KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	::		• • • • • • • • • • • • • • • • • • • •		(See Instruct	ions on Re	everse Side)			: •	
Open Flow Deliverabilty				Test Date: 06/21/2013			API No. 15 075-30005 0000						
Chesar		- Or	nerating I	nc			Lease Gould 2	7			1-13	Well Nu	ımber
Chesapeake Operating, Inc. County Location				Section		TWP		RNG (E/W)		, ,1-13	Acres A	Attributed	
Hamilton NE NE SW			13 Reservoir	r	22S		41W Gas Gathering Connec		ection				
Bradshaw Completion Date			Winfiel	d k Total Dept	h	· C		OneOk Energy Service Packer Set at			.		
		ie	•		2735	к тогаг Берг			Packer	sei ai			
Casing Size Weight 4.5 14.0			Internal [Diameter	Set at 2735		Perforations 2714'		To 2714	,			
Tubing Size Weight 2.375 4.7			Internal I	Diameter		Set at Po 2717'		orations	То				
Type Completion (Describe) Single Gas			Type Fluid Production Water				Pump U Pump	nit or Traveling Unit	Plunger? Yes	/ No			
Producing Thru (Annulus / Tubing)			% C	% Carbon Dioxide			% Nitrogen		Gas Gravity - G _g		G _g		
Annulus Vertical Depth(H)				Pressure Taps					(Meter	(Meter Run) (Prover) Siz			
2736'			06/	20	13 7	·00		. 06	6/21	·	2.06	7	
Pressure		•	Snut in			:00					13 at 7:00		(AM) (PM)
Well on L	ine:		Started	20) at		(AM) (PM)	Taken		20	at		(AM) (PM)
			Circle one:	Pressure		OBSERVE			T	Tubina	Duration of Shu	_{t-in} 24	Hours
Static / Dynamic Property	Dynamic Size		Meter Prover Pressi psig (Pm)	Differential	Flowing Temperature t	Well Head Temperature t	Wellhead	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Tubing ead Pressure or (P _t) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)	
Shut-in				2			64	78.4	psig 23	37.4	24		•
Flow													
						FLOW STR	EAM ATTE	RIBUTES					· · · · · · · · · · · · · · · · · · ·
Plate Coefficeient (F _b) (F _p) Mcfd		Prover Pressure		Press Extension P _m xh	Grav Fac	tor T	Flowing Femperature Factor F _{f1}	Fa	riation Metered Flow letor R _{pv} (Mcfd)		GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m
(P _c) ² =		:	(P _w) ² =		(OPEN FL	OW) (DELIV		/) CALCUL P _c - 14.4) +				$()^2 = 0.2$ $()^2 =$	107
(P _c) ² - (I	-	(F	P _c) ² - (P _w) ²	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 _w ²	LOG of formula 1. or 2. and divide		Backpre Slo	essure Curve pe = "n" - or ssigned dard Slope		LOG	Antilog	Op Del Equals	pen Flow iverability S.R.x. Antilog (Mcfd)
								•					
Open Flo	w			Mcfd @ 14.	65 psia		Deliveral	oility			Mcfd @ 14.65 p	sia	
			•	n behalf of the aid report is true			•			ne above repo	t and that he h		ledge of 20 13 .
							C WIC					,	
			Witness (f any)			<u>'</u>			For C	ompany		
			For Comm	nission		SI	EP 13	2013		Chec	ked by		• • • •

			e of Kansas that I am author or Chesapeake Operating,	
	•	•	ntained on this application f	
correct to the bes	st of my knowledge ar	nd belief based upon availa	ble production summaries a	nd lease records
• •	·	type of completion or upon upon upon upon upon upon upon from open flow testing	use being made of the gas wo	ell herein named.
	rounds that said well			· · · · · · · · · · · · · · · · · · ·
(Chec	k one)			
	is a coalbed metha	ne producer		
	is cycled on plunge	er lift due to water		
	is a source of natu	ral gas for injection into an	oil reservoir undergoing ER	
	is on vacuum at the	e present time; KCC approv	al Docket No	·
✓	is not capable of p	roducing at a daily rate in e	excess of 250 mcf/D	
I further agre	e to supply to the be	est of my ability any and all s	supporting documents deen	ned by Commission
staff as necessa	ry to corroborate this	claim for exemption from to	esting.	
Date: 09/09/201	3		e de la companya de l	
Date.				
			•	. '
	•		, .	
		Signature	un Vida	d d Oct
		Signature.	<u> </u>	
		D Dial	hardson, Associate Regulat	ory Analyst
			hardson, Associate Regulat	ory 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.

SEP 13 2013