KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			(See Instruct	ions on Re	verse Side	e)					
Open Flo	w		Test Date	٠,			ΔΡΙ	No. 15				
Deliverab	pilty		11/3/20					5-21296-00-	00			
Company Rock Creek R	esources, LLC				Lease Gardine	er			15 #2	Well Nu	mber	
County Clark	Locat C W/2		Section 15		TWP 34S		RNG (E/W) 24W			Acres Attributed		
Field Wildcat			Reservoir Chester				Gas Gathering Connection DCP Midstream, Inc.					
Completion Dat 07/12/05	te		Plug Back Total Depth 5851'			Packer S NONE	Set at					
Casing Size 4 1/2	Weigl 10.5#		Internal Diameter 4.052		Set at 5904'		Perforations 5455'		то 5470'			
Tubing Size 2 3/8	Weig 4.7#	ht	Internal Diameter S 1.995 5				Perfo	rations	То			
Type Completio Single	NAMES OF THE OWNER, AND ADDRESS OF THE OWNER			d Production			Pump Ur Yes	nit or Traveling	g Plunger? Yes	/ No		
Producing Thru	(Annulus / Tubin	g)		arbon Dioxi	de		% Nitrog	jen	Gas G	ravity - (3 ₉	
Tubing Vertical Depth(H				Pres	sure Taps				(Meter	Run) (P	rover) Size	
	No.	vember 3	12 6	:00AM		_ N	ovembe		12 _{at} 6:00A	М		
Pressure Buildu											AM) (PM)	
Well on Line:	Started		aı		(AIVI) (PIVI)	laken		20) at	············	AIVI) (FIVI)	
	1	Pressure		OBSERVE	D SURFAC		T		Duration of Shut	-in	Hours	
Dynamic Siz	amic Size Meter		Flowing Well Head Temperature t		(P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	, , ,	Inches H ₂ 0			psig 168	psia	psig 162	psia	24			
Flow												
				FLOW STR	EAM ATTR	IBUTES					, 	
Plate Coeffiecient (F _b) (F _p) Mctd	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fact F _c		Flowing Temperature Factor F _{ff}		Deviation Metered Flor Factor R F _{gv} (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
			(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	ATIONS		(P.) ² = 0.2	Ĺ 07	
(P _c) ² =	_ : (P _w) ² =	=:	P _d =		% (F	P _e - 14.4) +	- 14.4 = <u> </u>	<u>:</u>)2 =		
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_g)^2$	$(P_{c})^{2} - (P_{w})^{2} = \begin{pmatrix} Choose \ lormula \ t \ or \ 2 \\ 1. \ P_{c}^{2} - P_{a}^{2} \\ 2. \ P_{c}^{2} - P_{d}^{2} \\ divided \ by: \ P_{c}^{2} - P_{w}^{2} \end{pmatrix}$		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
05			<u> </u>				,		N. (1. @ 44.05	<u> </u>		
Open Flow	inned extherity a	Mcfd @ 14.6			Deliverab				Mcfd @ 14.65 ps		ladaa af	
	herein, and that s		, -		•			·	ort and that he h		20 <u>13</u>	
						4	Zu		TIK	CC V	VICHIT	
	Witness	,			-					UL 0	5 2013	
	For Come	mission			,	-		Che	ecked by		EIVED	

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request							
exempt status un	der Rule K.A.R. 82-3-304 on behalf of the operator Rock Creek Resources, LLC							
and that the fore	going pressure information and statements contained on this application form are true and							
correct to the bes	st of my knowledge and belief based upon available production summaries and lease records							
of equipment inst	allation and/or upon type of completion or upon use being made of the gas well herein named.							
l hereby requ	est a one-year exemption from open flow testing for the Gardiner 15 #2							
	rounds that said well:							
(Checi	k anal							
(Checi	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 agre	e to supply to the best of my ability any and all supporting documents deemed by Commission							
staff as necessar	ry to corroborate this claim for exemption from testing.							
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	.013							
Jate: Julie 20, 2								
Jate: Julie 26, 2								
Date: Julie 20, 2								
Date: <u>June 28, 2</u>								
Date: Julie 20, 2	Signature: Lath							
Date: Julie 20, 2	Signature: Lath							
Jate: Julie 20, 2	V I-AL							

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. Trkoc witchita signed and dated on the front side as though it was a verified report of annual test results.

JUL 05 2013