KCC WICHITA

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

Type Test:	MET		(	See Instruct	uons on H	everse Side	"				
Open Flow	y De		Test Date 9/7/201					I No. 15 3-20110 <i>- (</i>	$\Upsilon(\Upsilon)$		
Company Rosewood Resi	ources, Inc.			·	Lease Rueb				1-9	Well Number	
County Cheyenne	Location SESE		Section 9		TWP 3S		RNG (E 42W	W)		Acres Attributed	
Field St. Francis		•	Reservoir					thering Conr			
Completion Date 7-24-1999			Plug Bac	k Total Dept	th		Packer	Set at			
Casing Size 4 1/2"	Weigh 10.5#		internal ( 4.052	Diameter	Set 159		Perfo	orations O'	то 1590'		
Hubing Size	// Weigh	t	Internal [	Diameter	Set /53	,	Perfo	prations	То		
Type Completion Single (Conve	(Describe)		Type Flui Dry Ga	d Production		7.3		nit or Traveling	g Plunger? (Yes	)/ No	
Producing Thru (A		)		Carbon Dioxi	de		% Nitrog		Gas Gr ,6	avity - G	
Vertical Depth(H)	: <del></del>			Pres Flan	sure Taps		<del></del>			Run) (Prover) Si	
Pressure Bulldup:	Shut in 9-6	20	11 at 1	.25	(AM)(PM	Taken_9-	7	20	11 <sub>at</sub> 1:40	(AM)(PM	
Well on Line:	Started 9-7	20	11 at 1	·40		_	8	20	11 at 2:25	(AM) PM	
				OBSERVE	D SURFAC	E DATA			Duration of Shut-	in_24H	
Dynamic Size	ynamic Size Meter Differential Prover Pressure in		Flowing Temperature t	Well Head Temperature	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>4</sub> )		Duration (Hours)	Uquid Produced (Barrels)	
Shut-In	psig (Pm)	Inches H <sub>2</sub> 0			psig 154	psia 168.4	psig	psla			
Flow					30	44.4			24	0	
		, .		FLOW STR	EAM ATT	RIBUTES					
Plate Coeffictient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fac F	tor 1	Flowing femperature Factor F <sub>it</sub>	Fa	iation ctor pv	Metered Flo R (McId)	w GOR (Cubic Fe Barrel)	Gravity	
								25			
(P <sub>c</sub> )² =	· /P \2 _		•	OW) (DELIV		-			(P <sub>a</sub> )	² = 0.207	
$(P_a)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$\frac{(P_w)^2 = (P_w)^2}{(P_e)^2 \cdot (P_w)^2}$	Choose formula 1 or 2:  1, P <sub>2</sub> 2 P <sub>2</sub> 2, P <sub>2</sub> 2	P <sub>d</sub> =		% (P <sub>c</sub> - 14.4) +  Backpressure Curve Slope = "n"or		n x LOG		Antilog	Open Flow Deliverability Equals R x Antike	
V et = V d1		divided by: P.2 - P.2	and divide by:	P. 2 - P. 2		ssigned dard Slope				(Mcfd)	
Open Flow		Mcfd @ 14.6	55 psla		Delivera	bility			Mcfd @ 14.65 psi	ia	
The undersigned the facts stated the	•				•		_		ort and that he ha	s knowledge of	
			_				an	ull	GELL	CH	
	Witness (i	I any)								RECEIVE	
	For Comm	ission						Che	ecked by	APR 2 4 20	

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 Rueb 1-9
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.
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.

RECEIVED

APR 2 4 2012

KCC WICHITA

W368

Rueb 1-9

West St. Francis

St. Francis

Pumping Unit/Elec

September-11

Chart Meter

	Casing					HRS	Water	
DATE	PSI					CLIDOWN	BBLS	(Maximum length 110 characters)
9/1/2011	35	48	26		8		5	
9/2/2011	29	42	26		8		3	
9/3/2011	37	40	25	6	8		12	
9/4/2011	29	42	26		8		7	•
9/5/2011	29	42	26	6	8		5	i
9/6/2011	30	43	26	6	4		8	shut well into do state test
9/7/2011	154	43	0	6	0	24	0	opened well didn't start pumping unit h
9/8/2011	35	48	28	6	4		0	started pumping unit
9/9/2011	35	48	29	6	8		7	<i>T</i>
9/10/2011	32	45	26		8		7	•
9/11/2011	32	45	26	6	8		10	)
9/12/2011	31	44	26	6	8		5	j
9/13/2011	30	43	26	6	8		8	1
9/14/2011	67	80	25	6	4		2	high fp, no water
9/15/2011	71	84	23	6	0		0	)
9/16/2011	66	79	25	6	4		4	started pumping unit
9/17/2011	43	56	25	6	8		0	
9/18/2011	38	51	26	6	8		12	
9/19/2011	35	48	27	6	8		10	
9/20/2011	30	43	27	6	8		2	
9/21/2011	30	43	27	6	8		7	
9/22/2011	35	48	27	6	8		7	•
9/23/2011	65	78	29	6	8		7	•
9/24/2011	75	88	26	6	4		0	shut pumping unit off hfp and no water
9/25/2011	85	98	25	6	0		0	
9/26/2011	70	83	23	6	0		0	
9/27/2011	70	83	23	6	0		0	
9/28/2011	73	86	23	6	0		0	
9/29/2011	73	86	23		0		0	shut pumping unit off hfp and no water
9/30/2011	71	84	21		0		0	
10/1/2011				_	-		•	

Total

741

128

RECEIVED
APR 2 4 2012
KCC WICHITA

W368

Rueb 1-9

West St. Francis

St. Francis

Pumping Unit/Elec

October-11

Chart Meter

	Casing					HRS	Water	REMARKS
DATE	PSI	STATIC	MCF	SPM	CYC	LE DOWN	BBLS	(Maximum length 110 characters)
10/1/2011	72	85	20	6	0		0	pu off hfp
10/2/2011	65	78	21	6	4		0	restart pu
10/3/2011	65	78	25	6	8		10	
10/4/2011	63	76	25	6	8		10	
10/5/2011	35	48	26	6	8		5	
10/6/2011	55	68	25	6	8		7	
10/7/2011	70	83	23	6	4		3	shut pumping unit off hfp
10/8/2011	35	48	23	6	4		0	started pumping unit tighten belts
10/9/2011	30	43	25	6	4		12	
10/10/2011	30	43	26	6	4		7	
10/11/2011	30	43	26	6	4		8	
10/12/2011	30	43	26	6	4		8	
10/13/2011	30	43	26	6	4		7	
10/14/2011	30	43	25	6	4		5	
10/15/2011	30	43	25	6	4		8	
10/16/2011	30	43	25	6	4		6	
10/17/2011	30	43	25	6	4		7	
10/18/2011	30	43	25	6	4		8	
10/19/2011	30	43	25	6	4		5	
10/20/2011	30	43	25	6	4		7	
10/21/2011	30	43	25	6	4		7	
10/22/2011	30	43	25	6	4		7	
10/23/2011	30	43	25	6	4		5	
10/24/2011	30	43	25	6	4		8	
10/25/2011	30	43	25	6	4		7	
10/26/2011	30	43	25	6	4		8	
10/27/2011	30	43	25	6	4		2	
10/28/2011	30	43	25	6	4		8	
10/29/2011	30	43	25	6	4		5	
10/30/2011	23	36	24	6	4		4	
10/31/2011	26	39	25	6	4		5	

Total 766 189

RECEIVED
APR 2 4 2012
KCC WICHITA

W368

Rueb 1-9

West St. Francis

St. Francis

Pumping Unit/Elec

November-11

Chart Meter

	Casing				HRS	Water	REMARKS
DATE	PSI	STATIC MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
11/1/2011	25	38 2:	5 6	4		7	
11/2/2011	25	38 2:	5 6	4		5	
11/3/2011	25	38 25	5 6	4		5	
11/4/2011	25	38 25	5 6	4		5	
11/5/2011	25	38 25	5 6	4		8	
11/6/2011	25	38 2:	5 6	4		5	
11/7/2011	30	43 25	5 6	4		5	
11/8/2011	30	43 25	5 6	4		7	
11/9/2011	30	43 25	5 6	4		7	
11/10/2011	30			4		7	
11/11/2011	40			4		7	
11/12/2011	65			2		4	pu off hfp
11/13/2011	50	63 20		2		4	restart pu
11/14/2011	36	49 23	3 6	4		5	
11/15/2011	28	41 2:	5 6	4		6	
11/16/2011	35	48 2:	5 6	4		3	
11/17/2011	33	46 2:	5 6	4		5	
11/18/2011	33	46 23	3 6	4		7	
11/19/2011	33	46 23	3 6	4		9	1
11/20/2011	33	46 23	3 6	4		5	
11/21/2011	30	43 23		4		5	
11/22/2011	30	43 24	6	4		7	
11/23/2011	30	43 22	2 6	4		3	
11/24/2011	31		2 6	4		5	
11/25/2011	35	48 23	3 6	4		8	
11/26/2011	31	44 2:	3 6	4		3	
11/27/2011	30	43 23	3 6	4		10	1
11/28/2011	30		3 6	4		3	
11/29/2011	31		3 6	4		2	
11/30/2011	30	43 23	3 6	4		5	
12/1/2011	0	0(	0	0	0	0	1

Total 721 167

RECEIVED
APR 2 4 2012
KCC WICHITA