014	2	15	17	0	
8/21/2014	2	15	17	0	
8/22/2014	2	15	17	0	
8/23/2014	2	15	17	0	
8/24/2014	2	15	17	0	
8/25/2014	2		17	0	
8/26/2014	2		17	0	
8/27/2014	2		17	0	
8/28/2014	2		17	0	
8/29/2014	2	15	17	0	
8/30/2014	2	15	17	0	
8/31/2014	2	15	17	0	

Total 515

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