KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:	~~~			(See Instruc	tions on R	everse Side	9)			
= .	en Flov			Test Date	e:			AP	l No. 15		
De	eliverabi	ty		2/4/200					1-20451-01	·00	
Company Rosewo		sources, Inc.				Lease Bowma	an			21-08	Well Number ┨
County Location Sherman NENW			Section TWP 8 7S				RNG (E	Z/W)	Acres Attributed 80		
Field Goodland		Reservoir Niobrara			Gas Gathering Cor Branch Systems I						
Completion 10/23/20)		Plug Bac 3122'	k Total Dep	th		Packer	Set at		
Casing Size Weight 4 1/2" 10.5#		Internal Diameter 4.000		Set at 3122'		Perforations 3052'		то 3067'			
Tubing S NONE	ize	Weig	ht	Internal Diameter Set at		at	Perforations		То		
Type Con Single (•	(Describe) onal)		Type Flui Dry Ga	id Production	n		Pump U Flowii	nit or Traveling	g Plunger? Yes	/ (10)
Producing	-	(Annulus / Tubir	ng)	% (Carbon Dioxi	ide		% Nitro	gen	Gas Gra .6	avity - G _g
Vertical D	Pepth(H)				Pres Flan	sure Taps ge			· · · · ·	(Meter F 2"	Run) (Prover) Size
Pressure	Buildup	: Shut in 2-3	3	09 at 4	:25	(AM) (PM)	Taken 2-	4	20	09 at 4:40	(AM) (PM)
Well on L	.ine:	Started 2-4	2	0 09 at 4			Taken 2-			09 at 5:25	(AM) (M)
	· · · · · · · · · · · · · · · · · · ·				OBSERVE	D SURFAC	E DATA			Duration of Shut-i	n 72 Hours
Static / Dynamic Property	Orific Size (inche	Meter Prover Press		Flowing Temperature t	Well Head	Ca Wellhead	sing I Pressure P ₁) or (P _c)	Wellhe	Tubing ead Pressure or (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In		psig (Pm)	Inches H ₂ 0			psig 37	51.4	psig	psia		
Flow						38	52.4			72	0
			1		FLOW STR	REAM ATT	RIBUTES				
Plate Coeffiec (F _b) (F Mcfd	ient	Circle ane: Meter or Prover Pressure psia	Press Extension P _m xh	Grav Fac F	tor	Flowing Temperature Factor F ₁₁	Fa	ation ctor	Metered Flow R (Mcfd)	w GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m
		- 1-							27		
(P _c) ² =		· (D \2.	=:	•	OW) (DELIV		() CALCUL P _c - 14.4) +			$(P_a)^2$	= 0.207
		I	Choose formula 1 or 2	P _d =		T	essure Curve	17:7 -		(' 0)	
(P _c) ² - (F or (P _c) ² - (F	i	(P _c) ² - (P _w) ²	 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_w² 	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Sid A	pe = "n" - or ssigned dard Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flor			Mcfd @ 14.	65 pois		Delivera	nility			Mcfd @ 14.65 psi	
							·····				
	_	•	n behalf of the aid report is true			•			ne above repo lovember	ort and that he ha	s knowledge of
		Witness	(if any)				10	m	W	Company	RECEIVED
		For Com	nission						Che	cked by	NOV 3 0 200

exempt	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.					
and tha	t the foregoing pressure information and statements contained on this application form are true and					
	to the best of my knowledge and belief based upon available production summaries and lease records					
	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for theBowman 21-08H					
	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						
	ther 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: <u>1</u>	1/17/09					
	7					
	Signature: Jon W Roeff					

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.

RECEIVED

NOV 3 0 2009

W2283 Bowman 21-08H North Goodland Goodland None February-09

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
2/1/2009	37	7 50	25	0	
2/2/2009	37	7 50	24	0	
2/3/2009	39	52	. 22	12	
2/4/2009	39	52	. 0	24	
2/5/2009	39	52	. 0	24	
2/6/2009	39	52	. 0	24	
2/7/2009	39	52	10	10	bp
2/8/2009	38	51	27	0	
2/9/2009	38	51	26	0	
2/10/2009	38	51	26	5	
2/11/2009	38	51	26	2	
2/12/2009	38	51	26	0	
2/13/2009	38	51	26	0	
2/14/2009	38	51	26	0	
2/15/2009	38	51	26	0	
2/16/2009	38	51	26	0	
2/17/2009	38	51	26	0	
2/18/2009	38	51	27	0	bp
2/19/2009	38	51	27	0	
2/20/2009	38	51	26	0	
2/21/2009	38	51	26	0	
2/22/2009	38	51	26	0	
2/23/2009	38	51	26	0	
2/24/2009	38	51	26	0	
2/25/2009	38	51	26	0	
2/26/2009	38	51	27	0	
2/27/2009	38	51	26	6	
2/28/2009	38	51	25	6	
3/1/2009		•		0	
3/2/2009				0	
3/3/2009				0	

Total 630

W2283 Bowman 21-08H North Goodland Goodland None March-09

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
3/1/2009	38	51	25	0	
3/2/2009	38	51	24	0	
3/3/2009	38	51	22	0	
3/4/2009	38	51	22	0	
3/5/2009	38	51	25	0	bp
3/6/2009	38	51	27	0	
3/7/2009	38	51	27	0	
3/8/2009	38	51	27	0	
3/9/2009	38	51	27	0	
3/10/2009	38	51	27	0	
3/11/2009	38	51	27	0	
3/12/2009	38	51	27	0	
3/13/2009	38	51	27	. 0	
3/14/2009	38	51	26	0	
3/15/2009	38	51	26	0	
3/16/2009	38	51	27	0	
3/17/2009	38	51	27	0	
3/18/2009	38	51	27	0	
3/19/2009	38	51	27	0	
3/20/2009	38	51	27	0	
3/21/2009	38	51	27	0	
3/22/2009	38	51	27	0	
3/23/2009	38	51	26	0	
3/24/2009	37	50	27	0	
3/25/2009	37	50	27	0	
3/26/2009	37	50	27	0	
3/27/2009	37	50	27	0	
3/28/2009	37	50	26	0	
3/29/2009	37	50	27	0	
3/30/2009	37	50	26	0	
3/31/2009	37	50	26	0	

Total 814