KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:		(See Instructions on Reverse Side)											
= .	en Flow liverabilty	-		Test Date: API No. 15 6/2/2015 181-20490-01 00									
Company		urces, Inc.				Lease Wahrma	ın		_ _	13-22	Well Number		
			Section 22					/W)		Acres Attributed 80			
Field Goodland	d				Reservoir Niobrara				39W 80 Gas Gathering Connection Branch Systems Inc.				
Completio 3/26/200				Plug Back Total Depth 3455'				Packer					
Casing Si 4 1/2"	ize	Weigh 10.5#		Internal E	Internal Diameter Set at 4.000 3455'			Perfo	rations 7'	To 3442'			
Tubing Si	Z Q	Weigh		Internal Diameter Set at			Perf	orations	То				
Type Com Single (Type Fluid Production Dry Gas				Pump Unit or Traveling Plunger? Yes No Flowing				
	Thru (A	nnulus / Tubin	g)	<u>-</u>					jen	Gas Gr .6	Gas Gravity - G		
Vertical D					Pressure Taps					(Meter	Run) (Prover) Size		
3480'		Shut in 6-1		15 1	Flaı :25	nge _ (AM) (PM)	. 6-	.2		2" 15 _{at} 1:35			
Pressure Well on Li		Shut in6-2								at15 at _2:25	(AM)(PM) (AM) (PM)		
										Duration of Shut-	in 24 Hours		
Static / Dynamic Property	Static / Orifice Meter Diffe Dynamic Size Prover Pressure			Flowing Well Head Temperature		Casi Wellhead	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing ead Pressure or (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In	(inches)	psig (Pm)	Inches H ₂ 0	<u> </u>		psig_	psia 50.4	psig	psia				
Flow		_	_	<u> </u>		6	20.4			24	0 _		
					FLOW ST	REAM ATTR	BUTES			· - - -			
Coefficient Meter or Exten		Press Extension √ P _m x h	Faci	Gravity Factor Te		Deviation Factor F _{pv}		Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)	l Gravity I			
									13				
(P _c) ² =	:	(P _w)² =	: :	(OPEN FL	. ,	VERABILITY)	CALCUI (- 14.4) +		:		² = 0.207 ² =		
(P _e) ² - (F	-	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _a ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide by:	P _c ² - P _w ²	Backpres Slop Ass	ssure Curve be ≈ "n" or signed ard Slope	, n x	rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flov				65 psia		Deliverab	ility			Mcfd @ 14.65 ps	 ia		
The u	undersign		n behalf of the	Company,		he is duly au	ithorized (ort and that he ha			
the facts st	tated the	rein, and that s	aid report is true	and correc	t. Execute	ed this the 22	<u>-</u>		December	1 1100			
		Witness	(if any)	-	(CC V	VICHIT	A	<u>)</u> a	MULL	Company	ung_		
	<u>-</u>	For Com	mission		APR 0	7 2016	_		Che	ecked by			

RECEIVED

exempt status under Rule K.A.R. 82-3-304 and that the foregoing pressure informat correct to the best of my knowledge and b of equipment installation and/or upon type	der the laws of the state of Kansas that I am authorized to request I on behalf of the operator Rosewood Resources, Inc. ion and statements contained on this application form are true and relief based upon available production summaries and lease records of completion or upon use being made of the gas well herein named. In from open flow testing for the Wahrman 13-22H
is on vacuum at the prediction is not capable of produ	If due to water gas for injection into an oil reservoir undergoing ER esent time; KCC approval Docket No ucing at a daily rate in excess of 250 mcf/D If my ability any and all supporting documents deemed by Commission
KCC WICHITA APR 0.7 2016 RECEIVED	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.

W2395 Wahrmann 13-22H North Goodland Goodland None June-15

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF_	DOWN	(Maximum length 110 characters)
6/1/2015	36	8	C	24	
6/2/2015	24	6	C	24	
6/3/2015	16	37	14	. 0	
6/4/2015	10	36	14	. 0	
6/5/2015	9	35	14	. 0	1
6/6/2015	8	35	14	. 0	
6/7/2015	8	34	14	. 0	
6/8/2015	7	33	14	. 0	
6/9/2015	7	33	14	. 0	
6/10/2015	7	33	14	0	meter blank, rplcd bat, need solar pane
6/11/2015	6	32	15	0	
6/12/2015	5	33	13	0	
6/13/2015	5	33	14	. 4	
6/14/2015	5	32	14	. 0	
6/15/2015	5	31	14	0	
6/16/2015	5	32	14	. 0	
6/17/2015	5	31	14	. 0	
6/18/2015	5	31	14	. 0	
6/19/2015	5	31	14	. 0	
6/20/2015	5	32	13	1	
6/21/2015	5	31	14	. 0	
6/22/2015	5	31	14	. 0	
6/23/2015	5	31	14	. 0	
6/24/2015	5	31	14	. 0	
6/25/2015	5	32	13	2	
6/26/2015	5	31	14	. 0	
6/27/2015	5	31	14	. 0	
6/28/2015	5	31	14	. 0	
6/29/2015	5	31	14	. 0	•
6/30/2015	5	31	14	. 0	
7/1/2015		0	C	0	

Total 390

KCC WICHITA APR 0.7 2016 RECEIVED

W2395 Wahimani 13-22H

North Goodland

Goodland

None

July-14

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
7/1/2014	18	3 31	13	0	
7/2/2014	18	3 31	. 13	0	
7/3/2014	18	3 31	. 13	0	
7/4/2014	18	3 31	13	0	
7/5/2014	18	3 3 1	13	0	
7/6/2014	18	3 3 1	13	0	
7/7/2014	18	3 1	13	0	
7/8/2014	18	3 3 1	13	0	
7/9/2014	13	3 31	13	0	
7/10/2014	13	3 3 1	13	0	
7/11/2014	18	3 1	13	0	
7/12/2014	18	8 31	13	0	
7/13/2014	13	8 31	13	0	
7/14/2014	20	0 33	3 11	0	
7/15/2014	20	33	12	6	
7/16/2014	20	0 33	3 12	0	
7/17/2014	20	0 33	3 12	0	
7/18/2014	20	0 33	3 12	0	
7/19/2014	20	0 33	3 12	0	
7/20/2014	2	1 34	11	0	
7/21/2014	2	0 33	3 12	1	
7/22/2014	20	0 33	3 12	0	
7/23/2014	2	1 34	11	3	
7/24/2014	20	0 33	3 12	0	
7/25/2014	2	0 33	3 12	0	
7/26/2014	2	0 33	3 12	0	
7/27/2014	2	0 33	3 12	0	
7/28/2014	2:	2 35	5 9	9	
7/29/2014	2	0 33	3 12	0	
7/30/2014	1	9 32	2 13	0	
7/31/2014	1	9 32	2 12	1	

Total

380

KCC WICHITA APR 0.7 2016 RECEIVED

W2395 Wahrmann;13-22H

North Goodland

Goodland

None

August-14

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN	4	(Maximum length 110 characters)
8/1/2014		6 I	9	13	2	
8/2/2014		6 1	9	13	0	
8/3/2014		6 1	9	13	0	
8/4/2014		6 1	9	13	0	
8/5/2014		6 1	9	13	0	
8/6/2014		6 1	9	13	0	
8/7/2014		6 I	9	13	0	
8/8/2014		6 1	9	13	0	
8/9/2014		6 1	9	13	0	
8/10/2014		6 1	9	13	0	
8/11/2014		5 1	8	13	0	
8/12/2014		5 1	8	13	0	
8/13/2014		5 1	8	13	0	
8/14/2014		5 1	8	13	0	
8/15/2014		5 1	8	13	0	
8/16/2014		5 1	8	13	0	
8/17/2014		5 1	8	13	0	
8/18/2014		5 1	8	13	0	
8/19/2014		5 1	8	13	0	replaced battery
8/20/2014		5 1	8	13	0	
8/21/2014		5 1	8	13	0	
8/22/2014		5 1	8	13	0	
8/23/2014		5 1	8	13	0	
8/24/2014		5 1	8	13	0	
8/25/2014		5 1	8	13	0	
8/26/2014		5 1	8	13	0	
8/27/2014		5 1	8	13	0	
8/28/2014		5 1	8	13	0	
8/29/2014		5 I	8	13	0	
8/30/2014		5 1	8	13	0	
8/31/2014		5 1	8	13	0	

Total

403

KCC WICHITA APR 07 2016 RECEIVED