KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:		ONL	POINT 3	(See Instruct				ENADILII	·		
= .	en Flo liverat				Test Date				AP	I-No. 15 -189	-20858 - 60 00		
Change			rating Inc				Lease Cropt N	Aorroll			1-23	Well Number	
Chesapeake Operating Inc. County Location				Section	Section		Grant Morrell TWP		RNG (E/W)		Acres Attributed		
Stevens NW NW NW				23	23				36W Gas Gathering Connection		· · · · · · · · · · · · · · · · · · ·		
				Reservoir Morrow					thering Conn Field Service				
·				Plug Bac 6323'	Plug Back Total Depth 6323'			Packer Set at					
ž –				Internal [4.950"	Internal Diameter 4.950"		Set at 6600'		Perforations 5960'		то 6004'		
Tubing Size Weight 2.875" 6.5#				Internal [2.441"	Internal Diameter 2.441"		Set at 6254'		Perforations				
					Type Fluid Production			Pump U Pump	nit or Traveling Unit	Plunger? Yes	/ No		
Producing	-	(An	nulus / Tubin	g) _	% C	Carbon Dioxi	de		% Nitro	gen	Gas Gr	avity - G _g	
Vertical D		H)				Pres	sure Taps				(Meter	Run) (Prover) Size	
Pressure	Buildu	ın:	Shut in 06/	27 2	0 13 _{at} 7	:00 AM	(AM) (PM)	Taken 06	6/28	20	13 at 7:00 A	M (AM) (PM)	
Well on L					•					•	at		
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24 Hour	
Static / Dynamic Property	roperty Size (inches)		Circle one: Meter Prover Pressi psig (Pm)		Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (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			poig (t m)	mones H ₂ 0			psig 80	94.4	psig psia 0 14.4		24 hrs		
Flow													
		······································		1	1	FLOW STR	EAM ATTE	RIBUTES				· · · · · · · · · · · · · · · · · · ·	
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fac F	tor	Flowing Temperature Factor F ₁₁		iation ctor pv	Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)	et/ Fluid	
(D.)3		٠	(B.)2		•	OW) (DELIV		•				² = 0.207	
(P _c) ² =		_:	(P _w) ² =	Choose formula 1 or 2.	P _d =		Т-	P _c - 14.4) +		;	(P _d)	2 =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_w² 	1. or 2.		Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow Mcfd @ 14.65			65 psia	5 psia Deliverability			Mcfd @ 14.65 psia						
				•			•			he above repo September	ort and that he ha		
uie iacis s	iaie0 t	nerei	n, and that s	aid report is true	and correc							, ₂₀ <u>13</u>	
			Witness (if any)			CC W		A	For (Company	· · · · · ·	
		-	For Comm	nission	-	·	SEP 1	3 2013		Che	cked by	·	

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						·
		ry under the laws of t			_	uest
exempt status und	der Rule K.A.R. 82-3	3-304 on behalf of the	operator Chesape	eake Operating	g, Inc.	
and that the fore	going pressure info	rmation and stateme	nts contained on t	his application	n form are true	and
correct to the bes	t of my knowledge a	and belief based upor	n available producti	ion summaries	s and lease rec	ords
• •	·	type of completion o		•		ned.
I hereby requ	est a one-year exer	mption from open flow	testing for the Gr	ant Morrell 1-2	23	
as well on the gr	rounds that said we	11:	•			
•						
(Check	cone)					
	is a coalbed meth	ane producer			•	
	is cycled on plung	ger lift due to water				
	is a source of nati	ural gas for injection i	nto an oil reservoir	undergoing E	R	
	is on vacuum at th	ne present time; KCC	approval Docket N	0		
√	is not capable of p	producing at a daily r	ate in excess of 25	0 mcf/D		
I further agre	e to supply to the b	est of my ability any a	and all supporting o	documents de	emed by Comr	nissio
staff as necessar	y to corroborate thi	s claim for exemptior	n from testing.		;	
		•			·	•
Date: 09/09/2013	3				· .	•
Jaic.			•			
		•				
			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \)		
		Signature:\	um (<u> </u>	1 accor	$\overline{}$
			un Dichardean Ac	sociato Boaul	· 	•
		Title: Da	wn Richardson, As	sociale Regul	latory Analyst	

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.

SEP 13 2013