## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:					(	See Inst	ructi	ions on Re	verse Side	)					
$\equiv$	en Flo liverab					est Date 1/6/2015						No. 15 189-10057 -	- 00	900		
Company		Oper	ating, L.L.	 D.					Lease Grape	A				1-2	Well Nu	mber
County Stevens			Locat 3300 FS	ion SL & 1980 FE		Section 2			TWP 34S		RNG (E/W) 36W		Acres		Acres A	ttributed
Field Walken	neye	ŗ			-	teservoi: Morrov						hering Conn Energy Ser		n		
Completic 6/23/64		:e	<u> </u>			lug Bac 6245	k Total D	epti	'n		Packer S	Set at				
Casing Size 4.5			Weigl 11.6		Internal Diameter 4.052			Set a 636		Perforations 6145			то 6201			
Tubing Size 2 3/8			Weigl 4.7		nternal [ 1.995	Diameter	-	Set 6		Perforations			То			
Type Con Gas	pletio	n (De	escribe)			ype Flui Water	d Produc	ction			Pump Ur No	nit or Traveling	Plu	nger? Yes	/ No	
Producing Tubing	Thru	(Anr	nulus / Tubin	g)		% C	arbon D	ioxic	ie		% Nitrog	en		Gas Gr	avity - C	à <sub>g</sub>
Vertical D	epth(h	1)					Р	ress	sure Taps					(Meter F	Run) (Pi	over) Size
Pressure	Buildu	ıp:	Shut in1/5	j	20_1	5 at 8	:00		(AM) (PM)	Taken_1/	6	20	15	at_8:00	(	AM) (PM)
Well on L	ine:		Started		. 20 _	at		_	(AM) (PM)	Taken		20		. at	(	AM) (PM)
		·					OBSE	₹VĔI	D SURFAC	E DATA			Dur	ation of Shut-	in_24	Hours
Dynamic Si.		fice Circle one:  ze Prover Press psig (Pm)			al Ter	Flowing Well Haremperature t		ture $(P_w)$ or $(P_t)$ or $(P_c)$		Pressure	Wellhe	fubling ad Pressure r (P <sub>t</sub> ) or (P <sub>c</sub> )	Pressure			d Produced Barrels)
Shut-In			pos ( m)			-			psig 91	105.4	psig 84	98.4	24	1 .		
Flow																
				,			FLOW:	STR	EAM ATTR	IBUTES						
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h		Gravity Factor F <sub>g</sub>		Flowing Temperature Factor F <sub>it</sub>		Fa	viation actor F <sub>pv</sub>	Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
(P <sub>c</sub> ) <sup>2</sup> =		<u>_:</u> _	(P <sub>w</sub> ) <sup>2</sup> :	=:	Ţ	PEN FL P <sub>d</sub> =		LIVI	ERABILITY	') CALCU '') - 14.4) -		;		(P <sub>a</sub> ) (P <sub>d</sub> )	2 = 0.2 2 =	07 
(P <sub>c</sub> ) <sup>2</sup> - (I or (P <sub>c</sub> ) <sup>2</sup> - (I	P <sub>a</sub> )²	(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1  1. $P_c^2 + P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2$	·	LOG of formula 1. or 2. and divide by:	P.2-P.	2	Sto As	essure Curve pe = "n" - or signed lard Slope	n x	LOG		Antilog	Del Equals	en Flow iverability R x Antilog (Mcfd)
ļ									<u> </u>							
Open Flo	w			Mcfd @	14.65	psia			Deliverat	oility			Mcfo	1 @ 14.65 ps	a	
The	unders	igne	d authority, o	on behalf of t	he Co	mpany, :	states th	at h	e is duly a	uthorized	to make ti	ne above rep	ort a	nd that he ha	s know	ledge of
the facts s	tated t	there	in, and that s	said report is	true ar	d correc		F	this the 3 Received		day of	lovember				<sub>20</sub> <u>15</u> .
			Witness	(if any)		<del></del>		DE	C 0 2 2	015		For	Compa	ıny		
			For Com	mission			CO	NSEI V	RVATION DIV VICHITA, KS	ISION		Che	ecked t	ру		

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, L.L.C. 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 Grape A 1-2  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:
Signature: Sava Evere to
Title: Sara Everett, 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.