Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:				(See Instru	ictions on I	Reve	erse Side)					
√ Op	en Flo	w			Test Date					ΛDI	No. 15				
De	liverat	oilty			8/20/20					15-0)77-00162 -	- 00	OD		
Company		Oper	rating, L.L.C).			Lease Dona		Muir G	U			1-16	Vell Nu	mber
County Location Harper 1650 FSL & 2150 F				Section 16		TWP 31S	•			:/W)			Acres Attributed		
Field Spivey	Grat	os			Reservoir Mississ						nering Conn Exploration			İ	
Completic 1/26/56		te			Plug Bac 4507	k Total De	pth			Packer S None	et at				
Casing Size Weight Internal Diamet 7 20 6.456				Diameter	neter Set at 4517				ations		то 4505				
Tubing Size 2.375			Weigh	t	Internal Di 1.995			et at 411		Perforations			То		
Type Con Single (n (De	escribe)		Type Flui	d Producti	ion			Pump Un Pump	it or Traveling Unit	Plung	ger? Ye s	/ No	-
-	-	(Anr	nulus / Tubin	1)	% C	arbon Dio	xide	-		% Nitroge	∍n	•	Gas Gra	avity - (3,
Annulus Vertical D		11			-		essure Taps					.	(Motor F)\ (D	rover) Size
4457	epui(r	•				LIE	essuie iaps	1					(weter r	iuli) (P	lover) Size
Pressure	Buildu	ıp:	Shut in 8/1	9 2	15 at 8	:00	_ (AM) (PN	vI) 1	aken 8/2	20	20	15	8:00	((AM) (PM)
Well on L	ine:			2	0 at		_ (AM) (PN	۱ (N	aken		20	_	at	((AM) (PM)
						OBSERV	'ED SURFA	CE	DATA			Durat	ion of Shut-l	n_24	Hours
.Static / Dynamic - Property	Orifi Siz (inch	:e	Circle one: Meter Prover Pressu	Pressure Differentiat re in	Flowing Temperature	Well Head Temperatur	1 Wellhe:		ressure	Wellhea	ubing ad Pressure (P,) or (P _c)		Ouration (Hours)		d Produced Barrels)
Shut-In			psig (Pm)	Inches H ₂ 0	;	· · · · ·	psig 80	-	psia 94.4	psig 15	29.4	24		<u> </u>	
Flow		_					1.00	+:		-	25.4	4		-	
1			<u> </u>		<u>.</u>	FLOW ST	REAM AT	TRIE	BUTES						
Plate			Circle one:	Press	Grav		Flowing			-4:	Make and Flor		GOR		Flowing
Coefficcient (F _b) (F _p)		Meter or Prover Pressure		Extension	Fact	tor	Temperature Factor	0	Fac	ation ctor	Metered Flow		(Cubic Fee	et/	Fluid Gravity
Mcfd	p'		psia	√ P _m Xħ	F.	r	F _{tt}		F	pv	(Mcfd)		Barrel)		G _m
							**								
		<u>-</u>	(5.)1		•	• •	IVERABILIT	-				•		= 0.2	07
(P _o) ² =		<u>-</u> :	(P _w) ² =	Choose formula 1 or 2	P _d =		_%		+ 14.4) + ure Curve	14.4 =	 :		(P _d) ²		
(P _c) ² - (F or (P _c) ² - (F		(F	P _e) ² - (P _w) ²	 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_d² 	LOG of formula 1, or 2. and divide by:	P _c ² -P _w ²		Slope o Assig	= "∩" 	nxL	og	,	Antilog	Del Equals	en Flow verability R x Antilog (Mcfd)
				/''c 'w	1				•-	- 					7 - 2
Open Flor	N			Mcfd @ 14.	65 psla		Deliver	abili	ty			Mcfd	@ 14.65 psi	a	
. The u	ınders	ignec	d authority, o	behalf of the	Company, s	states that	he is duly	auti			•	rt and	that he ha	s 'know	ledge of
the facts st	tated t	herei	n, and that sa	uid report is true	e and correc	t. Execute	ed this the	21	(day of O	ctober			:	₂₀ <u>15</u> .
			Witness (i	any)	K	CC A	VICH!T	_			For	Сопралу	,	-	
			ForComm				6 2015	_				cked by			
						REC	CEIVED)			2.10				

3.1									
I declare und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request								
exempt status und	der Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, L.L.C.								
and that the fore	going pressure information and statements contained on this application form are true and								
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records								
of equipment inst	allation and/or upon type of completion or upon use being made of the gas well herein named.								
l hereby requ	est a one-year exemption from open flow testing for the Donald Muir GU 1-16								
gas well on the gr	ounds that said well:								
/Oh1									
(Check	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								
\V	to not dupute of producing at a daily rate in except of 200 months								
I further agre	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.								
÷ ,	· pr :								
Date: 10/21/2015									
Date:									
	·								
	Signature: <u>On a Evere H</u>								
	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.