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

Type Test	:		ONE		(	See Instruct	tions on Re	verse Side	e)			
	en Flo liverab				Test Date 07/04/20					No. 15 5-30006 <b>- 6</b>	2000	
Company					07/04/20	713	Lease		070	)-30000 <b>-6</b>		Well Number
		o Op	perating, I	nc.				umbans			1-12	······································
County Hamilton			Location SE NE SW		Section 12			TWP 22S		W)	•	Acres Attributed
Field Bradshaw				•		Reservoir <b>Winfield</b>				hering Conne Energy Ser		
Completic 12/26/6		е			Plug Bac 2760	k Total Dept	th		Packer S	Set at		
Casing Size 5.5			Weight 14.0		Internal E 5.012	Internal Diameter 5.012		Set at 2772		rations 6	то 2746	
Tubing Size 2.375			Weigh 4.7	nt	Internal Diameter 1.995		Set at <b>2759</b>		Perforations		То	
Type Completion (De Single Gas			escribe)		Type Flui Water	Type Fluid Production Water				nit or Traveling Unit	Plunger? Yes	/ No
Producing	<b>T</b> hru	(Anı	nulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	en		avity - G <sub>g</sub>
Annulus							· .				.761	
Vertical D 2773	epth(F	1)				Pres	sure Taps				(Meter F 4.026	Run) (Prover) Size
Pressure	Buildu										13 at 7:00	
Well on L	ine:		Started		20 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFAC	E DATA		:	Duration of Shut-	in 24 Hours
Static / Dynamic Property	Orifi Siz (inch	е	Circle one: Meter Prover Press psig (Pm)	Pressure Differential ure in Inches H <sub>2</sub> 0	temperature	Well Head Temperature t	Cas Wellhead (P <sub>w</sub> ) or (P	Pressure	Wellhe	Tubing ad Pressure  (P <sub>1</sub> ) or (P <sub>c</sub> )  psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In							47	61.4	28	42.4	24	
Flow												
				•		FLOW STR	REAM ATTR	IBUTES				
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension √ P <sub>m</sub> x h	Extension Fact		or Temperature		Deviation Meter Factor F <sub>pv</sub> (I		v GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G <sub>m</sub>
										· · · · · · · · · · · · · · · · · · ·		
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =	· :	(OPEN FL	, ,	'ERABILITY % (F	) CALCUL		:	(P <sub>a</sub> ):	<sup>2</sup> = 0.207 <sup>2</sup> =
				Choose formula 1 or	2:			ssure Curve			\ a'	Open Flow
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	As	pe = "n" - or signed	n x I	LOG	Antilog	Deliverability Equals R x Antilog
				divided by: P <sub>c</sub> <sup>2</sup> - P	by:		Stand	ard Slope				(Mcfd)
Open Flor				Mcfd @ 14	1 65 nsia		Deliverab	nility .			Mcfd @ 14.65 psi	<u> </u>
			· · · · · · · · · · · · · · · · ·	<del></del>				•				• •
		_	-				-			•	rt and that he ha	s knowledge of
the facts s	iated t	nerei	ιι, aπα that s	aid report is tru	ie and correc	i. Executed	i inis the <u> </u>		uay of		·	, 20
			14fièn a c -	(if any)		VCC .	\\/\CLB	TA		F	`amaanu	
			Witness	iii afiy)		NUC	WICH	IIA		Fort	Company	
			For Comr	nission		SEP	1 3 2013	}		Chec	cked by	

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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 belie	of 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 fr	om open flow testing for the St Columbans 1-12
gas well on the grounds that said well:	
(0)	
(Check one)	
is a coalbed methane prod	
is cycled on plunger lift du	
	for injection into an oil reservoir undergoing ER
-	nt time; KCC approval Docket No
is not capable of producing	ng at a daily rate in excess of 250 mcf/D
I further agree to supply to the best of m	y ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this claim f	or exemption from testing.
Date: 09/09/2013	
Date	
Siç	gnature Jam (caradas
	Title: Dawn Richardson, Associate Regulatory 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.

KCC WICHITA SEP 13 2013

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