RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			.*	(See Instruc	tions on Rev	verse Side	e)			
✓ Op	en Flo	w			Test Date		•		A DI	No. 15		
Deliverabilty			10/23/2013				API No. 15 15-033-()21455 – 000 i					
Company		e Or	perating, Ir	ıc.			Lease Merrill T	rust			1-24	Well Number
• .			Location 1650' FN	on Section NL & 990' FEL 24			TWP RNG (E 34S 16W		RNG (E/	W)	V) Acres Attributed	
Field AETNA GAS AREA				Reservoir MISSISSIPPI/OSWEGO				Gas Gathering Connection ONEOK				
Completion Date 7/12/2008			Plug Back Total Depth 4993				Packer Set at NONE					
Casing S 5.5	Casing Size Weight 5.5 15.5			Í	Internal D 4.950	Diameter	Set at 5030		Perforations 4761		To 4862	
Tubing Size 2.375		Weight 4.7	Weight 4.7		Internal Diameter 1.995		Set at 4862		rations	То		
Type Completion (Describe) COMINGLED GAS				Type Fluid Production WATER/OIL			Pump Unit or Traveling Plunger? Yes / No YES-Pump					
Producing	-	(Anı	nulus / Tubing)	% C	arbon Diox	ide		% Nitrog	•	Gas Gi .711	ravity - G _g
Vertical D		H)			***************************************	Pres	sure Taps					Run) (Prover) Size
4812						FLA	NGE				2.067	,
Pressure	Buildu	ıp:	Shut in 10/2	23 2	0_13 at 9:	:00	(AM) (PM)	Taken_10	0/24	20	13 at 9:00	(AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	ED SURFACE	E DATA			Duration of Shut	in 24 Hours
Static / Dynamic Property	amic Size		Circle one: Meter Prover Pressui	1	Temperature Temperat		I Mollhoad Proceuro		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	•		psig (Pm)	Inches H ₂ 0			psig 1446	psia 1460.4	psig 494	psia 508.4	24	
Flow				-			2					
						FLOW ST	REAM ATTR	IBUTES				
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Grav Fact F _g	tor	Temperature Fa		viation Metered Flow actor R F _{pv} (Mcfd)		w GOR (Cubic Fe Barrel)	I Gravity I
					(OPEN EL	OW) (DELIV	/ERABILITY	CALCIII	ATIONS			
(P _c) ² =		_ :_	(P _w) ² =		P ₀ =		•) - 14.4) +			(P _a)	² = 0.207 ² =
(P _c) ² - (F or (P _c) ² - (F	-	(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	P.2 - P.2	Slop Ass	ssure Curve be = "n" or signed ard Slope	nxi	og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flor	w.			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 ps	ia
				behalf of the						e above repo	ort and that he ha	as knowledge of
			Witness (if	any)			_		-	For C	Company	CC WICHI
	` `		For Commis	ssion			-			Chec	cked by	DEC 1 2 2013

	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	atus under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc
	he foregoing pressure information and statements contained on this application form are true and
	the best of my knowledge and belief based upon available production summaries and lease records
	ent installation and/or upon type of completion or upon use being made of the gas well herein named. by request a one-year exemption from open flow testing for the
	n 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 furth	er agree to supply to the best of my ability any and all supporting documents deemed by Commission
taff as ne	ecessary to corroborate this claim for exemption from testing.
ate: 12/	11/2013
	Signature: Jard Day us
	Title: Sarah Rodriguez, 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.

KCC WICHITA

DEC 1 2 2013