

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
 Deliverability

Test Date:
3-29-06

API No. 15
023-20638-00-00

Company Rosewood Resources, Inc.		Lease Alvin		Well Number 33-08	
County Cheyenne	Location NESE/4	Section 8	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field St. Francis		Reservoir Niobrara	Gas Gathering Connection Branch Systems Inc.		
Completion Date 1-15-2006		Plug Back Total Depth 1614"	Packer Set at		
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1430'	Perforations 1430'	To 1460'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Vertical)		Type Fluid Production	Pump Unit or Traveling Plunger? flowing		Yes / <input checked="" type="radio"/> No
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g .6	
Vertical Depth(H) 1430'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in _____ 20 _____ at _____ (AM) (PM) Taken _____ 20 _____ at _____ (AM) (PM)					
Well on Line: Started 3-29 20 06 at 2:30 (AM) <input checked="" type="radio"/> (PM) Taken 3-30 20 06 at 2:30 (AM) <input checked="" type="radio"/> (PM)					

OBSERVED SURFACE DATA

Duration of Shut-in _____ 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 _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In											
Flow						25	39.65				0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (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 _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						6		

(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 = _____

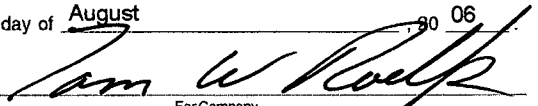
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\left[\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2} \right]$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG $\left[\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2} \right]$	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, 2006

Witness (if any)

For Commission



For Company

Checked by

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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.

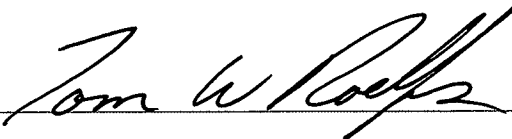
I hereby request a one-year exemption from open flow testing for the Alvin 33-08 gas well on the grounds that said well:

(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: 
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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Monthly Gauge Sheet

Well Name: Alvin 33-08

Pumper: TR5

Month March 2006

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								
23								
24								
25								
26								
27								
28								
29						269		First Gas @ 2:30 PM
30	38		6			24		@ 10 MCFD unit on no wtr
31	33		10			20	5 1/1	On Auto 1 hr/day
Totals								

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Monthly Gauge Sheet

Well Name: Alvin 33-08

Pumper: TRS

Month April 2006

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1	34		10			21	S ¹ / ₂ /15min	Flare check to 15 min/day
2	34		9			21	S ¹ / ₂ /15min	
3	34		9			21	S ¹ / ₂ /15min	
4	35		8			22	off	
5	34		8			21	off	
6	33		8			22	off	
7	35		6			22	off	
8	35		6			22	S ¹ / ₂ /24	Start Unit
9	34		6			21	S ¹ / ₂ /24	
10	34		6			21	S ¹ / ₂ /24	NO WTR
11	34		6			21	off	
12	33		6			20	off	
13	33		6			20	off	
14	33		6			20	off	
15	36		6			23	off	
16	38		6			25	off	
17	44		6			31	off	
18	41		6			28	off	
19	40		6			28	off	
20	40		6			29	off	
21	84		4			71	off	
22	69		5			54	off	
23	64		5			51	off	
24	63		5			50	off	
25	49		6			34	off	
26	49		6			34	off	
27	48		6			35	off	
28	48		6			35	off	
29	48		6			35	off	
30	48		6			35	off	
31								
Totals								

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Monthly Gauge Sheet

Well Name: Alvin 33-08

Pumper: _____

Month 5/06

Day	Static	Diff	MCF	Wtr	TP	CP	SPM Cycle	Remarks
1	47		5	∅		34	1/∅	Tubing not holding pres
2	47		4	∅		34		tag pump
3	40		8	2		27	6/4	15 min a day clock
4	41		5	2		28	6/4	
5	43		7	2		30	6/4	
6	43		7	2		30	6/4	Sped up
7	40		8	2		27 27	6/6	Turned off, pump sticking
8	40		7	∅		27 27	6/∅	
9	46		2105CF	∅		33	6/0	
10	39		14657SCF	∅		26	6/0	shut in at well
11	37		1347SCF	∅		24	6/0	opened
12	38		1477SCF	∅		25	6/∅	
13	38		1283SCF	∅		25	6/∅	
14	37		1418SCF	∅		24	6/∅	CD 3 hrs
15	41		∅	∅		78	6/∅	
16	38		∅	∅		25	6/∅	
17	39		∅	∅		26	6/∅	
18	48		205648CF	∅		35	6/∅	
19	42		1	∅		29	6/∅	
20	44		∅	∅		31	6/∅	
21	43		1477SCF	∅		30	6/∅	
22	44		218SCF	∅		31	6/∅	
23	70		∅	∅		38	6/∅	CD 1 1/2 hr
24	48		6	∅		35	6/0	
25	40		∅	∅		27	6/0	
26	53		∅	∅		40	6/0	
27	38		∅	∅		25	6/0	
28	38		∅	∅		25	6/0	
29	38		∅	∅		25	off	
30	39		1077SCF	∅		26	6/∅	
31	39		∅	∅		26	6/0	
Totals				10				

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