KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: en Flow		SI		·	(See Instruc	tions on Re	everse Side	•	IN. de		
Deliverabilty									NPI No. 15 123-20627-00			
Company Rosewood Resources, Inc.						Lease Isernhagen					21-26	Well Number
County Location Cheyenne NENW/4			Section TWP 26 3S				RNG (E/W) 41W			Acres Attributed 80		
Field St. Franc	cis					Reservoir Niobrara			Gas Gathering Connection Branch Systems Inc.			
Completic	05				Plug Bac 1513'	3				Set at		
Casing Si 2 7/8"			Weight 6.5#		Internal Diameter 2.441		Set at 1513'		Perforations 1381'		To 1413'	
Tubing Si			Weight			Internal Diameter Set at				orations	To Plunger? Yes	
Type Com Single (Conve	entiona	l)		Dry Ga	Dry Gas f			flowing	Pump Unit or Traveling Plunge flowing		
Producing Annulus	, }		/ Tubing)		% (Carbon Diox			% Nitrog	jen	.6	ravity - G _g
Vertical D 1413'	eptn(H)				Pressure Taps Flange						2"	Run) (Prover) Size
Pressure	Buildup			2	20 08 at 1:00		(AM) (M)	M) (PM) Taken 5-24			08 at 1:15	(AM) PM
Well on Li	ine:	Starte	5-24	2	08 at 1	.10	(AM) (PM)	Taken 5-	25	20	08 _{at} 2:00	(AM((PM))
1			ircie one:			OBSERVE	D SURFAC		1	<u> </u>	Duration of Shut	-in 24
Static / Orifice Dynamic Size Property (inches)		Provi	<i>Meter</i> <i>Meter</i> er <i>Pressur</i> sig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Wellho		Pressure Wellhe		Tubing ad Pressure r (P ₁) or (P _c) psia	Duration Liquid Production (Hours) (Barrels)	
Shut-In							80	94.4	psig	pola		
Flow							220	234,4			24	0
						FLOW STR	EAM ATTE	RIBUTES	- 1			
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Gravity Factor F _g		Flowing Temperature Factor F ₁₁	Fac	iation ctor pv	Metered Flov R (Mcfd)	GOR (Cubic Fe Barrel)	i Gravity
										15		
P _c) ² =		:	(P _w) ² =	:	(OPEN FLO	OW) (DELIV) CALCUL		:	(P _s)) ² = 0.207) ² =
$(P_c)^2 - (P_a)^2$ 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_a^2 $ $ (P_c)^2 - P_a^2 $ $ (B_c)^2 - P_a^2 $		LOG of formula 1. or 2. and divide by:		Backpre Slo As	Backpressure Curve Slope = "n" or Assigned Standard Slope		log [Antilog	Open Flow Deliverability Equats R x Antilog (Mcfd)	

Open Flow	 			Mcfd @ 14.6	65 psia		Deliverat	pility			Mcfd @ 14.65 ps	ia
									D	e above repo ecember	rt and that he ha	
e lacis sia	aleu ine	aein, and	ınat sait	d report is true		RECEIVE CORPORATION	'ED		day of	_ m_	la-	DE 08
			Witness (if a	ny)					-	For C	ompany	RECEN
***************************************			For Commiss	sion		AN 29				Chec	ked by	SEP 18

CONSERVATION DIVISION WICHITA, KS

KCC WICHITA

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 Isernhagen 21-26	
gas well on the grounds that said well:	
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: _12/12/08 RECEIVE	
JAN 2 9 20	109
CONSERVATION DIV WICHITA, KS	VISION
Signature: wayne mshon	
Title: Production Foreman	

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.

RECEIVED

SEP 1 8 2009

KCC WICHITA

W360

Isernhagen 21-26

St. Francis

St. Francis

None

May-08

	Casing		1	HRS	REMARKS
DATE	PSI	STATIC M	ICF 1	DOWN	(Maximum length 110 characters)
5/1/2008		86	19	0	
5/2/2008	72	85	19	0	
5/3/2008		85	19	0	
5/4/2008		85	20	0	
5/5/2008		85	19	0	
5/6/2008		85	19	0	
5/7/2008	72	85	19	0	
5/8/2008		84	19	0	
5/9/2008		85	19	0	
5/10/2008		84	19	0	
5/11/2008		83	19	0	
5/12/2008		84	19	0	
5/13/2008		84	19	0	
5/14/2008	70	84	19	0	
5/15/2008		86	19	0	
5/16/2008		84	19	0	
5/17/2008		83	19	0	
5/18/2008		84	19	0	
5/19/2008		82	19	0	
5/20/2008		83	19	0	
5/21/2008		79	19	0	
5/22/2008		79	19	0	
5/23/2008		79	19	0	
5/24/2008	80	94	19		shut in for test
5/25/2008	220	66	5		open bp
5/26/2008		92	27	0	-
5/27/2008		89	22	0	
5/28/2008		86	21	0	
5/29/2008		86	20	0	
5/30/2008		86	20	0	
5/31/2008		100	28	0	

Total 600

RECEIVED KANSAS CORPORATION COMMISSION

JAN 2 9 2009

CONSERVATION DIVISION WICHITA, KS

RECEIVED
SEP 1 8 2009
KCC WICHITA

W360

Isernhagen 21-26

St. Francis

St. Francis

None

June-08

	Casing			1	HRS	REMARKS
DATE	PSI	STATIC	MCF	I	DOWN	(Maximum length 110 characters)
6/1/2008		97	'	27	. 0	
6/2/2008		93		25	0	
6/3/2008		93		25	0	
6/4/2008		79		14	0	
6/5/2008		78		16	0	
6/6/2008		77		15	0	
6/7/2008		79		15	0	
6/8/2008		78		15	0	
6/9/2008		79		15	0	
6/10/2008		82		15	0	
6/11/2008		85		15	0	
6/12/2008		83		15	0	
6/13/2008		85		15	0	
6/14/2008		83		15	0	
6/15/2008		87		15	0	
6/16/2008		83		15	0	
6/17/2008		83		15	0	
6/18/2008		81		15	0	
6/19/2008		80		15	0	
6/20/2008		80		15	0	
6/21/2008		81		15	0	
6/22/2008		81		15	0	
6/23/2008		82		15	0	
6/24/2008		80		15	0	
6/25/2008		80		15	0	
6/26/2008		80		15	0	
6/27/2008		81		15	0	
6/28/2008		80		15	0	
6/29/2008		80		15	0	
6/30/2008		80		15	0	
7/1/2008					0	

Total 482

RECEIVED KANSAS CORPORATION COMMISSION

JAN 2 9 2009

CONSERVATION DIVISION WICHITA, KS

RECEIVED SEP 1 8 2009 KCC WICHITA

W360

Isernhagen 21-26

St. Francis

St. Francis

None

July-08

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
7/1/2008		. 80	15	0	
7/2/2008		84	15	0	
7/3/2008	65		15	0	
7/4/2008		79	15	0	
7/5/2008		88	15	0	
7/6/2008		90	15	0	
7/7/2008		88	15	0	
7/8/2008		83	15	0	
7/9/2008		80	15	0	
7/10/2008	68		15	0	
7/11/2008		84	15		SI to build pressure
7/12/2008		71	3	24	
7/13/2008		71	3	24	
7/14/2008		173	0	24	
7/15/2008		113	0	24	
7/16/2008		92	0	24	
7/17/2008	65	76	0	24	
7/18/2008		100	0	24	brought on line 5:00 pm
7/19/2008		96	40	3	-
7/20/2008		102	59	0	
7/21/2008		101	56	0	
7/22/2008		103	54	0	
7/23/2008		83	57	0	
7/24/2008	90	104	60	0	•
7/25/2008		101	56	0	
7/26/2008		76	59	0	
7/27/2008		78	56	0	
7/28/2008		81	57	0	
7/29/2008		74	59	0	
7/30/2008		148	57	0	
7/31/2008	65		50	5	

Total 891

RECEIVED KANSAS CORPORATION COMMISSION

JAN 2 9 2009

CONSERVATION DIVISION WICHITA, KS

RECEIVED
SEP 1 8 2009
KCC WICHITA