KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: en Flo	w :	RIT		,		tions on Re	∕erse Side	•						
De	liverab	ilty			Test Date 9/30/20					Na. 15 -20376-00 0	o				
Company		sou	rces, Inc.	· · · · · · · ·			Lease Toplff					1-25	Well Nu	ımber	
County Location 5			Section TWP 25 8S			RNG (E/W) 41W				Acres A	Attributed				
Field				Reservoir Niobrara				hering Conn Systems In	_						
Completion 6/8/2005		ө			Plug Bac 1346.85	k Total Dep	th		Packer S	Set at					
Casing S 2 7/8"	ize		Weigh 6.5#	t	Internal D 2.441	Diameter	Set at 1346.85'		Perfo 113	rations 4'		то 1156'			
NONE			Weigh	it	Internal [Set a	at 		rations		To 	_		
Type Con Single ((Conv	ent	ional)		Dry Ga				flowing		Plunger	_	(No)	·	
Annulus	S		nulus / Tubin	g) 	% C	arbon Dioxi			% Nitrog	en		Gas Gr .6		•	
Vertical D	Depth(F	l)				Pres Flan						2"	Run) (P 	rover) Size	
Pressure	Buildu	p:	Shut in 9-3	0 2	15 at 1	0:20	(PM)	Taken_10	D-1	20	15 at.	10:30	((PM)	
Well on L	.ine:		Started 10-	<u>1</u>	15 at 1	0:30	(AM)(PM)	Taken 10)-2	20	<u>15</u> at	11:20		(PM)	
						OBSERVE	D SURFACI	E DATA			Duration	of Shut	in <u>2</u> 4	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Presso psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		_	psig (Fili)	inches H ₂ O			psig_ 8	22.4	psig _	psta					
Flow							1	15.4			24_		0		
						FLOW STE	REAM ATTR	IBUTES						 1	
Plate Coeffied (F _b) (F Mofd	ient p)	Pro	Circle one: Meter or over Pressure psia	Press Extension P _m xh	Grav Fac F	tor	Flowing Temperature Factor	Fa	riation actor = pv	Metered Flov R (Mcfd)	v	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
										4		_			
(P _c) ² =		_	(P _w) ² =		(OPEN FL		'ERABILITY % (F) CALCUL ' _e - 14.4) +				(P _a)	² == 0.2 ² ==	207	
(P _c) ² - (I	~	·(F) _o) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _g ² 2. P _c ² - P _d ² divided by: P _c ² - P _g	LOG of formula 1. or 2.	P ₂ - P ₂	Backpre- Slop As	ssure Curve 00 = "n" 01 signed ard Slope	, n x	roe	An	tilog	O Del Equals	pen Flow iverability a R x Antilog (Mcfd)	
								_							
Open Flo				Mcfd @ 14			Deliverab					14.65 ps			
			•	n behalf of the aid report is tru						he above repo December	ort and th	hat he ha		ledge of 20 15 .	
							/ICHIT		Tai	n /	100	ail	Lus	<u>, </u>	
			Witness	if any)				1 –	- 		Company				
			For Comr	nission		APR 0	7 2016 -			Che	cked by	_			

RECEIVED

I 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 Topliff 1-25 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 Commission staff as necessary to corroborate this claim for exemption from testing. Date:	on
KCC WICHITA Signature:	

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.

W440



South Goodland

Goodland

None

September-15

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

Total 112

KCC WICHITA APR 07 2016 RECEIVED W440



South Goodland

Goodland

None

October-15

	Casing		H	RS	REMARKS	
DATE	PSI	STATIC MCF	D	OWN	(Maximum length 110 characters)	
10/1/2015	9	22	0	24		
10/2/2015	6	19	4	7		
10/3/2015	4	17	6	0		
10/4/2015	3	16	5	0		
10/5/2015	2	15	5	0		
10/6/2015	2	15	5	0		
10/7/2015	2	15	5	0		
10/8/2015	2	15	4	2		
10/9/2015	2	15	5	2		
10/10/2015	1	14	5	2		
10/11/2015	1	14	5	0		
10/12/2015	1	14	4	4		
10/13/2015	I	14	5	0		
10/14/2015	1	14	4	0		
10/15/2015	1	14	4	0		
10/16/2015	1	14	4	0		
10/17/2015	1	14	4	0		
10/18/2015	1	14	4	0		
10/19/2015	1	14	4	0		
10/20/2015	1	14	4	0		
10/21/2015	1	14	4	0		
10/22/2015	1	14	4	0		
10/23/2015	1	14	4	0		
10/24/2015	1	14	4	0		
10/25/2015	1	14	4	0		
10/26/2015	1	14	4	0		
10/27/2015	1	14	4	0		
10/28/2015	1	14	4	0		
10/29/2015	1	14	4	0		
10/30/2015	1	14	4	0		
10/31/2015	1	14	4	0		

Total 130

KCC WICHITA APR 07 2016 RECEIVED W440

Tooliff 1-25

South Goodland

Goodland

None

November-15

	Casing		1	HRS	REMARKS
DATE	PSI	STATIC M	1CF	DOWN	(Maximum length 110 characters)
11/1/2015	1	14	4	0	
11/2/2015	1	14	4	0	
11/3/2015	1	. 14	4	0	
11/4/2015	1	14	4	0	
11/5/2015	1	. 14	4	0	
11/6/2015	1	. 14	4	0	
11/7/2015	1	. 14	4	0	
11/8/2015	1	. 14	4	0	
11/9/2015	1	. 14	4	0	
11/10/2015	1	. 14	3	0	
11/11/2015	1	. 14	4	0	
11/12/2015]	14	4	0	
11/13/2015]	14	4	0	
11/14/2015]	14	4	0	
11/15/2015	1	14	4	0	
11/16/2015	1	14	4	0	
11/17/2015]	. 14	4	0	
11/18/2015	1	14	4	0	
11/19/2015	1	14	4	0	
11/20/2015	1	14	4	1	
11/21/2015	1	14	4	0	
11/22/2015	1	14	4	0	
11/23/2015	1	14	4	0	
11/24/2015	1	14	4	0	
11/25/2015	1	14	4	0	
11/26/2015	1	14	4	0	
11/27/2015	1	l 14	4	0	
11/28/2015	:	14	4	0	
11/29/2015	,	l 14	4	0	
11/30/2015		l 14	4	0	
12/1/2015	(0	0	0	

Total 119

KCC WICHITA APR 07 2016 RECEIVED