

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
- Deliverability

24hr SI

Test Date: 9-27-04

API No. 15 - 181-20348-0000

Company Rosewood Resources		Lease Mitchek		Well Number 1-10	
County Sherman	Location SE-SE	Section 10	TWP 7S	RNG (E/W) 39W	Acres Attributed 80
Field Goodland		Reservoir Niobrara		Gas Gathering Connection B.S.I.	
Completion Date 7-22-04		Plug Back Total Depth 1150		Packer Set at	
Casing Size 4.5	Weight 10.5#	Internal Diameter 4.052"	Set at 1157	Perforations 939	To 969
Tubing Size None	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) SINGLE (vertical)		Type Fluid Production dry GAS		Pump Unit or Traveling Plunger? Yes / (No) Flowing	
Producing Thru (Annulus) Tubing Annulus		% Carbon Dioxide Ø		% Nitrogen Ø	
Vertical Depth(H) 1162 969		Pressure Taps		Gas Gravity - G _g 0.64	
				(Meter Run) (Prover) Size	
Pressure Buildup: Shut in 7-24 2004 at 7 (AM) (PM) Taken 9-27 2004 at 7 (AM) (PM)					
Well on Line: Started 9-27 2004 at 7 (AM) (PM) Taken 9-29 2004 at 7 (AM) (PM)					

OBSERVED SURFACE DATA

Duration of Shut-in _____ 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 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						65	79.4				
Flow						46	60.4			24	

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
						20		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_a)² = 0.207 : (P₀)² = _____

(P _c) ² - (P _a) ² or (P _c) ² - (P ₀) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P ₀ ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2}$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG $\left[\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]$	Open Flow Antilog RECEIVED Equals R x Antilog (Mcfd) JAN 24 2005 KCC WICHITA

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 14 day of January, 2005.

Witness (if any)

For Company

For Commission

Checked by

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 ~~State~~ Resources 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 Mitchek 1-10 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: 1/14/05

Signature: *Dennis Lamb*
Title: *Reser Eng.*

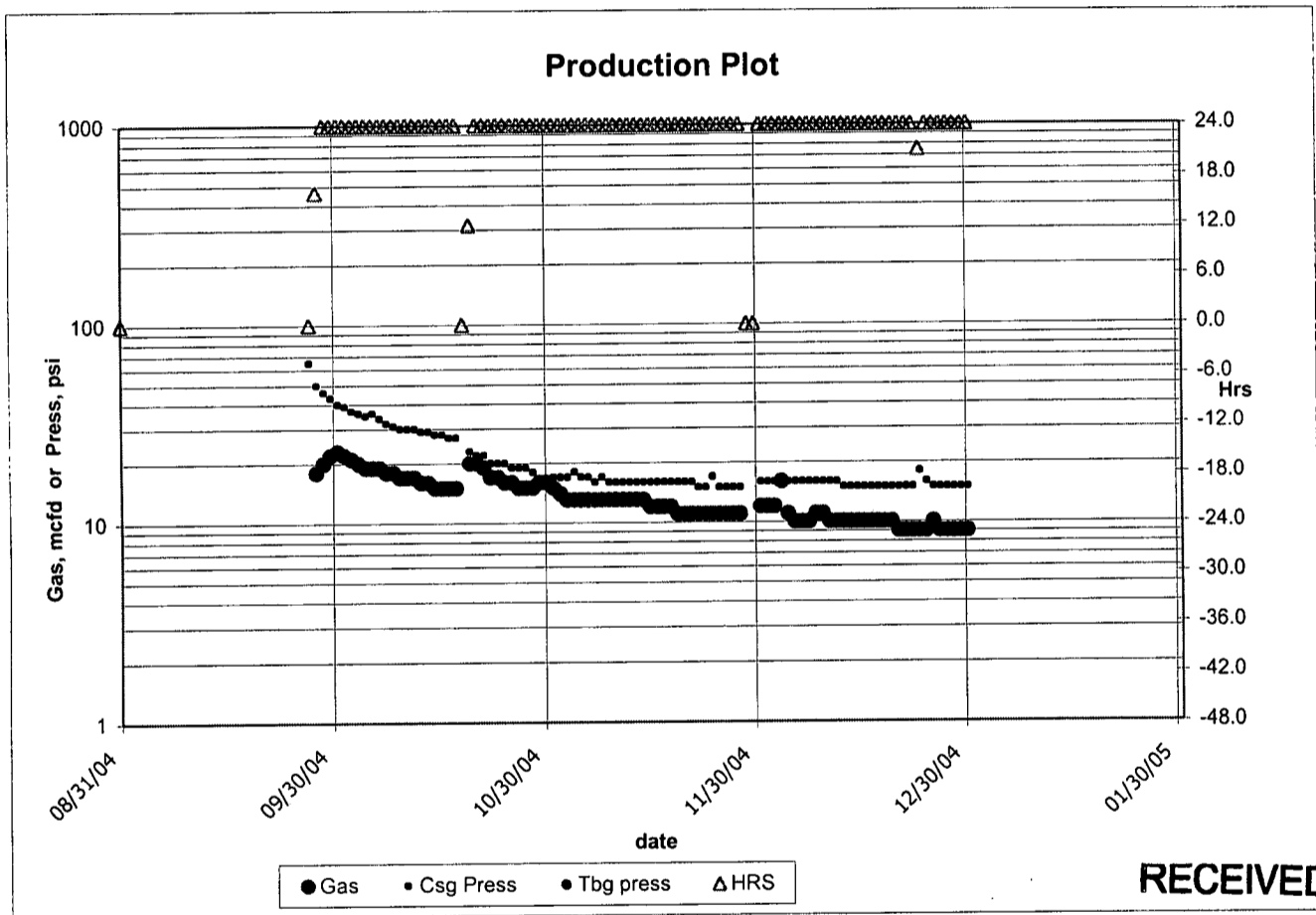
Instructions: If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

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.

Actual
MITCHEK 01-10

	<u>Gas</u>	<u>Csg Press</u>	<u>Tbg Press</u>	<u>Line Press</u>	<u>Hrs</u>	<u>Remarks</u>
2004/01						
2004/02						
2004/03						
2004/04						
2004/05						
2004/06						
2004/07	null	null	null	null	null	Drl & Comp
2004/08	null	null	null	null	null	WOPL
2004/09	60	51.0	null	null	21.3	First Sales 9/27
2004/10	524	27.1	null	null	23.6	
2004/11	343	16.1	null	null	24.0	
2004/12	315	15.5	null	null	23.9	
TOTAL	1242	27.4			23.2	



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Actual MITCHEK 01-10					
Gas	Csg Press	Tbg Press	Line Press	Hrs	Remarks
07/01/2004	null	null	null	null	
07/02/2004	null	null	null	null	
07/03/2004	null	null	null	null	
07/04/2004	null	null	null	null	
07/05/2004	null	null	null	null	
07/06/2004	null	null	null	null	
07/07/2004	null	null	null	null	SPUD. Surf Csg @ 316' WOC
07/08/2004	null	null	null	null	TD 1162, Prd Csg 4.5", 10.5# @ 1157 WOC
07/09/2004	null	null	null	null	WOCU
07/10/2004	null	null	null	null	WOCU
07/11/2004	null	null	null	null	WOCU
07/12/2004	null	null	null	null	WOCU
07/13/2004	null	null	null	null	WOCU
07/14/2004	null	null	null	null	WOCU
07/15/2004	null	null	null	null	WOCU
07/16/2004	null	null	null	null	WOCU
07/17/2004	null	null	null	null	WOCU
07/18/2004	null	null	null	null	WOCU
07/19/2004	null	null	null	null	WOCU
07/20/2004	null	null	null	null	WOCU
07/21/2004	null	null	null	null	PERF 939-969 P87D 1150
07/22/2004	null	125.0	null	null	N2FRAC 70Q 50k#, SICP 2hr & 18/64 Chk
07/23/2004	null	32.0	null	null	FCP 18/64 Chk to Pit, No Fluid
07/24/2004	null	21.0	null	null	FCP 18/64 Chk to Pit, DryG & SI
07/25/2004	null	null	null	null	null SI 12hrs & WOPL
07/26/2004	null	null	null	null	null SI 36hrs & WOPL
07/27/2004	null	65.0	null	null	24.0 SI 60hrs & WOPL
07/28/2004	null	null	null	null	null SI 84hrs & WOPL
07/29/2004	null	null	null	null	null SI 108hrs & WOPL
07/30/2004	null	null	null	null	null SI 132hrs & WOPL
07/31/2004	null	null	null	null	null SI 156hrs & WOPL
08/31/2004	null	null	null	null	null SI 900hrs & WOPL
09/27/2004	0	65.0	null	null	0.0 SI 1548hrs. G-2 taken. Put on line
09/28/2004	18	50.0	null	null	16.0
09/29/2004	20	46.0	null	null	24.0
09/30/2004	22	43.0	null	null	24.0
10/01/2004	23	40.0	null	null	24.0
10/02/2004	22	39.0	null	null	24.0
10/03/2004	21	37.0	null	null	24.0
10/04/2004	20	36.0	null	null	24.0
10/05/2004	19	35.0	null	null	24.0
10/06/2004	19	36.0	null	null	24.0
10/07/2004	19	34.0	null	null	24.0
10/08/2004	18	32.0	null	null	24.0
10/09/2004	18	31.0	null	null	24.0
10/10/2004	17	30.0	null	null	24.0
10/11/2004	17	30.0	null	null	24.0
10/12/2004	17	30.0	null	null	24.0
10/13/2004	16	29.0	null	null	24.0
10/14/2004	16	29.0	null	null	24.0
10/15/2004	15	28.0	null	null	24.0
10/16/2004	15	28.0	null	null	24.0
10/17/2004	15	27.0	null	null	24.0
10/18/2004	15	27.0	null	null	24.0
10/19/2004	0	null	null	null	0.0 SI
10/20/2004	20	23.0	null	null	12.0
10/21/2004	20	22.0	null	null	24.0
10/22/2004	19	22.0	null	null	24.0
10/23/2004	17	20.0	null	null	24.0
10/24/2004	17	20.0	null	null	24.0
10/25/2004	16	20.0	null	null	24.0
10/26/2004	16	19.0	null	null	24.0
10/27/2004	15	19.0	null	null	24.0
10/28/2004	15	19.0	null	null	24.0
10/29/2004	15	18.0	null	null	24.0
10/30/2004	16	16.0	null	null	24.0
10/31/2004	16	16.0	null	null	24.0

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Actual MITCHEK 01-10					
Gas	Csg Press	Tbg Press	Line Press	Hrs	Remarks
11/01/2004	15	17.0	null	null	24.0
11/02/2004	14	17.0	null	null	24.0
11/03/2004	13	17.0	null	null	24.0
11/04/2004	13	18.0	null	null	24.0
11/05/2004	13	17.0	null	null	24.0
11/06/2004	13	17.0	null	null	24.0
11/07/2004	13	16.0	null	null	24.0
11/08/2004	13	17.0	null	null	24.0
11/09/2004	13	16.0	null	null	24.0
11/10/2004	13	16.0	null	null	24.0
11/11/2004	13	16.0	null	null	24.0
11/12/2004	13	16.0	null	null	24.0
11/13/2004	13	16.0	null	null	24.0
11/14/2004	13	16.0	null	null	24.0
11/15/2004	12	16.0	null	null	24.0
11/16/2004	12	16.0	null	null	24.0
11/17/2004	12	16.0	null	null	24.0
11/18/2004	12	16.0	null	null	24.0
11/19/2004	11	16.0	null	null	24.0
11/20/2004	11	16.0	null	null	24.0
11/21/2004	11	16.0	null	null	24.0
11/22/2004	11	15.0	null	null	24.0
11/23/2004	11	15.0	null	null	24.0
11/24/2004	11	17.0	null	null	24.0
11/25/2004	11	15.0	null	null	24.0
11/26/2004	11	15.0	null	null	24.0
11/27/2004	11	15.0	null	null	24.0
11/28/2004	11	15.0	null	null	24.0
11/29/2004	null	null	null	null	null SI
11/30/2004	null	null	null	null	null SI
12/01/2004	12	16.0	null	null	24.0
12/02/2004	12	16.0	null	null	24.0
12/03/2004	12	16.0	null	null	24.0
12/04/2004	16	16.0	null	null	24.0
12/05/2004	11	16.0	null	null	24.0
12/06/2004	10	16.0	null	null	24.0
12/07/2004	10	16.0	null	null	24.0
12/08/2004	10	16.0	null	null	24.0
12/09/2004	11	16.0	null	null	24.0
12/10/2004	11	16.0	null	null	24.0
12/11/2004	10	16.0	null	null	24.0
12/12/2004	10	16.0	null	null	24.0
12/13/2004	10	15.0	null	null	24.0
12/14/2004	10	15.0	null	null	24.0
12/15/2004	10	15.0	null	null	24.0
12/16/2004	10	15.0	null	null	24.0
12/17/2004	10	15.0	null	null	24.0
12/18/2004	10	15.0	null	null	24.0
12/19/2004	10	15.0	null	null	24.0
12/20/2004	10	15.0	null	null	24.0
12/21/2004	9	15.0	null	null	24.0
12/22/2004	9	15.0	null	null	24.0
12/23/2004	9	15.0	null	null	24.0
12/24/2004	9	18.0	null	null	21.0
12/25/2004	9	16.0	null	null	24.0
12/26/2004	10	15.0	null	null	24.0
12/27/2004	9	15.0	null	null	24.0
12/28/2004	9	15.0	null	null	24.0
12/29/2004	9	15.0	null	null	24.0
12/30/2004	9	15.0	null	null	24.0
12/31/2004	9	15.0	null	null	24.0
2004	1242	27.4	null	null	23.2