Form G-2
(Rev. 7/03)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: *(See Instructions on Reverse Side)*

- [x] Open Flow
- [ ] Deliverabilty

Test Date: 5/22/2006

API No. 15: 023-20664-00~~00~~

Company	Lease	Well Number
Rosewood Resources, Inc.	Hilt	13-33

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Cheyenne	NWSW	33	2S	42W	80

Field	Reservoir	Gas Gathering Connection
Cherry Creek	Niobrara	Branch Systems Inc.

Completion Date	Plug Back Total Depth	Packer Set at
3/30/2006	1777'	

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
4 1/2"	10.5#	4.052	1777.49'	1618'	1646'

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
NONE					

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / (No)
Single (Vertical)	Dry Gas	flowing

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
Annulus			.6

Vertical Depth(H)	Pressure Taps	(Meter Run) (Prover) Size
1646'	Flange	2"

Pressure Buildup: Shut in _____ 20___ at _____ (AM) (PM) Taken _____ 20___ at _____ (AM) (PM)

Well on Line: Started 5-22 20 06 at 7:15 (AM) (PM) Taken 5-23 20 06 at 8:00 (AM) (PM)

OBSERVED SURFACE DATA Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_{tx}) or (P_t) or (P_o) psig	Casing psia	Tubing Wellhead Pressure (P_{tx}) or (P_t) or (P_o) psig	Tubing psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In											
Flow						111	125.65				

SHOULD GO IN THIS SPACE

FLOW STREAM ATTRIBUTES

Plate Coeffiecient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m x h}$	Gravity Factor F_g	Flowing Temperature Factor F_{tt}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m
						9		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$ = _____ : $(P_w)^2$ = _____ : P_d = _____ % $(P_c - 14.4) + 14.4$ = _____ : $(P_a)^2$ = 0.207 $(P_d)^2$ = _____

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$	Backpressure Curve Slope = "n" / 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 25 day of August 20~~06~~

Witness (if any)

For Company

For Commission

Checked by

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Form G-2
(Rev. 7/03)

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 Hilt 13-33 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: 8/25/2006

Signature: Tom W Wolfe

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.

Monthly Gauge Sheet

Well Name: Hilt 13-33

Pumper: _____ Month 5/06

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22			9			283#		First Gas 7:15AM
23	124		9			111		CD 1½ hr
24	108		8			95		
25	103		7			90		
26	90		6			77		
27	90		6			77		
28	89		6			76		
29	85		5			72		
30	81		5			68		
31	80		5			69		
		Totals						

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Monthly Gauge Sheet

Well Name: Hilt 13-33 ✓

Pumper: _____ Month 6/06

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1	75		5			62		
2	75		5			62		
3	72		5			59		
4	75		4			62		
5	81		1			74		CO 2 hrs
6	71		2			58		
7	68		Ø			55		
8	68		2			55		
9	68		1			55		
10	88		661 scf			75		CO 1 hr
11	74		1			61		
12	71		904 scf			58		
13	58		2			45		
14	56		3025cf			43		6-14
15	55		Ø			42		Frac Well
16	56		Ø			43		70 Q N2 100,000#
17	55		Ø			42		CO
18	55		Ø			42		
19	55		Ø			42		55 at well
20	260		Ø			245		well online 12:00 PM
21	270		21			255		@ 27 MCF
22	276		25			260		
23	276		26			269		
24	276		25			263		
25	276		24			263		
26	279		27			266		
27	278		26			263		
28	279		27			260		
29	279		27			262		
30	279		27			260		
31								
		Totals						

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Monthly Gauge Sheet ✓

Well Name: Nilt 13-33

Pumper: _____ Month 7/06

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1	279		25			260		
2	279		25			260		
3	220		26			265		
4	220		25			265		
5	219		21			265		
6	219		21			265		
7	220		22			263		
8	222		23			265		
9	220		22			265		
10	219		21			260		
11	218		21			260		
12	220		21			260		
13	217		21			260		
14	217		20			260		
15	217		20			265		
16	217		20			265		[redacted]
17	214		20			265		opened to 38
18	216		32			263		
19	216		31			263		
20	217		27			265		
21	216		26			263		
22	216		27			265		
23	216		28			265		
24	214		27			255		
25	214		20			255		
26	212		20			260		
27	212		29			215		
28	173		21			215		
29	165		22			150		
30	164		22			190		
31	164		21			145		
		Totals						

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