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

Type Test:  Open F  Deliver		ASI		Test Date	):	ctions on Re	everse Side	API	No. 15 -20362-00 <b>0</b>	10		
 Company				6/19/201	13	Lease		101	-20302-000		Well Number	
Rosewood F County	Resou	irces Locat		Section		Duell TWP		RNG (E/		4-17	Acres Attributed	
Sherman NESE			17 7S				39W			80		
Field Goodland				Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.				
Completion Date 9-21-2004				Plug Back Total Depth				Packer Set at				
Casing Size Weight			nt	Internal D 2.441	Diameter	Set at 1189'		Perforations 994'		To 1020'		
2.7/8" 6.5#  Tubing Size Weight			nt	Internal D	Diameter	Set at		Perforations		To		
none Type Complet					d Production	on			nit or Traveling	Plunger? Yes	/ No	
Single (Cor	_	<u>-</u>		Dry Ga				Flowin	<del></del>	0-0-		
Producing Thi <b>Annulus</b>	ru (An	nulus / Tubin	g)	% C	arbon Diox	ide		% Nitrog	en	Gas Gravity - G <sub>g</sub> .6		
Vertical Depth	i(H)					ssure Taps					Run) (Prover) Size	
1020'	•	6-1	8 -	0 13 at 3:	Flar 45		Taken 6-			13 <sub>at</sub> 3:55		
Pressure Build Well on Line:		Shut in 6-1		0 13 at 3:			Taken Taken _6-			13 <sub>at</sub> 4:45	(AM) (PM) (AM) (PM)	
vven on Line.		Started		al		- (AIVI)((FIVI)	j lakeli			at		
		Circle one:	Pressure		OBSERVI	D SURFAC	Sing	Τ -	 Tubing	Duration of Shut-	in <u>24</u> Hours	
	ifice Size	Meter Prover Pressi	Differential	Flowing Temperature	Well Head Temperature	Wellhead	ising d Pressure P <sub>1</sub> ) or (P <sub>c</sub> )	Wellhe	ad Pressure (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)	
Property (in	ches)	psig (Pm)	Inches H <sub>2</sub> 0	t	t	psig	psia	psig	psia	(110010)	(54:10:0)	
Shut-In	_					8	22.4					
Flow						4	18.4			24	0	
Dista		Circle one:			FLOW ST	Flowing	RIBUTES	Т			Flowing	
Plate Coefficeient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Meter or over Pressure psia	Press Extension P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Temperature Fa		iation Metered Flo		w GOR (Cubic Fe Barrel)	Finid	
					_				11			
D \2 _		(D. \2 -		•	, ,	/ERABILIT	•				e = 0.207 e =	
P <sub>c</sub> ) <sup>2</sup> =	<u> </u>		Choose formula 1 or 2	1		$\overline{}$	P <sub>c</sub> - 14.4) + essure Curve	$\neg$	<u>-</u>	(1 <u>d</u> /	Open Flow	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>c</sub> <sup>2</sup> - P 2. P <sub>c</sub> <sup>2</sup> - P divided by: P <sub>c</sub> <sup>2</sup>		- P 2 1. or 2. and divide P 2 - P 2		Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Deliverability Equals R x Antilog (Mcfd)	
			- c w									
Open Flow			Mcfd @ 14.	65 psia	<u> </u>	Delivera	bility			Mcfd @ 14.65 psi	<u>a</u>	
	•	•				-			•	ort and that he ha	-	
e facts stated	there	in, and that sa	aid report is true	and correct	. Executed	this the 2		_	ovember /	MA. I	<u>, 20 13 </u>	
		Witness (	if any)		<del></del>		<u>_</u>	<u>) an</u>	MUL For	MULL Company	MEE WIC	
		For Comm								cked by	7 TO A	
		FOI COUNT	incolori						One		DEC 26 2	
											RECEIV	

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 Duell 4-17 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: 11/26/13  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.

KCC WICHITA DEC 26 2013

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W400 Duell 4-17 North Goodland Goodland None June-13

	Casing			HR	s	REMARKS		
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)		
6/1/2013		4 1	7	11	0			
6/2/2013		4 1	7	11	0			
6/3/2013		4 1	7	11	0			
6/4/2013		4 1	7	11	0			
6/5/2013		4 1	7	11	0			
6/6/2013		4 1	7	11	0			
6/7/2013		4 1	7	11	0			
6/8/2013		4 1	7	11	0			
6/9/2013		4 1	7	11	0			
6/10/2013		4 1	7	11	0			
6/11/2013		4 1	7	1.1	0			
6/12/2013		4 1	7	12	0			
6/13/2013		4 1	7	12	0	,		
6/14/2013		4 1	7	11	0			
6/15/2013		4 1	7	11	0			
6/16/2013		4 1	7	11	0			
6/17/2013		4 1	7	11	0			
6/18/2013		4 1	7	10	0	shut in		
6/19/2013		8 2	1	0	24	opened up		
6/20/2013		5 1	8	11	0			
6/21/2013		5 1	8	11	0			
6/22/2013		5 1	8	11	0			
6/23/2013		5 1	8	11	0			
6/24/2013		5 1	8	11	0			
6/25/2013		5 1	8	11	0			
6/26/2013		5 1		11	0			
6/27/2013		5 1		11	0			
6/28/2013		5 1	8	11	0			
6/29/2013		5 1	8	11	0			
6/30/2013		5 1	8	11	0			
7/1/2013					0			

Total 320

W400 Duell 4-17 North Goodland Goodland None July-13

	Casing			HRS		REMARKS		
DATE	PSI	STATIC	MCF	DC	WN	(Maximum length 110 characters)		
7/1/2013	4	4 17	7	11	0			
7/2/2013	4	17	7	11	0			
7/3/2013	4	4 17	7	11	0			
7/4/2013	4	4 17	7	11	0			
7/5/2013	4	4 17	7	11	0			
7/6/2013	4	4 17	7	11	0			
7/7/2013	4	4 17	7	11	0			
7/8/2013	4	4 17	7	11	0			
7/9/2013	4	4 13	7	11	0			
7/10/2013	4	4 17	7	11	0			
7/11/2013	4	17	7	12	0			
7/12/2013	4	17	7	11	0	cal		
7/13/2013	4	17	7	10	0			
7/14/2013	4	17	7	11	0			
7/15/2013	4	17	7	8	0			
7/16/2013	4	17	7	9	6.5			
7/17/2013	:	5 18	3	11	0			
7/18/2013	4	4 17	7	13	0			
7/19/2013	4	17	7	12	0			
7/20/2013	4	17	7	8	0			
7/21/2013	4	17	7	11	0			
7/22/2013	4	17	7	6	0			
7/23/2013	4	17	7	12	0			
7/24/2013	(	5 19	)	4	0			
7/25/2013	(	5 19	)	9	0			
7/26/2013	(	5 19	)	5	0			
7/27/2013	(	5 19	)	3	0			
7/28/2013	(	5 19	)	7	0			
7/29/2013	(	5 19	)	12	0			
7/30/2013	(	5 19	)	12	0			
7/31/2013	(	5 19	)	12	0			

Total 308