RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test						(See Ins	structio	ons on Re	everse Sid	le)							
Ор	en Flo	w	ADT			Test Date	·				Δ	JI N	In 15					
Deliverability							Test Date: API No. 15 6/13/2013 15-181-20419-0000											
Company Rosewood Resources								Lease G. Ihrig						43-	Well Number 43-16			
County Location Sherman NESE									TWP 7S	RNG (E/W) 39W			Acres Attributed 80			Attributed		
Field							Reservoir Niobrara					Gas Gathering Connection Branch Systems Inc.						
Completic 3/25/200		е				Plug Bac 1146'	Plug Back Total Depth				Packe	Packer Set at						
Casing Size Weight 2 7/8" 6.5#						Internal Diameter 2.441			Set :		Perforations 988'			то 1020'				
Tubing Si	ze		Weig						Set a				То					
Type Com Single (Type Fluid Production Dry Gas					Pump Unit or Traveling Plunger? Yes / No Flowing						
Producing	Thru		nulus / Tubi	ng)			% Carbon Dioxide					% Nitrogen				Gas Gravity - G		
Annulus Vertical D		1)						Pressi	ure Tans						.6 (Meter Run) (Prover) Size			
1020'	орици	,					Pressure Taps Flange						_		2"		, (.	
Pressure	Buildu	•	Snut in	12		13 at 3:30 (AM) (PM) Taken 6-									AM)(PM)			
Well on Li	ine:		Started 6-	13	20	13 at 3	13 at 3:40 (AM) (PM) Taken 6-14					20	13	3 at <u>4:3</u>	0	(AM(PM)	
							OBSE	RVED	SURFAC	E DATA				Dur	ation of S	Shut-i	n_24	Hours
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressure psig (Pm)		Differential Temperature Te		Well H Temper	ature (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)				
Shut-In			psig (riii	_	IIICHIBS 11 ₂ 0				psig 9	23.4	psi	9	psia		+-			<u>.</u>
Flow	Flow							5	19.4				24			0		
							FLOW	STRE	EAM ATTR	RIBUTES								
Plate Coeffiecient (F _b) (F _p) Mcfd		Cirde one: Meter or Prover Pressure psia		Press Extension P _m xh	Extension Factor		1	Flowing emperature Factor F _{rt}	mperature Factor		tor R		GOR (Cubic Fed Barrel)		et/	Flowing Fluid Gravity G _m		
			_	\perp	_								!1				_	
(P _c)² ፡=		:	(P _w)²	=		(OPEN FLO	OW) (DI	ELIVE		') CALCU P _e - 14.4)			•			(P _a) ² (P _d) ²	= 0.2	07
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		$ (P_c)^2 - (P_w)^2 $ $ (P_c)^2 - (P_w)^2 $ $ (P_c)^2 - (P_w)^2 $ $ (P_c)^2 - P_u^2 $ $ (P_c)^2 - P_d^2 $ $ (P_c)^2 - P_w^2 $ $ (P_c)^2 - P_w^2 $ $ (P_c)^2 - P_w^2 $		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" Assigned Standard Slope		re n	n x 10G		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)					
				- STATE		*,,			5.0.10	J.op*								
Open Flow		anor	d outhority		Mcfd @ 14.0		tates ti	ant ho	Deliverat	-	to make	the			d @ 14.65	·		ledge of
		_	•		report is true				•				vember	/ L Q		- 11cl		20 <u>13</u> .
								_	_		$\sqrt{2}\alpha$	n	nll	₹	Mo	U	Ld UN	W)
			Witness	(if en	y)					•			For	Compa	any `	İ	KCC	WICH
		_	For Con	missio	on			_	-				Che	cked t	у		DEC	C 2 6 20

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.	request
and that the foregoing pressure information and statements contained on this application form are to correct to the best of my knowledge and belief based upon available production summaries and lease to of equipment installation and/or upon type of completion or upon use being made of the gas well herein to hereby request a one-year exemption from open flow testing for the	records
(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 Costaff as necessary to corroborate this claim for exemption from testing.	- ommission
Date: 11/26/13	
Signature:	<u>y</u>

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.

KCC WICHITA

DEC 26 2013

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W2057 G, Ihrig 43-16 North Goodland Goodland None June-13

	Casing			HR		REMARKS				
DATE	PSI	STATIC	MCF	DO	WN	(Maximum length 110 characters				
6/1/2013		5 1	8	10	0					
6/2/2013		5 1	8	10	0					
6/3/2013		5 1	8	10	0					
6/4/2013		5 1	8	10	0					
6/5/2013		5 1	8	10	0					
6/6/2013		5 18	8	10	0					
6/7/2013		5 1	8	10	0					
6/8/2013		5 1	8	10	0					
6/9/2013		5 1	8	10	0					
6/10/2013		5 1	8	10	0					
6/11/2013		5 18	3	10	0					
6/12/2013		5 18	В	11	0	shut in				
6/13/2013	!	9 2:	2	0	24	opened up				
6/14/2013		5 1	8	11	0					
6/15/2013		5 18	3	11	0					
6/16/2013		5 18	8	11	0					
6/17/2013		5 1	8	11	0					
6/18/2013		5 1	8	11	, 0					
6/19/2013		5 1	8	11	0					
6/20/2013		5 13	8	11	0					
6/21/2013		5 18	8	11	0					
6/22/2013		5 1	8	11	0					
6/23/2013		5 1		11	0					
6/24/2013		5 1	8	11	0					
6/25/2013	ı	6 1		10	0					
6/26/2013		6 1!		10	0					
6/27/2013		6 1		10	0					
6/28/2013		6 19		10	0					
6/29/2013	,	6 19		10	0					
6/30/2013	1	6 19	9	10	0					
7/1/2013					0					

Total 302

W2057 G. Ihrig 43-16 North Goodland Goodland None July-13

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
7/1/2013	-	5 18	3 1	1 (0
7/2/2013	;	5 18	1	1 (0
7/3/2013	;	5 18	1	1 (0
7/4/2013	;	5 18	1	1 (0
7/5/2013	;	5 18	1	1 (0
7/6/2013	;	5 18	1	1 ()
7/7/2013	:	5 18	1	1 ()
7/8/2013	:	5 18	1	1 ()
7/9/2013	:	5 18		1 ()
7/10/2013		5 18)
7/11/2013	:			1 ()
7/12/2013	:)
7/13/2013	:			1 ()
7/14/2013	:	5 18		1 ()
7/15/2013	;	5 18			O cal
7/16/2013	:	5 18			5
7/17/2013	(9 ()
7/18/2013		5 18			
7/19/2013		5 18		1 ()
7/20/2013	:)
7/21/2013	:			I ()
7/22/2013	:				
7/23/2013					
7/24/2013	(3 (
7/25/2013	(8 (
7/26/2013	(3 (
7/27/2013	(3 (
7/28/2013	(3 (
7/29/2013	(3 (
7/30/2013	(3 (
7/31/2013	(5 19		8 ()

Total 315