Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				· (See Instruct	ions on Reve	rse Side)			
Op	en Flo	w			T				A DI	No. 45		•
De	liverab	ilty			Test Date 6/18/13): ·				No. 15 -21335-01-0	00	
Company Rock Cr		esoı	urces, LLC				Lease Gardiner				23 #31	Well Number H
County Clark			Locat N/2 SV	1011	Section 23		TWP 34S		RNG (E/ 24W	W) .		Acres Attributed
Field				*	Reservoir Chester					hering Conn nergy Field		
Completion 02/20/06		e	· .		Plug Bac 7201'	k Total Dept	th		Packer S N/A	et at		
Casing S 4 1/2	Casing Size 1 1/2		_	Weight 10.5#		Internal Diameter 4.052		Set at 7244 '		rations B'	то 7150'	
Tubing Size 2 3/8		Weight 4.7#		nt	Internal I 1.995		Diameter Set at 5392'		Perforations		To , .	
Type Cor Single	npletio	n (De				d Production			Pump Ur	nit or Traveling	Plunger? Yes	/ No.
Producing	_		nulus / Tubin	g)		Carbon Dioxi	de .		% Nitrog	en	Gas Gr	avity - G _g
Tubing Vertical E						Pres	sure Taps				(Meter	Run) (Prover) Size
Pressure	Buildu	ıD:	Shut in Jur	ne 17	13 _{at} 6	:00AM	(AM) (PM) 1	aken Ju	ıne 18	20	13 _{at} 6:00A	M (AM) (PM)
Well on L												(AM) (PM)
		•				OBSERVE	D SURFACE	DATA	-		Duration of Shut-	in Hour
Static / Dynamic Property	Orif Siz (inch	e:e	Circle one: Meter Prover Press psig (Pm)	l.	Flowing Temperature t	Well Head Temperature t	(P _w) or (P _t)	ressure or (P _c)	Wellhe	ubing ad Pressure (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In			psig (i iii)	Inches H ₂ 0			7147	psia	120	psia	24	-
Flow										-	-	
				·		FLOW STR	EAM ATTRIE	BUTES	, ,			
Plate Coeffied (F _b) (F	eient p)	Pro	Circle one: Meter or over Pressure psia	Press Extension √ P _m x h	Grav Fac	tor 1	Flowing Femperature Factor F,	` Fa	iation ctor - - pv	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	eet/ Fluid
					(ODEN 5)	OW) (DEL 1)	CDARU ITV	041 0111	ATIONS		· · · · · · · · · · · · · · · · · · ·	
(P _c) ² =		:	(P _w) ² =	= :	P _d =	• •	ERABILITY)	- 14.4) +		:	(P _a)	² = 0.207 ² =
(P _c) ² - (or (P _c) ² - ((F	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		Assi		n x l	LOG .	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
								*	-			
												,
Open Flo	• w			Mcfd @ 14.	.65 psia		Deliverabili	ity			Mcfd @ 14.65 ps	ia
				an behalf of the			4.1		o make the day of $\frac{F}{A}$		ort and that he ha	as knowledge of, 20
4		<u></u>	Witness	(if any)	F	EB 13	ZU14 -		~ V ~ (For	Company	
			For Com	mission		RECE	IVED -			Che	cked by	

· ·	alty of perjury under the laws of the state of		
exempt status under Rul	e K.A.R. 82-3-304 on behalf of the operator _	Rock Creek Resources, LLC	<u> </u>
and that the foregoing p	pressure information and statements conta	ned on this application form	are true and
correct to the best of my	knowledge and belief based upon available	production summaries and	lease records
	and/or upon type of completion or upon use		erein named.
I hereby request a or	ne-year exemption from open flow testing fo	r the Gardiner 23 #3H	
gas well on the grounds	that said well:		
(Check one)			
isac	coalbed methane producer		
is cyc	cled on plunger lift due to water	,	
is a s	source of natural gas for injection into an oil	reservoir undergoing ER	
is on	vacuum at the present time; KCC approval I	Docket No.	
✓ is not	t capable of producing at a daily rate in exc	ess of 250 mcf/D	
_	pply to the best of my ability any and all sup proborate this claim for exemption from test	•	by Commission
			KCC INVO
Date: February 4th, 201		KCC WICH	
			FEB 13 2014
			RECEIVED
	Signature:	a fath	<u> </u>
		see Development	
	Title: VP of Busine	222 Development	

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.