

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow **ASL**
 Deliverability

(See Instructions on Reverse Side)

Test Date:
8/5/2009

API No. 15
023-20632-00 **00**

Company Rosewood Resources, Inc.		Lease Alvin		Well Number 44-08	
County Cheyenne	Location SESE/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 10/22/2005		Plug Back Total Depth 1537'		Packer Set at	
Casing Size 2 7/8"	Weight 6.5#	Internal Diameter 2.441	Set at 1552'	Perforations 1419'	To 1451'
Tubing Size NONE	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single (Conventional)		Type Fluid Production		Pump Unit or Traveling Plunger? Yes / No flowing	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1451'		Pressure Taps Flange		Gas Gravity - G _g .6	
Pressure Buildup: Shut in 8-4 20 09 at 10:20 (AM) (PM) Taken 8-5 20 09 at 10:35 (AM) (PM)		Well on Line: Started 8-5 20 09 at 10:35 (AM) (PM) Taken 8-6 20 09 at 11:20 (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 ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						165	179.4				
Flow						160	174.4			24	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 _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						31		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_a)² = 0.207
(P_a)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 19 day of November, 20 09.

Witness (if any)

For Commission

Tom W. Roelfs

For Company

RECEIVED

Checked by

NOV 30 2009

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.

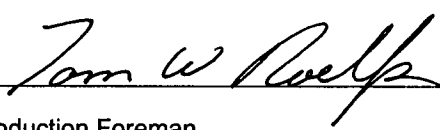
I hereby request a one-year exemption from open flow testing for the Alvin 44-8 gas well on the grounds that said well:

(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.

W2087
 Alvin 44-8
 St. Francis
 St. Francis
 None
 August-09

DATE	Casing			HRS DOWN	REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF		
8/1/2009		129	34	0	
8/2/2009		130	34	0	
8/3/2009		131	34	0	
8/4/2009		131	34	0	
8/5/2009	165	96	34	0	shut in for test
8/6/2009	160	50	7	0	open
8/7/2009		158	32	0	
8/8/2009		130	34	0	
8/9/2009		131	34	0	
8/10/2009		130	34	0	
8/11/2009		129	35	0	
8/12/2009		129	35	0	
8/13/2009		127	34	0	
8/14/2009		129	34	0	
8/15/2009		129	34	0	
8/16/2009		129	34	0	
8/17/2009		162	29	0	
8/18/2009		162	27	0	
8/19/2009		164	27	0	
8/20/2009		135	33	0	
8/21/2009		131	34	0	
8/22/2009		128	33	4	
8/23/2009		160	32	0	
8/24/2009		134	33	0	
8/25/2009	155	156	30	4	
8/26/2009		127	33	0	
8/27/2009		124	32	0	
8/28/2009		127	32	0	
8/29/2009		156	32	0	
8/30/2009		123	31	3	
8/31/2009		123	31	0	

Total

986

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KCC WICHITA

W2087
 Alvin 44-8
 St. Francis
 St. Francis
 None
 September-09

DATE	Casing			HRS		REMARKS (Maximum length 110 characters)
	PSI	STATIC	MCF	DOWN		
9/1/2009	0	122		31	0	
9/2/2009	0	122		31	0	
9/3/2009	0	123		31	0	
9/4/2009	0	143		29	6	
9/5/2009	0	125		32	0	
9/6/2009	0	122		31	0	
9/7/2009	0	122		31	0	
9/8/2009	0	122		31	0	
9/9/2009	0	123		30	0	
9/10/2009	0	120		30	0	
9/11/2009	0	120		30	0	
9/12/2009	0	118		30	1.5	
9/13/2009	0	119		30	0	
9/14/2009	95	115		30	0	
9/15/2009	0	116		30	0	
9/16/2009	0	115		30	0	
9/17/2009	0	115		30	0	
9/18/2009	0	114		30	0	
9/19/2009	0	114		29	0	
9/20/2009	0	113		29	0	
9/21/2009	0	113		29	0	
9/22/2009	0	111		29	0	
9/23/2009	0	111		29	0	
9/24/2009	0	112		29	0	
9/25/2009	0	126		24	6	
9/26/2009	0	151		32	0	
9/27/2009	0	133		30	0	
9/28/2009	0	127		29	0	
9/29/2009	0	115		29	0	
9/30/2009	0	122		22	8	
10/1/2009	0	0		0	0	

Total

887