KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		_			6	See Instr	ucti	ons on Rev	rerse Side)					
) Op	en Flov	v E	95L													
De	liverabi	ity				Test Date 4/14/11):					I No. 15 1-20487-01 -	00)		
Company		sour	ces, Inc.						Lease Nemech	 iek					Vell Nu	mber
County Shermar		<u> </u>	Loca			Section 23			TWP 7S		RNG (E	/W)	· -		Acres A BO	ttributed
Field Goodlan	 nd					Reservoir Niobrara						thering Conn Systems In		- -	•	
Completic 11/23/20		9	<u>-</u>			Plug Back 3207'	k Total De	epth	1		Packer	Set at				
Casing Size Weight 4 1/2" 10.5#			internal D 4.000	Dlameter		Set at 3207'		Perforations 3121'		то 3136'						
Tubing Si	ize		Weig	ht		Internal D	Diameter		Set a	ıt	Perforations			То		
Type Con Single (Type Flui Dry Ga		tion			Pump U	nit or Traveling	Plunge	r? Yes	(No)	
Producing	•	(Ann	ulus / Tubir	ng)		% C	arbon Di	oxid	le		% Nitro	gen	-	Gas Gr	avity - (3,
Vertical E		1)				•		ress ang	ure Taps				-	(Meter F 2"	Run) (Pi	rover) Size
Pressure	Buildu	 p: \$	Shut in	13	2	0 11 _{at} 9:			(AM)(PM)	Taken 4-	14	20	11 at	9:25		AM)(PM)
Well on L	.ine:	\$	Started 4-1	14	2	0 11 at 9:	:25		(AM)(PM)			20	. 11 at	10:10	(AM)(PM)
							OBSER	VE	SURFACI	E DATA			Duratio	n of Shut-	_{In} 24	Hours
Static / Dynamic	Orific Size	Đ	Circle one: Meter Prover Press		Pressure Differential in	Flowing Temperature			Cas Wellhead (P_) or (P	Pressure	1	Tubing ead Pressure or (P,) or (P,		ration lours)		d Produced Barrela)
Property	(inche	98)	psig (Pm)	Inches H ₂ 0	t	t		psig	psia	psig	psia				
Shut-In Flow				_					6	19.4 20.4	<u> </u>		24		0	
	!					L	FIOWS	TR	EAM ATTR		J				.1	
Plate Coeffiec (F _b) (F Mcfd	ient ,)		Circle one: Meter or ver Pressure psia		Press Extension	Grav Fac	rity	-	Flowing emperature Factor F ₁₁	Dev Fa	riation actor E	Metered Flor R (Mcfd)	w	GOR (Cubic Fe Barrol)		Flowing Fluid Gravity G
				1								12				
	l.			1		•		_	ERABILITY	-			'	, ,	²= 0.2	07
$(P_c)^2 =$	т	<u>:</u>	(P _w) ²		: ose formula 1 or 2	P _d =			1	- 14.4) +			l	(P _a)	² =	<u> </u>
(P _e) ² - (i or (P _e) ² - (i	•	(P	(_e) ² - (P _w) ²	:	1. P _e ² -P _e ² 2. P _e ² -P _e ² led by: P _e ² -P _e ²	LOG of formula 1, or 2, and divide	P.2. P.2	,	Slop	ssure Curve ce ≖ "n" - or signed ard Slope	L	LOG	Aı	ntil og	Dol Equals	oen Flow Iverability I A x Antilog (Mcfd)
-		•		und		-7.			3	pa						
																<u> </u>
Open Flo	w				Mcfd @ 14.	65 psia			Deliverab	ility		<u>-</u>	Mcfd @	14.65 ps	а	
		_	-			Company, s						the above repo December	ort and t	that he ha		eledge of 20 11
		· 	Witness					-	-		7a	unul	00000000	SU	ve	\bigcirc
					- -			_	_						XEC.	EIVED
			For Con	wniask	on							Che	cked by	A	IPR 2	2 4 2012

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	enalty of perjury under the laws of the state of Kansas that I am authorized to request lule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the foregoing correct to the best of r of equipment installati	g pressure information and statements contained on this application form are true and my knowledge and belief based upon available production summaries and lease records on and/or upon type of completion or upon use being made of the gas well herein named. To one-year exemption from open flow testing for the Nemechek 21-23H
gas well on the groun	
is a list of the state of the	a coalbed methane producer cycled on plunger lift due to water a source of natural gas for injection into an oil reservoir undergoing ER on vacuum at the present time; KCC approval Docket No not capable of producing at a daily rate in excess of 250 mcf/D supply to the best of my ability any and all supporting documents deemed by Commission corroborate this claim for exemption from testing.
	Signature: <u>Journall Gellul</u> Title: <u>Production Assistant</u>

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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W2322 Nemechek 21-33H North Goodland Goodland None April-11

	Casing			HRS	s	REMARKS
DATE	PSI	STATIC	MCF	DO	WN	(Maximum length 110 characters)
4/1/2011		6	19	14	0	
4/2/2011		6	19	14	0	
4/3/2011		6	19	14	0	
4/4/2011		6	19	14	0	
4/5/2011		6	19	13	0	
4/6/2011		6	19	13	0	
4/7/2011		6	19	13	0	
4/8/2011		5	18	13	0	
4/9/2011		5	18	13	0	
4/10/2011		6	19	13	0	
4/11/2011		5	18	13	0	
4/12/2011		5	18	13	0	
4/13/2011		4	17	14	0	shut in for test
4/14/2011		4	17	0	24	opened up
4/15/2011		5	18	10	0	
4/16/2011		5	18	12	0	
4/17/2011		6	19	12	0	
4/18/2011		6	19	12	0	
4/19/2011		6	19	12	0	
4/20/2011		6	19	12	0	
4/21/2011		5	18	12	0	
4/22/2011		5	18	12	0	
4/23/2011		6	19	12	0	
4/24/2011		6	19	12	0	
4/25/2011		6	19	12	0	
4/26/2011		6	19	12	0	bp
4/27/2011		6	19	12	0	
4/28/2011		6	19	12	0	
4/29/2011		6	19	12	0	
4/30/2011		5	18	12	0	
5/1/2011		0	0	0	0	

Total 364

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W2322 Nemechek 21-23H North Goodland Goodland None May-11

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters
5/1/2011		6	19	12	0	
5/2/2011		6	19	12	0 s	witched bat with cole 14-14
5/3/2011		6	19	10	0	
5/4/2011		6	19	12	0	
5/5/2011		6	19	12	0	
5/6/2011		6	19	12	0	
5/7/2011		6	19	12	0	
5/8/2011		6	19	12	0	
5/9/2011		7	20	11	0	
5/10/2011		8	21	10	4	
5/11/2011		7	20	12	0	
5/12/2011		6	19	12	0	
5/13/2011		6	19	12	0	
5/14/2011		6	19	12	0	
5/15/2011		6	19	12	0	
5/16/2011		6	19	12	0	
5/17/2011		6	19	12	0	
5/18/2011		6	19	12	0	
5/19/2011		6	19	12	0	
5/20/2011		6	19	12	0	
5/21/2011		6	19	12	0	
5/22/2011		6	19	12	0	
5/23/2011		6	19	12	0	
5/24/2011		6	19	12	0	
5/25/2011		6	19	12	0	
5/26/2011		6	19	12	0	
5/27/2011		6	19	12	0	
5/28/2011		6	19	12	0	
5/29/2011		6	19	12	0	
5/30/2011		6	19	12	0	
5/31/2011		7	20	11	1	

Total 366

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W2322 Nemechek 21-33H North Goodland Goodland None June-11

	Casing]	HRS	REMARKS
DATE	PSI	STATIC	MCF]	DOWN	(Maximum length 110 characters)
6/1/2011		6	19	12	0	
6/2/2011		7	20	11	3.5	
6/3/2011		6	19	12	0	
6/4/2011		6	19	12	0	
6/5/2011		6	19	12	0	
6/6/2011		8	21	10	7	
6/7/2011		8	21	12	0	
6/8/2011		8	21	12	0	
6/9/2011		7	20	12	0	
6/10/2011		7	20	12	0	
6/11/2011		6	19	12	0	
6/12/2011		6	19	12	0	
6/13/2011		6	19	12	0	
6/14/2011		7	20	12	0	
6/15/2011		6	19	12	0	
6/16/2011		6	19	12	0	
6/17/2011		6	19	12	0	
6/18/2011		6	19	12	0	
6/19/2011		6	19	12	0	
6/20/2011		6	19	12	0	
6/21/2011		7	20	12	2	
6/22/2011		7	20	12	2	
6/23/2011		6	19	12	0	
6/24/2011		7	20	12	0	
6/25/2011		7	20	12	0	
6/26/2011		7	20	12	0	
6/27/2011		8	21	12	0	
6/28/2011		7	20	12	0	
6/29/2011		7	20	12	0	
6/30/2011		7	20	12	0	
7/1/2011		0	0	0	0	

Total 357

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