

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow **SI**
 Deliverability

Test Date:
8/11/2009

API No. 15
023-20545-0000

Company Rosewood Resources, Inc.		Lease Moore		Well Number 1-16	
County Cheyenne	Location NWSW	Section 16	TWP 2S	RNG (E/W) 42W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 1/30/2004		Plug Back Total Depth 1871'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1871'	Perforations 1655'	To 1689'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Conventional)		Type Fluid Production		Pump Unit or Traveling Plunger? Yes <input checked="" type="checkbox"/> No flowing	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen .6	
Vertical Depth(H) 1885'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 8-10 20 09 at 2:00 (AM) <input checked="" type="checkbox"/> PM Taken 8-11 20 09 at 2:15 (AM) <input checked="" type="checkbox"/> PM					
Well on Line: Started 8-11 20 09 at 2:15 (AM) <input checked="" type="checkbox"/> PM Taken 8-12 20 09 at 3:00 (AM) <input checked="" type="checkbox"/> PM					

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (P _m)	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						90	104.4				
Flow						300	314.4			24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _v) 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
						12		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207

(P_o)² = _____

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (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

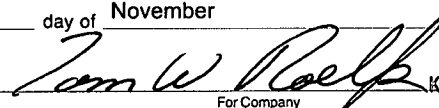
Mcfd @ 14.65 psia

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 20 day of November, 2009.

Witness (if any)


For Company

For Commission

Checked by

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NOV 30 2009

CONSERVATION DIVISION
WICHITA, KS

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.

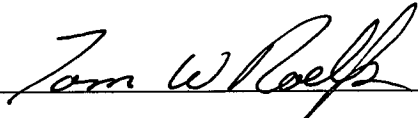
I hereby request a one-year exemption from open flow testing for the Moore 1-16 gas well on the grounds that said well:

(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: 11/20/09

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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CONSERVATION DIVISION
WICHITA, KS

W2560
 Moore 1-16
 West St. Francis
 R4

August-09
 FloBoss

DATE	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
8/1/2009	83		13	0
8/2/2009	83		13	0
8/3/2009	97		12	0
8/4/2009	100		13	0
8/5/2009	90		13	0
8/6/2009	98		12	0
8/7/2009	98		13	0
8/8/2009	98		13	0
8/9/2009	99		12	0
8/10/2009	98		12	0
8/11/2009	95		12	0 casing psi 90 shut in for test
8/12/2009	93		3	0 casing psi 300 open
8/13/2009	123		16	0
8/14/2009	100		14	0
8/15/2009	96		13	0
8/16/2009	95		13	0
8/17/2009	134		4	0
8/18/2009	136		0	0
8/19/2009	135		0	0
8/20/2009	117		9	0
8/21/2009	88		18	0
8/22/2009	86		13	0
8/23/2009	95		10	0
8/24/2009	116		12	0
8/25/2009	113		6	4
8/26/2009	112		15	0
8/27/2009	84		13	0
8/28/2009	83		12	0
8/29/2009	83		12	0
8/30/2009	108		10	0
	100		12	0

Total

343

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 WICHITA, KS

W2560
 Moore 1-16
 West St. Francis
 R4

September-09
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DATE	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
9/1/2009	96		12	0
9/2/2009	80		12	0
9/3/2009	80		12	0
9/4/2009	92		8	6 casing pressure 70
9/5/2009	95		13	0
9/6/2009	93		12	0
9/7/2009	94		12	0
9/8/2009	93		12	0
9/9/2009	80		12	0
9/10/2009	79		12	0 casing pressure 70
9/11/2009	76		12	0
9/12/2009	76		12	0
9/13/2009	83		12	0
9/14/2009	98		12	0
9/15/2009	85		11	0
9/16/2009	79		12	0
9/17/2009	79		12	0
9/18/2009	79		12	0
9/19/2009	95		11	0
9/20/2009	96		11	0
9/21/2009	94		11	0
9/22/2009	80		11	0
9/23/2009	90		12	0
9/24/2009	88		11	0
9/25/2009	103		7	6
9/26/2009	125		8	0
9/27/2009	118		13	0
9/28/2009	110		12	0
9/29/2009	96		12	0
9/30/2009	132		7	8
				0

70

Total

338

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W2560
 Moore 1-16
 West St. Francis
 R4

October-09
 FloBoss

DATE	STATIC	MCF	HRS DOWN	REMARKS (Maximum length 110 characters)
10/1/2009	119		8	0
10/2/2009	106		14	0
10/3/2009	96		12	0
10/4/2009	91		12	1
10/5/2009	101		12	0
10/6/2009	89		11	0
10/7/2009	100		11	0
10/8/2009	111		11	0
10/9/2009	109		11	0
10/10/2009	106		11	0
10/11/2009	105		11	0
10/12/2009	102		11	0
10/13/2009	102		11	0
10/14/2009	99		11	0
10/15/2009	122		11	0
10/16/2009	89		9	0
10/17/2009	88		11	0
10/18/2009	92		11	0
10/19/2009	91		11	0
10/20/2009	93		11	0
10/21/2009	87		11	0
10/22/2009	89		11	0
10/23/2009	90		11	0
10/24/2009	89		11	0
10/25/2009	91		11	0
10/26/2009	88		11	0
10/27/2009	88		11	0
10/28/2009	91		11	0
10/29/2009	98		11	0
10/30/2009	98		11	0
	88		11	0

Total

342

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