KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruc	tions on Re	verse Side	r)				
□ Op	en Flov	N			Test Date	.			۸DI	No. 15			
🚺 De	liverabi	lty			11/12/2					189-20458 -	- 0000		
Company		per	ating, L.L.C				Lease Cunnin	gham Uni	t		2 -25	Well Number	
County Stevens			Location C SW	on	Section 25		TWP 34S		RNG (E	(W)		Acres Attribut	
Field N. Hank	e				Reservoi Morrow					hering Conne Field Service	ection es	KCC	
Completi 08/15/19		•			Plug Bac 6,407'	k Total Dep	th		Packer 8 None	Set at		JUN	V/C/
Casing Size 5.5			Weight 15.50		Internal Diameter 4.950		Set at 6,439'		Perforations 6,318'		To 6,388' RECEIVE		2015
Tubing Size 2.375			Weight 4.70		Internal Diamete 1.995		Set at 6,357'		Perforations		То	- CIV	ED
			T ype Flui	Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No Pump Unit						
Producing Annulus	~	(Ann	ulus / Tubing)	% C	Carbon Dioxi	ide		% Nitrog	jen	Gas Gr	avity - G _g	
Vertical E)				Pres	sure Taps			·	(Meter	Run) (Prover)	Size
Pressure	Buildup	o; 8	Shut in	1 2	0 14 at 8	:00	(AM) (PM)	Taken_11	/12	20	14 _{at} 8:00	(AM) (P	 PM)
Well on L	.ine:	8	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (P	'M)
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in	Hours
Static / Dynamic Property	Orific Size (inche	,	Circle one: Meter Prover Pressul psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead	Pressure Prossure Prosia	Wellhe	fubing ad Pressure r (P _t) or (P _c) psia	Duration (Hours)	Liquid Produ (Barrels)	
Shut-In							42	56.4	ı polg	paid			
Flow				<u> </u>							 -		
					1	FLOW STR	EAM ATTR	IBUTES	i				
Plate Coeffied (F _b) (F Mofd	ient		Circle one: Meter or rer Pressure psia	Press Extension	Grav Fact	tor	Flowing Femperature Factor	Fa	ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	I Grav	ild vity
					ı								
(P _c) ² =			(P _w) ² =_		(OPEN FLO	OW) (DELIV) CALCUL P _e - 14.4) +				² = 0.207 ² =	
(P _o) ² - (I	- 1	(P,)²- (P _w)²	thoose formula 1 or 2 1. $P_o^2 - P_s^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide	P _c ² - P _w ²	Backpre Slo As	ssure Curve pe = "n" -or signed ard Slope			Antilog	Open Flov Deliverabili Equals R x Ar (Mcfd)	ity
					1			-	-				-
Open Flor				Mcfd @ 14.			Deliverab	ility			Mcfd @ 14.65 psi	l a	
				behalf of the			=				t and that he ha	-	
_			Witness (if	any)						For Co	ompany		—
			For Commis	sion			-			Checi	ked by		

		e laws of the state of Kansas that I am authalf of the operator _Chesapeake Operating	-					
		d statements contained on this application						
	.	ased upon available production summaries						
		npletion or upon use being made of the gas						
• •		open flow testing for the Cunningham Un						
	rounds that said well:	open new testing for the						
gus wen on the g	ourido mar adia won.		KCCIA					
(Chec	(one)		KCC WICH JUN 05 2015 RECEIVED					
<u> </u>	is a coalbed methane produc	is a coalbed methane producer						
	is cycled on plunger lift due to	s cycled on plunger lift due to water						
	is a source of natural gas for	injection into an oil reservoir undergoing E	R					
	is on vacuum at the present ti	ime; KCC approval Docket No						
√	is not capable of producing a	at a daily rate in excess of 250 mcf/D						
staff as necessa	e to supply to the best of my aby to corroborate this claim for e	bility any and all supporting documents de exemption from testing.	emed by Commissior					
Date: <u>3/18/2015</u>								
	Signa	iture: Kletle Wight						

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.