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

Type Test	t:				(	See Instruc	tions on Re	verse Side	<del>)</del> )					
<b>√</b> op	en Flo	w			75-11 B-11					1 1 1				
☐ De	liverat	olity			Test Date 10/11/2					1 No. 15 ·00 <b>7-2295</b> 7 ·	-6000			
Company		Ope	rating, L.L.C				Lease Barbara	1			1-30	Well Nu	mber	
County Barber			Location 1320 FSL & 1980 FWL		Section 30		TWP 34S		RNG (E/W) 15W		Acres Attributed		Attributed	
Field SOUTH AETNA				Reservoi MISSIS				thering Conn K Field Servi						
Completic 2/6/2006		te	-		Plug Bac 5082	k Total Dep	th		Packer : NONE					
Casing S 5.5	ize		Weigh 15.5	t	Internal I 4.950	Diameter	Set at 5129		Perforations 4928		то 5018			
Tubing Si 2.375	ize	•	Weight 4.7		Internal Diameter 1.995		Set at 5059		Perforations		То			
Type Con Single (		n (D	escribe)		Type Flui Water	d Productio	n		Pump U Pump	nit or Traveling Unit	Plunger? Yes	/ No		
Producing Annulus		(Anı	nulus / Tubing	1)	% C	arbon Diox	ide		% Nitrogen		Gas Gravity - G <sub>o</sub> .711		Э,	
Vertical D 6300	epth(F	1)	•			Pres	sure Taps				(Meter I	Rυπ) (P.	rover) Size	
Pressure	Buildu	ıp:	Shut in10/	10 2	20 <u>14</u> at 8	:00	(AM) (PM)	Taken_10	0/11	20	14 at 8:00	(	AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(	AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in_24	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H <sub>2</sub> 0	Flowing Well Head Temperature Temperature		$(P_w)$ or $(P_c)$ or $(P_c)$		Tubing  Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		Duration (Hours)	Lìqui	Liquid Produced (Barrels)	
Shut-In			P=-8 (,	menes rigo			480	psia 494.4	psig 45	59.4	24			
Flow														
						FLOW STF	REAM ATTR	IBUTES		<b></b>	<u> </u>	<del>'</del> -		
Plate Coeffieclent (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Extension Fact		Flowing Temperature Factor F <sub>f1</sub>	Deviation Factor F <sub>pv</sub>		Metered Flor R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravily G <sub>m</sub>	
		-			•		ERABILITY					2 = 0.2	07	
(P <sub>c</sub> ) <sup>2</sup> =	_	_:_	(P <sub>w</sub> )² ≍	Choose formula 1 or 2	P <sub>d</sub> =	<del></del> `		) <sub>c</sub> - 14.4) +		<del></del> :	(P <sub>a</sub> ) <sup>2</sup>	<u>'=-</u> -		
(P <sub>e</sub> ) <sup>2</sup> - (F or (P <sub>e</sub> ) <sup>2</sup> - (F	2 <sup>9</sup> )5	(P	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>o</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>a</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> tivided by: P <sub>o</sub> <sup>2</sup> - P <sub>d</sub>	LOG of formula 1, or 2,	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slop Asi	ssure Curve be = "n" - or signed ard Slope	. n x	LOG	Antilog	Deli Equals	en Flow verability R x Antilog Mcfd)	
-														
Open Flov	 v			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 psi	 a		
			l authorite er	<del>-</del>		*****				•	· · · · · ·			
				id report is true			•		_	_	rt and that he ha		edge of	
<u> </u>			Witness (if	any)		F KANSAS COR	Received PORATION CO	MMISSION	·	ForC	Company			
			For Commi	ssion			N 2 9 20			Chec	cked by			

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ier Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating L.L.C.					
	going pressure information and statements contained on this application form are true and					
_	t of my knowledge and belief based upon available production summaries and lease records					
	allation and/or upon type of completion or upon use being made of the gas well herein named.					
•	est a one-year exemption from open flow testing for the Barbara 1-30					
	ounds that said well:					
gas wen on the gr	ounds 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					
$\checkmark$	is not capable of producing at a daily rate in excess of 250 mcf/D					
_	e to supply to the best of my ability any and all supporting documents deemed by Commission					
staff as necessar	y to corroborate this claim for exemption from testing.					
Date: 5/8/15	<del></del> _					
	1/atil Marmat					
	Received ORPORATION COMMISSION Signature:					
Kansas C	Received ORPORATION COMMISSION 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.