## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Deliverability 7/11/2013 15-023-20591	-0000						
		API No. 15 15-023-20591 <i>~                                    </i>					
Company Lease Rosewood Resources Dunn	Well Number 1-13						
County Location Section TWP RNG (E/W) Cheyenne SWNW 13 3S 41W		Acres Attributed 80					
	Gas Gathering Connection Branch Systems Inc.						
Completion Date Plug Back Total Depth Packer Set at 9/10/2004 1477'							
Casing Size Weight Internal Diameter Set at Perforations 4 1/2" 10.5# 4.052 1487' 1300'	то 1336'						
Tubing Size Weight Internal Diameter Set at Perforations none	То						
Type Completion (Describe)  Type Fluid Production  Pump Unit or Traveling  Pumping Unit  Pumping Unit	Plunger? (Yes)	/ No					
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Annulus	Gas Gr	avity - G <sub>g</sub>					
Vertical Depth(H) Pressure Taps 1336' Flange	(Meter f 2"	Run) (Prover) Size					
Pressure Buildup: Shut in 7-10 20 13 at 8:50 (PM) Taken 7-11 20	13 <sub>at</sub> 9:05	((AM))(PM)					
	13 at 9:50	(AM)(PM)					
OBSERVED SURFACE DATA	Duration of Shut-	in Hours					
Static / Orifice Dynamic Property (inches) Size Property (inches) Pressure Differential Inches H <sub>2</sub> O Pressure Differential Inches H <sub>2</sub> O Pressure Differential Temperature Temperature t Temperature Temperature t Temperature t Temperature Temperature t Temperature Te	Duration (Hours)	Liquid Produced (Barrels)					
Shut-In							
Flow 87 101.4	24	0					
FLOW STREAM ATTRIBUTES  Plate Circle one: Flowing		Florida					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	v GOR (Cubic Fe Barrel)	et/ Flowing Fluid Gravity G <sub>m</sub>					
31							
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS	(D.)	2 0 207					
$(P_c)^2 = $ : $(P_w)^2 = $ : $P_d = $ . $(P_c - 14.4) + 14.4 = $ :	(P <sub>d</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =					
	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)					
Open Flow Mcfd @ 14.65 psia Deliverability	Mcfd @ 14.65 psi	a					
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above repo	rt and that he ha	s knowledge of					
the facts stated therein, and that said report is true and correct. Executed this the 21 day of November	1 0	, 20 13					
KANSAS CORPORATION COMMISSION	L Company // (L	Timp					
For Commission Chec	cked by						

CONSERVATION DIVISION WICHITA, KS

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status und	ler Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the foreg	joing pressure information and statements contained on this application form are true and
correct to the best	t of my knowledge and belief based upon available production summaries and lease records
of equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby reque	est a one-year exemption from open flow testing for the Dunn 1-13
gas well on the gr	ounds that said well:
(2)	
(Check	
	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
<b>✓</b>	is not capable of producing at a daily rate in excess of 250 mcf/D
I further agree	e to supply to the best of my ability any and all supporting documents deemed by Commission
_	to corroborate this claim for exemption from testing.
stan as necessary	to corroborate this claim for exemption from testing.
Date: 11/21/13	
	RECEIVED  KANSAS CORPORATION COMMISSION  Signature:   CANALL MUTTULEY
1	0.000
•	DEC 2 6 2013 Title: Production Assistant
	CONSERVATION CHAIS* WICHITA 45
	ektoria.

## 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.

W346 Dunn 1-13 St. Francis St. Francis None July-13

Total

FloBoss								
	Casing					HRS	Water	REMARKS
DATE	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
7/1/2013	52	65	30	4	12		16	
7/2/2013	53	66	30	4	12		19	
7/3/2013	51	64	30	4	12		16	5.25 min bt
7/4/2013	55	68	32	4	12		17	
7/5/2013	55	68	32	4	12	-	15	
7/6/2013	54	67	33	4	12		17	
7/7/2013	66	79	33	4	12		15	
7/8/2013	65	78	31	4	12		14	
7/9/2013	62	75	33	4	12		15	
7/10/2013	60	78	33	4	6		8	si for state test - cp 60
7/11/2013	177	58	0	4	6	24	8	reopened - cp 177
7/12/2013	70	83	46	4	6		8	shut pumping unit off hfp
7/13/2013	73	86	41	4	0	2.5	0	
7/14/2013	76	89	44	4	0		0	
7/15/2013	55	68	42	4	6		8	
7/16/2013	53	66	43	4	12		16	treated well
7/17/2013	48	61	38	4	12		18	
7/18/2013	79	92	38	4	6		8	pu off hfp
7/19/2013	70	83	38	4	0		0	-
7/20/2013	71	84	35	4	0		0	
7/21/2013	73	86	35	4	0		0	
7/22/2013	69	82	34	4	0		0	
7/23/2013	66	79	34	4	6		8	restart pu
7/24/2013	73	86	33	4	12		17	5 min bt
7/25/2013	76	89	35	4	6		8	pu off hfp
7/26/2013	64	77	34	4	6		9	restart pu
7/27/2013	53	66	35	4	12		18	
7/28/2013	55	68	38	4	12		19	
7/29/2013	52	65	37	4	12		18	
7/30/2013	94	107	34	4	6	3.5	8	pu off hfp
7/31/2013	117	130	33	4	0	5.5		

1064

RECEIVED
KANSAS CORPORATION COMMISSION

288

DEC 2 6 2013

CONSERVATION DIVISION WICHITA. KS

W346
Dunn 1-13
St. Francis
St. Francis
None
August-13

FloBoss					_	IIDO	Water	DEMARKS
D 4 MP	Casing	OTT A TOTAL	) (OD	CD) f	OVICE	HRS	Water	REMARKS
DATE	PSI	STATIC		SPM		DOWN	BRF2	(Maximum length 110 characters
8/1/2013	74		33					
8/2/2013	75		32					
8/3/2013	70		32					
8/4/2013	72		32					
8/5/2013	62		30	4				
8/6/2013	51	64	30	4			0	restart pu
8/7/2013	47	60	30	4			0	
8/8/2013	51	64	30	4			0	
8/9/2013	54	67	30	4	6	•	9	pu off, restarted
8/10/2013	53	65	32				18	
8/11/2013	49	62	33	4	12		17	
8/12/2013	49	62	30	4	12		18	alarm - dc bus low, restarted
8/13/2013	50	63	30	4	12		20	
8/14/2013	50	63	32	4	12		16	5.5 min bt greased
8/15/2013	51	64	34	4	12	0.5	17	•
8/16/2013	61	74	34	4	12		15	
8/17/2013	62	75	35	4	12		18	
8/18/2013	62	75	35	4	12		19	
8/19/2013	64	77	35	4	6	1.5	8	
8/20/2013	87	100	33	4	0	1	0	
8/21/2013	83	96	31	4	0		0	
8/22/2013	87	100	31	4	0	5	0	
8/23/2013	69	82	31	4	0		0	
8/24/2013	81	94	30	4	0	1	0	
8/25/2013	85	98	30	4	0	1	0	
8/26/2013	51	64	29	4	0		0	
8/27/2013	48	61	30	4	6		8	restart pu
8/28/2013	47	60	30	4	12		16	-
8/29/2013	89	102	32	4	6		8	pu 0ff hfp
8/30/2013	84		31	4			0	•
8/31/2013	84		29				0	

Total 976 207

RECEIVED KANSAS CORPORATION COMMISSION

DEC 2 6 2013

CONSERVATION DIVISION WICHITA, KS

W346 Dunn 1-13 St. Francis St. Francis None

September-13

**FloBoss** 

	Casing					RS	Water	REMARKS
DATE	PSI	STATIC	MCF	SPM	CYCLE D	OWN	BBLS	(Maximum length 110 characters
9/1/2013	107		28			1		
9/2/2013	91	104	28					
9/3/2013	163	176	28			22		
9/4/2013	177	190	9			10		
9/5/2013	114	127	27					
9/6/2013	86	99	31			1		
9/7/2013	92	105	29					
9/8/2013	89	102	27					
9/9/2013	92	105	27					
9/10/2013	96	109	26			2		
9/11/2013	144	157	26					
9/12/2013	144	157	13			18		
9/13/2013	86	99	29			4		
9/14/2013	80	93	27			2		
9/15/2013	80	93	27					
9/16/2013	61	74	27					
9/17/2013	51	64	25					
9/18/2013	48	61	25	4	6		8	restart pu
9/19/2013	44	57	25	4	12		16	•
9/20/2013	32	45	27	4	12		17	
9/21/2013	35	48	29	4	12		16	
9/22/2013	59	72	29	4	12		15	
9/23/2013	62	75	28	4	12		16	
9/24/2013	53	66	30	4	6	4	8	pu off hfp
9/25/2013	84	97	28	4	0		0	
9/26/2013	70	83	27	4	0		0	
9/27/2013	49	62	27	4	6		8	restart pu
9/28/2013	53	66	26	4	12		17	
9/29/2013	53	66	26	4	12		19	
9/30/2013	57	70	26	4	12		20	
10/1/2013								

Total 787 160

RECEIVED KANSAS CORPORATION COMMISSION

DEC 2 6 2013

CONSERVATION DIVISION WICHITA, KS