

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

ASI

(See Instructions on Reverse Side)

Test Date:
7/19/2009

API No. 15
023-20589-0066

Company Rosewood Resources, Inc.		Lease Zimbelman		Well Number 3-24	
County Cheyenne	Location SWNW	Section 24	TWP 3S	RNG (E/W) 41W	Acres Attributed 80
Field Cherry Creek		Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.	
Completion Date 9-10-2004		Plug Back Total Depth 1502'		Packer Set at	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 1507'	Perforations 1292'	To 1330'
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	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 1330'		Pressure Taps Flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 7-18 20 09 at 9:15		(AM) (PM) Taken 7-19 20 09 at 9:30		(AM) (PM)	
Well on Line: Started 7-19 20 09 at 9:30		(AM) (PM) Taken 7-20 20 09 at 10:15		(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 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						55	69.4				
Flow						170	184.4			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
						46		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

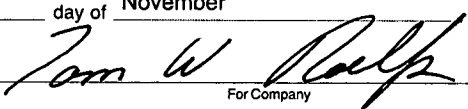
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG []	Antilog	Open 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 18 day of November 20 09.

Witness (if any)

For Commission


For Company

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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.

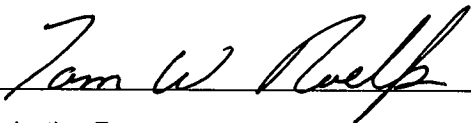
I hereby request a one-year exemption from open flow testing for the Zimbelman 3-24 gas well on the grounds that said well:

(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: 11/18/09

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

W382
 Zimbelman 03-24
 St. Francis
 St. Francis
 None
 July-09

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	HRS CYCLEDOWN	Water BBLs	REMARKS (Maximum length 110 characters)
7/1/2009			72	45	6.5	12	0	24
7/2/2009			72	45	6.5	12	0	23
7/3/2009			74	44	6.5	12	0	22
7/4/2009			74	44	6.5	12	0	23
7/5/2009			75	45	6.5	12	0	24
7/6/2009			73	45	6.5	12	0	23
7/7/2009			75	45	0	0	0	22
7/8/2009			170	41	0	0	6	0
7/9/2009			93	39	0	0	3	0
7/10/2009			74	44	0	0	0	0
7/11/2009			72	45	0	0	0	0
7/12/2009			66	36	6.5	12	0	11 restart p u
7/13/2009			72	45	6.5	12	0	22
7/14/2009			67	40	6.5	12	0	23
7/15/2009			74	40	6.5	12	0	22
7/16/2009			82	42	6.5	12	0	21
7/17/2009			76	42	6.5	12	0	22
7/18/2009			68	43	6.5	12	0	23
7/19/2009		55	72	43	0	0	0	24 shut in for test
7/20/2009		170	51	10	6.5	12	7	0 open
7/21/2009			71	51	6.5	12	0	24
7/22/2009			72	49	6.5	12	0	23
7/23/2009			71	49	6.5	12	0	24 bucket test 3.5
7/24/2009			71	43	6.5	12	0	23
7/25/2009			75	47	6.5	12	0	21
7/26/2009			71	43	6.5	12	0	23
7/27/2009			71	43	6.5	12	4	22
7/28/2009			70	46	6.5	12	0	23
7/29/2009			71	46	6.5	12	0	22
7/30/2009			80	45	6.5	12	0	23
7/31/2009			77	46	6.5	12	0	24 bucket test 3.5

Total

1331

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 KCC WICHITA

W382
 Zimbelman 03-24
 St. Francis
 St. Francis
 None
 August-09

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLs	REMARKS (Maximum length 110 characters)
8/1/2009			75	46	0	0	0	0	
8/2/2009			74	46	0	0	0	0	
8/3/2009			72	46	6.5	12	0	19	
8/4/2009			80	45	6.5	12	0	18	
8/5/2009			97	45	6.5	12	0	17	
8/6/2009			70	45	6.5	12	0	18	
8/7/2009			74	46	6.5	12	0	19	
8/8/2009			72	45	6.5	12	0	18	
8/9/2009			72	45	6.5	12	0	17	
8/10/2009			72	45	6.5	12	0	18	
8/11/2009			74	45	6.5	12	0	19	
8/12/2009			70	18	6.5	12	0	17	
8/13/2009			65	25	6.5	12	0	18	
8/14/2009			69	40	6.5	12	0	17	
8/15/2009			71	42	6.5	12	0	19	
8/16/2009			69	43	6.5	0	0	0	0 pu off
8/17/2009			140	40	0	0	0	0	
8/18/2009			138	38	0	0	0	0	
8/19/2009			139	37	0	0	0	0	
8/20/2009			67	38	6.5	12	0	0	0 started pump
8/21/2009			67	37	6.5	12	0	19	
8/22/2009			67	38	6.5	12	4	18	
8/23/2009			122	41	6.5	12	0	17	
8/24/2009			71	42	6.5	12	0	18	
8/25/2009			104	42	6.5	12	4	19	bucket test 4.5 min greased
8/26/2009			72	47	6.5	12	0	18	
8/27/2009			73	49	6.5	12	0	17	
8/28/2009			73	50	6.5	12	0	18	
8/29/2009			136	52	6.5	12	0	19	
8/30/2009			74	52	6.5	12	3	19	
8/31/2009			74	54	6.5	12	0	18	

Total

1324

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 KCC WICHITA

W382
 Zimbelman 03-24
 St. Francis
 St. Francis
 None
 September-09

DATE	Tubing PSI	Casing PSI	STATIC	MCF	SPM	CYCLE	HRS DOWN	Water BBLs
9/1/2009		0	74	55	6.5	12	0	24
9/2/2009		0	74	56	6.5	12	0	23
9/3/2009		0	77	55	6.5	12	0	22
9/4/2009		0	106	52	6.5	12	0	22
9/5/2009		0	78	56	6.5	12	0	23
9/6/2009		0	76	57	6.5	12	0	24
9/7/2009		0	76	57	6.5	12	0	23
9/8/2009		0	76	57	0	0	0	22
9/9/2009		0	76	49	0	0	0	0
9/10/2009		0	72	46	0	0	0	0
9/11/2009		0	70	44	0	0	0	0
9/12/2009		0	68	43	0	0	6	0
9/13/2009		0	75	42	0	0	1.5	0
9/14/2009		0	67	40	0	0	0	0
9/15/2009		0	68	39	0	0	0	0
9/16/2009		0	66	38	0	0	0	0
9/17/2009		0	65	37	0	0	0	0
9/18/2009		0	64	36	0	0	0	0
9/19/2009		0	63	35	0	0	0	0
9/20/2009		0	63	35	0	0	0	0
9/21/2009		0	64	34	0	0	0	0
9/22/2009		0	62	33	0	0	0	0
9/23/2009		0	62	33	0	0	0	0
9/24/2009		0	61	33	0	0	0	0
9/25/2009		0	91	27	0	0	6	0
9/26/2009		0	116	38	0	0	0	0
9/27/2009		0	98	33	0	0	0	0
9/28/2009		0	90	32	0	0	0	0
9/29/2009		0	68	32	0	0	0	0
9/30/2009		0	88	26	0	0	8	0
10/1/2009		0	0	0	0	0	0	0

Total

1250

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