KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:		MSI			(See Instru	ctions on R	everse Sid	e)				
	en Flow iverabilty			Test Dat				AF	PI No. 15 1-20488-01	.00		
Company				2/4/200	19	Lease	•	18	1-∠U466-U1		Well Number	
Rosewood Resources, Inc. County Location			Section				Crouch TWP RNG (E/W)			21-02H Acres Attributed		
Sherman		NENV	V	2	·-	7\$		39W	the deep Con-		80	
Field Goodland			Reservo Niobrar			Gas Gathering Con Branch Systems I						
Completion Date 2/28/2007			Plug Bar 2846'	Plug Back Total Dep 2846'		th Packer Set at		Set at				
Casing Siz	Casing Size Weight 4 1/2" 11.6			Internal 4.000	Internal Diameter 4.000		Set at 2846 '		orations 79'	то 2794'		
Tubing Siz	ze .	Weig	ght	Internal	Diameter		Set at		orations	То		
NONE Type Com Single (H				Type Flu Dry G	id Production	on		Pump U	Init or Travelin	g Plunger? Yes	No	
Producing		nnulus / Tubi	ng)		Carbon Diox	kide	·	% Nitro			iravity - G _g	
Annulus Vertical De	epth(H)				Pressure Taps					.6 (Meter	Run) (Prover) Siz	
2859'	• • •				Flange					2"		
Pressure E	Buildup:	Shut in 2-		_ 20 <u>_09</u> _at9		_ (AM) (PM)	Taken 2	-4		09 at 9:25	(РМ	
Well on Lir	ne:	Started 2-	4	_20_09_at_9	:25	_ (AM)(PM)	Taken 2	-5	20	09 _{at} 10:10	(АМ))РМ	
					OBSERV	ED SURFAC	E DATA	,		Duration of Shu	72 Ho	
Static / Dynamic Property	Dynamic Size Prover Pressure in		Temperature t t		(P _w) or (P _t) or (P _c)		Weith	Tubing ead Pressure or (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In		1-19 (1-11)	,	20		psig 10	psia 24.4	psig	psia			
Flow						15	29.4			72	0	
					FLOW ST	REAM ATT	RIBUTES	l			_1	
Plate Coeffiecie (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia Prover Pressure		n Fac	Gravity Factor F _g		Fa	riation actor py	Metered Flor R (Mcfd)	w GOR (Cubic F Barrel	eet/ Fluid	
									14			
				(OPEN FL	OW) (DELI\	VERABILITY	() CALCUL	ATIONS		(P _a) ² = 0.207	
(P _c) ² =	:	(P _w) ²	Choose formula 1	P _d =			P _c - 14.4) +		<u> </u>	(P _d)2 =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c)² - (P _w)²	1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² -	D2_p2 LOG of formula 1. or 2. and divide p2_p2		Backpressure Curve Slope = "n" Assigned Standard Slope		l n x	LOG	Antilog	Open Flow Deliverability Equals R x Antil (Mcfd)	
Open Flow			Mcfd @	14.65 psia		Deliveral	bility			Mcfd @ 14.65 ps	ia	
				he Company, s					he above repo lovember	ort and that he ha	as knowledge of	
						-		Jon	n W	Welf	PIEC MANSAS CORPOR	
		Witness	(if any)						For	Company		
		For Com	mission			•			Che	cked by	NOA 3	

exempt status und and that the forest correct to the best of equipment insta I hereby requ	der Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. going pressure information and statements contained on this application form are true and the office of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. The est a one-year exemption from open flow testing for the Crouch 21-02H rounds that said well:
_	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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 11/16/09	
	Signature:

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 some process of the year for which it's intended to acquire exempt status for the subject well. The MANNESS Signed and dated on the front side as though it was a verified report of annual test results.

NOV 3 0 2009

W2420 Crouch 21-02H North Goodland Goodland None February-09

	Casing			H	RS	REMARKS
DATE	PSI	STATIC	MCF	DO	OWN	(Maximum length 110 characters)
2/1/2009	1	0 2:	3	7	0	
2/2/2009	1	0 23	3	7	0	
2/3/2009	1	7 30)	4	12	
2/4/2009	1	7 30)	0	24	
2/5/2009	1	7 30)	0	24	
2/6/2009	1	7 30)	0	24	
2/7/2009	1	7 30)	7	10	bp
2/8/2009	1	5 28	3	20	0	
2/9/2009	1	5 28	3	20	0	
2/10/2009	1	5 28	}	16	5	
2/11/2009	1	5 28	}	16	2	
2/12/2009	1	4 27	7	17	0	
2/13/2009	1.	3 26	ó	17	0	
2/14/2009	1.	3 26	ó	17	0	
2/15/2009	1	3 26	ó	17	0	
2/16/2009	1:	3 26	5	17	0	
2/17/2009	1:	3 26	5	17	0	
2/18/2009	13	3 26	<u>,</u>	15	0	bp
2/19/2009	13	3 26	j	15	0	
2/20/2009	1:	3 26	j	15	0	
2/21/2009	1:	3 26	,	15	0	
2/22/2009	1:	3 26	,	15	0	
2/23/2009	1:	3 26	;	15	0	
2/24/2009	13	3 26	,	15	0	
2/25/2009	13	3 26	;	15	0	
2/26/2009	12	2 25	;	14	0	
2/27/2009	13	2 25	;	14	6	
2/28/2009	12	2 25		12	6	
3/1/2009					0	
3/2/2009					0	
3/3/2009					0	

Total 359

RECEIVED KANSAS CORPORATION COMMISSION

NOV 3 0 2009

W2420 Crouch 21-02H North Goodland Goodland None March-09

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
3/1/2009	1	7 30	1	4 0	
3/2/2009	1	6 29	•	7 0	
3/3/2009	1	6 29	9	0	
3/4/2009	1:	5 28	10	0	
3/5/2009	14	4 27	14	4 0	bp
3/6/2009	14	4 27	14	4 0	
3/7/2009	14	4 27	14	1 0	
3/8/2009	14	4 27	14	1 0	
3/9/2009	14	4 27	14	1 0	
3/10/2009	14	4 27	14	1 0	
3/11/2009	14	4 27	14	1 0	
3/12/2009	14	4 27	14	1 0	
3/13/2009	1	1 24	13	3 0	
3/14/2009	1	1 24	13	3 0	
3/15/2009	1	1 24	13	3 0	
3/16/2009	1	1 24	13	3 0	
3/17/2009	1	1 24	13	3 0	
3/18/2009	1	1 24	13	3 0	
3/19/2009	1	l 24	13	3 0	
3/20/2009	1:	l 24	13	0	
3/21/2009	1	l 24	13	0	
3/22/2009	1:	l 24	13	0	
3/23/2009	13	1 24	12	2 0	
3/24/2009	13	1 24	12	2 0	
3/25/2009	13	1 24	13	0	
3/26/2009	1:	l 24	13	0	
3/27/2009	1:	1 24	13	0	
3/28/2009	13	1 24	13	0	
3/29/2009	1:	l 24	13	0	
3/30/2009	13	1 24	12	2 0	
3/31/2009	1:	l 24	12	2 0	

Total 385

RECEIVED KANSAS CORPORATION COMMISSION

NOV 3 0 2009