KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			• (See Instruc	tions on Rev	erse Side	;)					
Op	en Flov	,		Test Date	۸۰			ΔΡΙΙ	No. 15	•			
Deliverabilty				12/6/13				API No. 15 025-21293-0000					
Company Rock Creek Resources, LLC						Lease Gardiner	Lease Gardiner			Well Number 36 #1A			
County Location Clark W/2 E/2 NE			Section 36	,	TWP 34S			W)	,	Acres A	ttributed		
Field Wildcat			Reservoir Basal C		,			nering Conn nergy Field					
Completion 06/30/05)	•	Plug Bac 5800'	k Total Dep	oth	Packer Se		et at	-			
Casing Size Weight 4 1/2 10.5#				Internal [4.052	Diameter		Set at 5909'		ations }'	то 5548'			
Tubing S 2 3/8	Tubing Size Weight 2 3/8 4.7#		nt	Internal [1.995	Diameter	Set a 5509			ations	То			
Type Completion (Describe) Single			Type Fluid Production Water				Pump Un Yes	it or Traveling	Plunger? Yes / No				
Producing Thru (Annulus / Tubing) Tubing			% Carbon Dioxide				% Nitrogen		Gas Gr	Gas Gravity - G _g			
Vertical Depth(H)				Pressure Taps						(Meter F	(Meter Run) (Prover) Size		
Pressure	Buildup	o: Shut in De	c 5	0_13 at_6	:00AM	(AM) (PM)	Taken_D	ecembei	6 20	13 _{at} 6:00AM	<u>M</u> (AM) (PM)	
Well on L	_ine:	Started	2	0 at		. (AM) (PM)	Taken		20	at	(AM) (PM)	
					OBSERVE	ED SURFACE	DATA			Duration of Shut-	in	Hours	
Static / Dynamic Property	amic Size Prove		Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)	1 .	Liquid Produced (Barrels)	
Shut-In		pos (* m)	mondo 1120			348	psia	345	psia	24			
Flow													
					FLOW STI	REAM ATTRI	BUTES			· · · · · · · · · · · · · · · · · · ·			
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Gravity Factor F _g		Flowing Temperature Factor F ₁₁	rature Factor		ctor R		et/	Flowing Fluid Gravity G _m	
				(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS		(P.)	² = 0.20		
(P _c) ² =		_: (P _w) ² =	:;	P _d =		% (P	_c - 14.4) +	14.4 =	÷	(P _d)			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		$(P_c)^2 - (P_w)^2$ Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_a^2$ divided by: $P_c^2 - P_w$		LOG of formula 1. or 2. and divide p 2. p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flow Mcfd @ 14.65 psia			65 psia	Deliverability			Mcfd @ 14.65 psia						
		anad authority a		•	totas that I			o maka th				ladge of	
		gned authority, of		e and correc	t. Executed	this the 4tl	<u>h</u>	day of _Fe	•	rt and that he ha		14 .	
\mathbb{A}	W	Witness	More if any l	ł	CC V	VICHIT	A /	Mn	W	Company Company			
—		For Comp			FEB 1	3 2014_				cked by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Rock Creek Resources, LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Gardiner 36 #1A gas well 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 I further 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: February 4th, 2014 KCC WICHIT FEB 13 2014 RECEIVED Title: VP of Business 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.