## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(	See Instruct	tions on Rev	erse Side	)					
Op	en Flow	<b>WSL</b>							4				
De	liverabilt	, ,		Test Date 9/30/20					l No. 15 <b>1-2</b> 0565-0 <b>0</b> (	00			
Company		ources, Inc.		3/30/20		Lease Philbrick			. 20000 0 0	<u> </u>		Vell Nur	mber
County		Loca		Section		TWP		RNG (E	/W)		A	cres A	tributed
Shermar	n	NWS	<i>N</i>	14		98		40W			8	0	
Field Goodlan	nd			Reservoir Niobrara					thering Conn Systems In				
Completion 8/20/201				Plug Bac 1242'	k Total Dept	h		Packer	Set at				
Casing S 4 1/2"	ize	Weig 10.5		Internal E 4.000	Diameter	Set at 1222	_	Perfo 104	rations 8'		то 1080'		. <u> </u>
Tubing Si	ize	Wei	ght	Internal [	Diameter	Set at	t	Perf	orations		То	·	
Type Con Single (		(Describe)		Type Flui Dry Ga	d Production	1		Pump U	nit or Traveling	Plunger?	Yes	No	
	g Thru (/	Annulus / Tubi	ng)		arbon Dioxi	de	_	% Nitrog	<u> </u>		Gas Gra	vity - G	
Vertical D		<del></del> .			Pres	sure Taps						un) (Pr	over) Size
1317'	жер <b>.</b> (, , ,				Flan	•					2"	, (.	
Pressure	Buildup:			15 at 9		(AM)(PM)				15 at 9	_	(	M)PM)
Well on L	.ine:	Started 10	)-1	20 15 at 9	:40	(PM)	Taken 10	)-2	20	15 <sub>at</sub> 1	0:30	(	(PM)
				-	OBSERVE	D SURFACE	DATA			Duration o	of Shut-in	24_	Hours
Static /	Orifice Size	Meter	Differential	Flowing Temperature	Well Head Temperature	Casi Wellhead F	Pressure	Wellhe	Tubing ead Pressure	Durati			Produced
Property	(inches	) Prover Pres psig (Pri		t	t	(P <sub>w</sub> ) or (P <sub>t</sub>	) or (P <sub>c</sub> ) psia	(P <sub>w</sub> ) a	psia	(Hou	rs)	(B	arrels)
Shut-In		_					26.4	i					
Flow						1 _	15.4	<u> </u>		24		0	
					FLOW STR	EAM ATTRI	BUTES						
Plate Coeffied (F <sub>b</sub> ) (F Motd	ient p)	Circle one: Meter or Prover Pressure psia	Press Extension	Grav Fact F <sub>c</sub>	tor 1	Flowing emperature Factor F <sub>ft</sub>	Fa	iation ctor	Metered Flow R (Mcfd)		GOR Cubic Fee Barrel)	t/	Flowing Fluid Gravity G <sub>m</sub>
					_	_			6				
				(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS	L <u>—</u>		/P \2	= 0.20	
(P <sub>c</sub> )² ≔		: (P <sub>w</sub> ) <sup>2</sup>	=:	P <sub>d</sub> =		% (P,	14.4) +	14.4 = _	;		(7 a/ (P <sub>d</sub> ) <sup>2</sup>		<u>-</u>
(P <sub>c</sub> ) <sup>2</sup> - (1 or (P <sub>c</sub> ) <sup>2</sup> - (1	.	(P <sub>o</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or.  1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	LOG of formula 1, or 2, and divide	D2 D2	Slop	sure Curve e ≈ "n" origned	l n x	rog	Antilo	pg pg	Deliv Equals	en Flow verability R x Antilog
	0'		divided by: P <sub>a</sub> <sup>2</sup> - P <sub>a</sub>		P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		ard Slope	+					Vicfd)
<u> </u>	_					_	_						
Open Flo	w		Mcfd @ 14	.65 psia		Deliverabi	lity			Mcfd @ 14	1.65 psia	1	
The i	undersig	ned authority,	on behalf of the	Company, s	states that h	e is duly au	thorized t	o make t	he above repo	ort and tha	t he has	knowl	edge of
the facts s	tated the	rein, and that	said report is tru	e and correc	t. Executed	this the _22	!	day of _	December	1 11	<u> </u>	ر	0 15 .
		18ffine-	tif any)	K	CC WI	CHITA	$\subseteq$	A	<u>unul</u>	Company C	au	111	Y
		vviitles:	s (if any)										r 
		For Co.	nmission		APR 07	ZU10 _			Che	cked by			

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l 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 Philbrick 13-14
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 course of natural gos for injection into one ill recognicit undergoing ER
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.
Date: 12/22/15
Signature: <u>Jannell Menteur</u> KCC WICHITA  Title: Production Assistant
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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.

W2729



South Goodland

Goodland

None

September-15

**FloBoss** 

	Casing		H	RS	REMARKS
DATE	PSI	STATIC MCF	D	OWN	(Maximum length 110 characters)
9/1/2015	1	14	6	0	
9/2/2015	1	14	6	0	
9/3/2015	1	14	6	0	
9/4/2015	1	14	6	0	
9/5/2015	1	14	6	0	
9/6/2015	1	14	6	0	
9/7/2015	1	14	6	0	
9/8/2015	1	14	6	0	
9/9/2015	1	14	6	0	
9/10/2015	1	14	6	0	
9/11/2015	1	14	6	0	
9/12/2015	1	14	6	0	
9/13/2015	1	14	6	0	
9/14/2015	1	14	6	0	
9/15/2015	1	14	6	0	
9/16/2015	1	14	6	0	
9/17/2015	1	14	6	0	
9/18/2015	1	14	6	0	
9/19/2015	1	14	6	0	
9/20/2015	1	14	6	0	
9/21/2015	1	14	6	0	
9/22/2015	1	14	6	0	
9/23/2015	1	14	6	0	
9/24/2015	1	14	6	0	
9/25/2015	1	14	6	0	
9/26/2015	1	14	6	0	
9/27/2015	1	14	6	0	
9/28/2015	1	14	6	0	
9/29/2015	5	18	4	22	
9/30/2015	12	25	0	24	24 hr shut in pressure for state
10/1/2015	13			0	

Total 172

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W2729 Philbrick 13-14

South Goodland

Goodland

None

October-15

	Casing			HRS	REMARKS
DATE	PSI	STATIC MO	F	DOWN	(Maximum length 110 characters)
10/1/2015	9	22	4	24	<del>-</del>
10/2/2015	7	20	5	7	
10/3/2015	4	17	6	0	
10/4/2015	3	16	6	0	
10/5/2015	3	16	6	0	
10/6/2015	2		6	0	
10/7/2015	2	15	6	0	
10/8/2015	2	15	5	2	
10/9/2015	2		6	2	
10/10/2015	2	15	6	2	
10/11/2015	1	14	6	0	
10/12/2015	2	15	6	4	
10/13/2015	1	14	6	0	
10/14/2015	1	14	6	0	
10/15/2015	2	15	5	0	
10/16/2015	2	15	5	0	
10/17/2015	1	14	6	0	
10/18/2015	1	14	6	0	
10/19/2015	1	14	6	0	
10/20/2015	1	14	6	0	
10/21/2015	1	14	6	0	
10/22/2015	1	14	5	0	
10/23/2015	1	14	5	0	
10/24/2015	1	14	5	0	
10/25/2015	1	14	5	0	
10/26/2015	1	14	5	0	
10/27/2015	1	14	5	0	
10/28/2015	1	14	6	0	
10/29/2015	i	14	6	0	
10/30/2015	1	14	5	0	
10/31/2015	1	14	5	0	

Total 172

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W2729 Philbrick 13-14

South Goodland

Goodland

None

November-15

FloBoss

	Casing		HF	ls	REMARKS
DATE	PSI	STATIC		)WN	(Maximum length 110 characters)
11/1/2015	1	14	6	0	
11/2/2015	1	14	6	0	
11/3/2015	1	14	6	0	
11/4/2015	1	14	6	0	
11/5/2015	1	14	6	0	
11/6/2015	1	14	6	0	
11/7/2015	1	14	6	0	
11/8/2015	1	14	6	0	
11/9/2015	1	14	6	0	
11/10/2015	1	14	6	0	
11/11/2015	1	14	6	0	
11/12/2015	1	14	6	0	
11/13/2015	1	14	6	0	
11/14/2015	1	14	6	0	
11/15/2015	1	14	6	0	
11/16/2015	1	14	6	0	
11/17/2015	1	14	6	0	
11/18/2015	1	14	6	0	
11/19/2015	1	14	6	0	
11/20/2015	1	14	6	1	
11/21/2015	1	14	6	0	
11/22/2015	1	14	6	0	
11/23/2015	1	14	6	0	
11/24/2015	1	14	6	0	
11/25/2015	1	14	6	0	
11/26/2015	1	14	6	0	
11/27/2015	1	14	6	0	
11/28/2015	I	14	6	0	
11/29/2015	1	14	6	0	
11/30/2015	1	14	5	0	
12/1/2015	-13	ı		0	

Total 179

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