## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

type tes					. (	See instruct	iions on He	everse Siae	<del>)</del>	_				
:	pen Fk sliveral				Test Date			•		No. 15	0000			
Company	у		rating, L.L.(	 C.	7 <u>/</u> 7/201	<del>4</del> ,	Lease Harba	ugh H	10-	007-22439			Well Nur	mber
County Location Barber 660 FSL & 2310 F			ion	Section 27		<del>_</del>		RNG (E/	W)			Acres A	ttributed	
Field Aetna				Reservoir Mississ			Gas Ga		thering Connection			KCCIA		
Completion Date 7/29/94					k Total Depi	th	Packer None		Set at			KCC WICH		
Casing Size Weight 5 1/2 14		nt	Internal Diameter 5.012		Set at 4849		Perforations 4658			To 4740 RECE		1015 COV		
Tubing Size 2 3/8		_	Weight 4.7		Internal Diameter 1.995				Perforations		To C/V		EIVED	
Type Completion (Describe) Single GaS				Type Fluid Production Water				Pump Unit or Travelin Pump Unit			g Plunger? Yes / No			
Producin	g Thru	ı (An	nulus / Tubin	g) .		arbon Dioxi	de		% Nitrog		ı	Gas Gra	avity - G	i <sub>o</sub>
Annulu: Vertical I 4699		H)		<del>`</del>		Pres	sure Taps				į	(Meter F	lun) (Pr	over) Size
	Build	up:	Shut in 7/6	2	0_14_at_8	:00	(AM) (PM)	Taken_7/	7	` 20	14 at .8	3:00	(/	
Well on L	_ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(	AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration o	of Shut-i	n_24	Hour
Static / Dynamic Property	nic Size		Circle one: Meter Prover Press	1	Flowing Well Head Temperature		Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_o)$		Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0	:		110	psla 124.4	. O	14.4	24			
Flow			,											
		<del></del>		<u> </u>	<u> </u>	FLOW STR	EAM ATTR	IBUTES		<u> </u>			· ——	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meler or over Pressure psia	Press Extension	Extension Fact		or Temperature		iation ictor <sub>pv</sub>	Metered Flor R (Mcfd)		GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G <sub>m</sub>
	<del>- : .</del>			<u> </u>			<del></del>		<u> </u>					
P <sub>c</sub> )² =	•	_:	(P <sub>w</sub> ) <sup>2</sup> =		(OPEN FLO	OW) (DELIV		') <b>CALCUL</b> P <sub>e</sub> - 14.4) +		. :		(P <sub>a</sub> ) <sup>2</sup> (P <sub>d</sub> ) <sup>2</sup>	e 0.20	)7
$(P_o)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$		(P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LÖĞ of formula 1. or 2. and divide	P <sub>c</sub> - P <sub>w</sub> 2	Backpressure Curve Slope = "n"				Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
						-		_			7			
Open Flo		<u> </u>	<u> </u>	Mcfd @ 14.	65 neia		Deliverat	nility			Mcfd @ 14	1 65 nei	Ĺ	•
·		signe	d authority, o	n behalf of the	<u> </u>	tates that h			o make th	e above repo		-	_	edge of
				aid report is true			_		day of M					15 .
							-			·				
			Witness (							For (	Company			
			For Comm	nission			_			Che	cked by			

I declare under penalty of perjury under the laws of the state of Kansas that I am at	
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operatir	
and that the foregoing pressure information and statements contained on this application	
correct to the best of my knowledge and belief based upon available production summarie	
of equipment installation and/or upon type of completion or upon use being made of the gas	
I hereby request a one-year exemption from open flow testing for the Harbaugh H 1-2	-r
pas well on the grounds that said well:	Ko-
(Check one)	KCC WICH JUN 05 2015 RECEIVED
is a coalbed methane producer	JUN 05 30
is cycled on plunger lift due to water	RECO. 2015
is a source of natural gas for injection into an oil reservoir undergoing !	ER CEIVED
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 do	eemed by Commissio
staff as necessary to corroborate this claim for exemption from testing.	
Date: 5/11/2015	
•	y Y
Signature: Catie Wright	

## 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.