KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruc	tions on Re	verse Side	9)					
□ Ор	en Flow			Tost Date				A DI	No. 15				
Deliverabilty				Test Date: 7/27/2011					API No. 15 075-30006 - ()()()				
Company		Operating, In	ıc.		<u> </u>	Lease St Col	umbans			1-12	Well Nu	mber	
County Location Hamilton SE NE SW			on .	Section 12				RNG (E/	W)	Acres Attributed			
Field N Bradshaw				Reservoir Winfield				Gas Gathering Connection OneOk Energy Services					
Completion Date 12/26/64				Plug Back Total Depth 2760				Packer S					
Casing Size Weight 5.5 14.0				Internal E	Diameter	Set		Perforations		To			
Tubing Si	ubing Size Weight			5.012 Internal Diameter		2772 Set at		2746 Perforations		2746 To			
2.375		4.7		1.995		275	9						
Single (Gas	(Describe)		Type Flui- Water	d Production	ń		Pump Ur Pump	nit or Traveling Unit	-	/ No		
Producing Thru (Annulus / Tubing) Annulus)	% Carbon Dioxide				% Nitrogen		Gas Gravity - G _g .761			
Vertical D 2773	Pepth(H)				Pres	sure Taps				(Meter 4.026		over) Size	
Pressure Bulldup: Shut in 7/27		2	11 at 7	(AM) (PM)	1) (PM) Taken 7/28 20					AM) (PM)			
Well on L	.ine:	Started	20) at		(AM) (PM)	Taken		20	at	(AM) (PM)	
					OBSERVE	D SURFAC	E DATA	_		Duration of Shut	1-in_24	Hours	
Static / Dynamic Property	Orifice Size (inches	Meter Prover Pressur	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead	ressure () or (P _c) psia	Wellhe	Tubing ad Pressure (P ₁) or (P _c) psia	Duration (Hours)	Liqui	Liquid Produced (Barrets)	
Shut-in						28	42.4	55	69.4	24	RECEIVE		
Flow											SEP 2 3 2		
		 -			FLOW STR	REAM ATTR	RIBUTES	· · · · · · · · · · · · · · · · · · ·				1 23 21	
Plate Coefficient (F _b) (F _p) McId		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fact	tor	Flowing Femperature Factor F ₁₁	rature Factor		Metered Flov R (Mcfd)	(Cubic F	GORKCC (Cubic Feet) Gravi		
													
P _e) ² =		: (P _w) ² =_	:	(OPEN FL	OW) (DELIV		') CALCUL P _e - 14.4) +		:) ² = 0.2) ² =	07	
$(P_o)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$		(P _c) ² - (P _w) ² 1. P _c ² - P _c 2. P _c ² - P _c divided by: P _c ² -		LOG of tormula 1. or 2. and divide p2_p2		Backpressure Curve Slope = "n" or Assigned Standard Slope		1		Antilog	Op Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow Mcfd @ 14.6			55 psia Delive			pility			Mcfd @ 14.65 psia				
		ned authority, on	id report is true						eptember	DI-		ledge of 20	
		Witness (If				_	$\overline{}$			Company			
	·	For Commi	ssion			-			Chec	cked by			

	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request							
	under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc regoing pressure information and statements contained on this application form are true and							
	est of my knowledge and belief based upon available production summaries and lease records							
	estallation and/or upon type of completion or upon use being made of the gas well herein named.							
	quest a one-year exemption from open flow testing for the St Columbans 1-12							
	grounds that said well:							
/Oh								
{Uni	is a coalbed methane producer							
Ĺ	is cycled on plunger lift due to water							
Ē	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							
ا further ag	ree to supply to the best of my ability any and all supporting documents deemed by Commissio							
staff as necess	eary to corroborate this claim for exemption from testing.							
Date: 9/21/20	<u>1</u>							
	Signature:							

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.