## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

ype Test:					(	See Instruc	ctions on Re	verse Side	<del>)</del> )				
Орє	an Flov	v			Test Date	٠.			ΔĐI	No. 15			
Deliverabilty						8/23/2012			API No. 15 075-20243 - 🗢 - 🗢 🗢				
ompany Chesap	eake	Or	perating, In	ıc.		Lease Cheatum			Well Number 3-11				mber
County Location Hamilton E/2 NE SW					Section 11		TWP 22S			rng (E/W) 42W		Acres Attributed	
Field Bradshaw					Reservoir Chase	Reservoir Chase			Gas Gathering Connection OneOK Energy Services			RECEIVE	
Completion Date 6/9/78				Plug Bac 2730	Plug Back Total Depth 2730				Packer Set at None			P072	
asing Siz	asing Size Weight 5				Internal C	Diameter				erforations To 2694 272		SEP 0 7 20 KCC WICHIT	
ubing Size Weight .375 4.7				Internal E 1.995	Diameter	Set - 265		Perforations		то То			
Type Completion (Describe) Single Gas					Type Flui Water	Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Pump Unit			
Producing Thru (Annulus / Tubing) Annulus					% C	% Carbon Dioxide				% Nitrogen Gas Gravity - G <sub>a</sub> .779			
Vertical Depth(H) Pressure Taps (Meter Run) (Pro- 2783 2										over) Size			
Pressure Buildup: Shut in 8/23 20				0_12_at_7	:00	(AM) (PM)	AM) (PM) Taken 8/24		20	12 at 7:00	(	AM) (PM)	
Vell on Li	ne:	;	Started	2	0 at		_ (AM) (PM)	Taken		20	at	(	AM) (PM)
						OBSERV	ED SURFAC	E DATA			Duration of Shut-	in _ 24	Hours
Static / lynamic roperty	amic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig pala		Tubing Wellhead Pressure (P_ ) or (P <sub>c</sub> ) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	-tn						34	48.4	32	46.4	24	24	
Flow									<u> </u>				
_						FLOW ST	REAM ATTE	RIBUTES					
Plate Coefflecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one:  Meter or  Prover Pressure  psia		Press Extension	Grav Fac F	tor	Flowing Temperature Factor F <sub>11</sub>		viation actor F <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>
			(D.)1				VERABILITY				_	² = 0.2	
(P <sub>c</sub> )² · (P <sub>•</sub> )²		$(P_w)^2 = (P_v)^2 - (P_w)^2$		Choose formula 1 or 2	LOG of formula	LOG of formula		% (P <sub>c</sub> - 14.4) +  Backpressure Curve Stope = "n"		LOG .	(P <sub>d</sub> )	Open Flow Deliverability	
(P <sub>e</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>				2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> -P <sub>d</sub>	and divide p2.p2		Assigned Standard Slope					Equals R x Antilog (Mefd)	
											·		
Open Flow Mcfd @ 14.6				65 psia		Delivera	Deliverability		Mcfd @ 14.65 psia				
				behalf of the							rt and that he ha	s know	_
			Witness (if	eny)						For C	Company		<del></del>
-			For Comm	esion	· — - <del></del>					Chec	ked by		

## SEP 0 7 2012

KCC WICHITA										
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 Chesapeake Operating, Inc.										
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 Cheatum 3-11										
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: 9/6/2012										
Signature: Aletha Dewbre, Regulatory Specialist I										

## 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.