

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow **OSI**
 Deliverability

Test Date:
7/14/2009

API No. 15
023-20677-0000

Company Rosewood Resources, Inc.		Lease Stuart		Well Number 33-30	
County Cheyenne	Location SWNE	Section 30	TWP 3S	RNG (E/W) 40W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 3/14/2006		Plug Back Total Depth 1312'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1312'	Perforations 1168'	To 1204'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Conventional)		Type Fluid Production Dry Gas		Pump Unit or Traveling Plunger? <input checked="" type="checkbox"/> Yes / No Pumping Unit	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1204'		Pressure Taps Flange		Gas Gravity - G _g .6	
				(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 7-13 20 09 at 10:00 (AM) (PM)		Taken 7-14 20 09 at 10:15 (AM) (PM)			
Well on Line: Started 7-14 20 09 at 10:15 (AM) (PM)		Taken 7-15 20 09 at 11:00 (AM) (PM)			

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _i) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						50	64.4				
Flow						175	189.4			24	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _s) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						14		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207

(P_o)² = _____

(P_c)² = _____ : (P_w)² = _____ : P_o = _____ % (P_c - 14.4) + 14.4 = _____ :

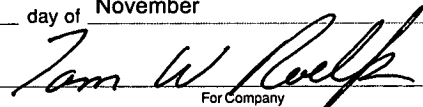
(P _c) ² - (P _a) ² or (P _c) ² - (P _o) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _o ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 19 day of November, 20 09.

Witness (if any)

For Commission


 For Company
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 Checked by _____

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.

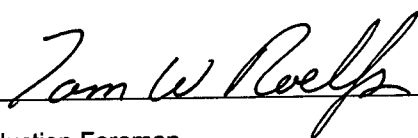
I hereby request a one-year exemption from open flow testing for the Stuart 33-30 gas well on the grounds that said well:

(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: 11/19/09

Signature: 
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.

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KCC WICHITA

W372
 Stuart 33-30
 St. Francis
 St. Francis
 None
 July-09

DATE	Casing PSI	STATIC	MCF	SPM	HRS CYCLE DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
7/1/2009		70	16	0	0	0	0 pump off
7/2/2009		71	16	5.5	24	0	0 started pumping unit
7/3/2009		71	15	5.5	24	0	29
7/4/2009		71	15	5.5	24	0	28
7/5/2009		71	15	5.5	24	0	27
7/6/2009		71	12	5.5	24	0	28
7/7/2009		73	12	5.5	24	0	29
7/8/2009		173	0	0	0	6	28
7/9/2009		91	1	0	0	1	0
7/10/2009		71	15	5.5	24	0	29
7/11/2009		70	15	5.5	24	0	28
7/12/2009		64	14	5.5	24	0	27
7/13/2009		71	15	5.5	24	0	28
7/14/2009	50	64	5	0	0	0	29 shut in at well for test 50 psi
7/15/2009	175	139	0	0	0	0	0 open
7/16/2009		64	20	0	0	0	0
7/17/2009		66	17	0	0	0	0
7/18/2009		66	16	0	0	0	0
7/19/2009		69	5	0	0	0	0
7/20/2009		69	4	0	0	7	0
7/21/2009		69	4	0	0	0	0
7/22/2009		65	7	0	0	0	0
7/23/2009		68	5	0	0	0	0
7/24/2009		68	5	0	0	0	0
7/25/2009		70	5	0	0	0	0
7/26/2009		68	4	5.5	24	0	0 started pumping unit
7/27/2009		66	4	5.5	24	4	29
7/28/2009		65	15	5.5	24	0	28
7/29/2009		70	15	5.5	24	0	27
7/30/2009		74	15	5.5	24	0	28
7/31/2009		72	5	5.5	24	0	29

Total

312

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 KCC WICHITA

W372
 Stuart 33-30
 St. Francis
 St. Francis
 None
 August-09

DATE	Casing PSI	STATIC MCF	SPM	HRS CYCLE	DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
8/1/2009		70	5	0	0	0	0
8/2/2009		68	5	0	0	0	0
8/3/2009		68	5	0	0	0	0
8/4/2009		75	6	0	0	0	0
8/5/2009		88	13	0	0	0	0
8/6/2009		66	16	0	0	0	0
8/7/2009		68	8	0	0	0	0
8/8/2009		68	16	0	0	0	0
8/9/2009		68	16	0	0	0	0
8/10/2009		67	16	0	0	0	0 PU OFF
8/11/2009		64	16	0	0	0	0
8/12/2009		62	16	0	0	0	0
8/13/2009		62	16	0	0	0	0
8/14/2009		65	16	0	0	0	0
8/15/2009		68	16	0	0	0	0
8/16/2009		66	16	0	0	0	0
8/17/2009		138	14	0	0	0	0 pump off
8/18/2009		137	15	0	0	0	0
8/19/2009		138	15	0	0	0	0
8/20/2009		65	15	0	0	0	0
8/21/2009		68	13	0	0	0	0
8/22/2009		65	14	0	0	4	0
8/23/2009		116	14	0	0	0	0
8/24/2009		66	14	0	0	0	0
8/25/2009		99	13	0	0	4	0
8/26/2009		66	14	0	0	0	0
8/27/2009		66	5	6	24	0	0 started pump greased changed spark plugs
8/28/2009		66	12	0	0	0	0 pump off
8/29/2009		127	5	0	0	0	0
8/30/2009		66	2	0	0	3	0
8/31/2009		67	11	0	0	0	0

Total

378

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 KCC WICHITA

W372
 Stuart 33-30
 St. Francis
 St. Francis
 None
 September-09

DATE	Casing				HRS	Water
	PSI	STATIC	MCF	SPM	CYCLE DOWN	BBLs
9/1/2009	0	66	13	0	0	0
9/2/2009	0	66	13	0	0	0
9/3/2009	0	70	5	0	0	0
9/4/2009	0	91	2	0	0	6
9/5/2009	0	70	2	0	0	0
9/6/2009	0	68	12	0	0	0
9/7/2009	0	68	13	0	0	0
9/8/2009	0	68	13	0	0	0
9/9/2009	0	71	12	0	0	0
9/10/2009	0	66	12	0	0	0
9/11/2009	0	65	12	0	0	0
9/12/2009	0	64	12	0	0	0
9/13/2009	0	69	12	0	0	1.5
9/14/2009	0	63	12	0	0	0
9/15/2009	0	64	12	0	0	0
9/16/2009	0	62	12	0	0	0
9/17/2009	0	62	12	0	0	0
9/18/2009	0	61	12	0	0	0
9/19/2009	0	60	12	0	0	0
9/20/2009	0	60	12	0	0	0
9/21/2009	0	62	12	0	0	0
9/22/2009	0	60	12	0	0	0
9/23/2009	0	60	12	0	0	0
9/24/2009	0	59	11	0	0	0
9/25/2009	0	90	10	0	0	6
9/26/2009	0	114	13	0	0	0
9/27/2009	0	97	12	0	0	0
9/28/2009	0	89	12	0	0	0
9/29/2009	0	67	12	0	0	0
9/30/2009	0	71	8	0	0	8
10/1/2009	0	0	0	0	0	0

Total

331

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