KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		*	1 <t< th=""><th></th><th></th><th></th><th>(See Instr</th><th>ucti</th><th>ions on Rev</th><th>erse Side</th><th>)</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>				(See Instr	ucti	ions on Rev	erse Side)							
, Op	en Flov	N B	8-32			Test Dat	A·				Δ	PI N	o. 15					
De	liverabi	ilty				4/25/20							0335-00	00				
Company		sour	ces						Lease Pancake)					1-10	Well N	umber	
County Location Sherman NESW					Section 10				TWP 7S		RNG (E/W) 39W		Acres Attributed 80					
						Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.						RECL	EIVED	
					Plug Bad 1211'	Plug Back Total Depth 1211'					Packer Set at			JAN 0.3 2 1012' KCC WICH		3 2013		
					Internal 4.052	Internal Diameter 4.052			Set at 1214'		Perforations 982'			To 1012'	1	KCC w	محالا	
Tubing Size Weight none				Internal Diameter Set at			t	Perforations			То		- 111	ОППД				
Type Con Single (Type Flu Dry G	id Produci as	tion	1		Pump Flow		or Traveling	Plunge	r? Yes	/ (No)	
	-	(Änr	iulus / Tubir	ng)		% (Carbon Di	oxic	de		% Niti	rogen	1		Gas Gr	avity -	G,	
Annulus															.6			
Vertical E	epth(H	1)					Pressure Taps							(Meter Run) (Prover) Size				
1012' Pressure	Buildu	p:	Shut in 4-2	24	2	 12 _{at} 2	Flange 12 _{at} 2:55 (AM) (PM) Taken 4-							3:10 (AM)(PM)				
Well on L	ine:	:	Started 4-2	25	2	12 at 3	:10		(AM) (EM)				20	12 _{at}	3:55		(AM) (PM)	
					,	<u> </u>	OBSER	VE	D SURFACE					Duratio	n of Shut-	in 24	Hours	
Static / Dynamic Property	Siz	Size Meter Different		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _c) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)			id Produced (Barrels)			
Shul-In				,					psig 15	^{psia} 29.4	psi	9	psia					
Flow									6	20.4				24		0		
						•	FLOW S	TR	EAM ATTRI	BUTES	<u> </u>							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension P _m xh	Gravity T Factor F		Te	Flowing emperature Factor F ₁₁	Deviation Factor F _{pv}		Metered Flow R (Mcfd)		v GOR (Cubic Fee Barrel)			Flowing Fluid Gravity G _m	
l <u></u> .												7	<u> </u>					
(P _c) ² =		:	(P)²	=	:	(OPEN FL		.IVE %	ERABILITY) 6 (P	CALCUL _c - 14.4) +			:		(P _a) ⁽ (P _a) ⁽	² = 0.2	207	
(P _c) ² - (I	•	(P	c)2 - (P _w)2	Cha	ose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide			Backpres Slop Ass	ssure Curve e = "n" origned ard Slope		x LO		Ar	ntilog	O De Equal	pen Flow diverability is R x Antilog (Mctd)	
i									<u> </u>	·		· -						
0	<u></u>			•					5."	Ha.						<u> </u>		
Open Flo	W				Mcfd @ 14.	sizq ca			Deliverabi	iity				INICIO (G)	14.65 psi	a		
		-	-	aid	pehalf of the report is true								above reported to the second s	rt and t	hat he ha		vledge of 20 12	
			For Com	missi	on			-					Chec	ked by				

JAN 03 2013

KCC WICHITA

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
xempt status und	er Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	oing pressure information and statements contained on this application form are true and
orrect to the best	of my knowledge and belief based upon available production summaries and lease records
f equipment insta	llation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby reque	st a one-year exemption from open flow testing for the Pancake 1-10
	ounds 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.
7	is not capable of producing at a daily rate in excess of 250 mcf/D
further agree	to supply to the best of my ability any and all supporting documents deemed by Commission
	ta anuunkaunta thia alaim fan arramatian furun taatian
taff as necessary	to corroborate this claim for exemption from testing.
	to corroborate this claim for exemption from testing.
	to corroborate this claim for exemption from testing.
taff as necessary	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.

W414
Pancake 1-10
North Goodland
Goodland
None
April-12

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	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)
4/1/2012		5	18	7	0	
4/2/2012	,	5	18	7	0	
4/3/2012	ļ	5	18	7	0	
4/4/2012		4	17	7	0	
4/5/2012	:	4	17	7	0	
4/6/2012	}	5	18	7	0	
4/7/2012	<u>!</u>	5	18	7	0	
4/8/2012		5	18	7	0	
4/9/2012	2	5	18	7	0	
4/10/201	2	5	18	7	0	
4/11/201	2	5	18	7	0	
4/12/201	2	5	18	7	0	
4/13/201	2	5	18	7	0	
4/14/201	2	5	18	7	0	
4/15/201	2	5	18	7	0	
4/16/201	2	5	18	7	0	
4/17/201	2	5	18	7	0	
4/18/201	2	5	18	5	3	
4/19/201	2	5	18	8	0	
4/20/201	2	5	18	7	0	
4/21/201	2	5	18	7	0	
4/22/201	2	5	18	7	0	
4/23/201	2	5	18	7	0	
4/24/201	2	5	18	7	0	shut in for state
4/25/201	2	15	18	0	24	opened up
4/26/201	2	6	19	9	0	
4/27/201	2	6	19	4	9.5	
4/28/201	2	6	19	8	0	
4/29/201	2	6	19	8	0	
4/30/201	2	5	18	7	0	
5/1/2012	2	0	0	0	0	

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JAN 0 3 2013

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W414
Pancake 1-10
North Goodland
Goodland
None
May-12

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

Total

W414
Pancake 1-10
North Goodland
Goodland
None
June-12

JAN 0.3 2013 KCC WICHITA

	Casing			HR	s	REMARKS		
DATE	PSI	STATIO	C MCF	DO	WN	(Maximum length 110 characters)		
6/1/2012		5	18	7	0			
6/2/2012		5	18	7	0			
6/3/2012		5	18	7	0			
6/4/2012		5	18	7	0			
6/5/2012		5	18	7	0			
6/6/2012		5	18	7	0			
6/7/2012		5	18	7	0			
6/8/2012		5	18	7	0			
6/9/2012		5	18	7	0			
6/10/2012		8	21	4	20			
6/11/2012		8	21	4	14			
6/12/2012		8	21	4	7			
6/13/2012		8	21	4	3			
6/14/2012		8	21	4	1			
6/15/2012		6	19	8	2.5			
6/16/2012		6	19	8	0			
6/17/2012		6	19	8	0			
6/18/2012		6	19	8	0			
6/19/2012		6	19	8	2			
6/20/2012		6	19	8	2			
6/21/2012		6	19	8	0			
6/22/2012		5	18	8	0			
6/23/2012		5	18	8	0			
6/24/2012		5	18	8	0			
6/25/2012		5	18	8	0			
6/26/2012		5	18	8	0			
6/27/2012		5	18	8	0			
6/28/2012		5	18	8	0			
6/29/2012		5	18	8	0			
6/30/2012		5	18	8	0			
7/1/2012					0			