KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(See Instruct	ions on Re	verse Side	e)			
	en Flow liverabilt	у		Test Date 3/23/20					No. 15 5-00024 ~ 0	001	
Company	eake	Operating, Ir	nc.	0,20,20	· · .	Lease Light U	Jnit				Well Number
County Location Seward C SE			Section .			TWP RNG (E/ 35S 32W		W)	,	Acres Attributed	
^{Field} Three Star				Reservoir Lansing Kansas City				Gas Gathering Connection DCP Midstream Marketing LP			
Completion Date 9/9/59				Plug Back Total Depth 5000				Packer S	et at		
		Weigh 15.5	t	Internal Diameter 4.950		Set at 6285		Perforations 4530		то 4536	
Tubing Size 2.375		Weigh 4.7	***		Internal Diameter 1.995		Set at 4596		rations	То	
Type Completion (Describe) Gas) Single			Type Fluid Production Water			1		Pump Unit or Traveling Pump Unit		Plunger? Yes	/ No
	Thru (Annulus / Tubinç)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gra	avity - G _g
Vertical D	epth(H)				Press	sure Taps	B4811			(Meter F	Run) (Prover) Size
Pressure	Buildup:	Shut in 3/2	3 20	11 at 7	:00	(AM) (PM)	Taken_3/	24	20	11 at 7:00	(AM) (PM)
Well on L	ine:	Started	20) at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	inHours
Static / Dynamic Property	ynamic Size Prover Press		Differential Temperature T		Well Head Temperature t Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Pressure	Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration L (Hours)	Liquid Produced (Barrels)
Shut-In			2			40	54.4	0	14.4	24	
Flow					51.074.075					•	
	-	Circle one:		1	FLOW STR		IBUTES				
Plate Coeffied (F _b) (F Mcfd	ient	Meter or Prover Pressure psia	Press Extension P _m x h	Grav Fac F	tor	Flowing Femperature Factor F _{tt}	Fa	riation actor = pv	Metered Flov R (Mcfd)	y GOR (Cubic Fe Barrel)	et/ Flowing Fluid Gravity G _m
				(OPEN FI	OW) (DELIV	FRARII ITY	O CAL CIII	ATIONS			
P _c) ² =		: (P _w) ² =	:	P _d =	, ,		P _c - 14.4) +		:	(P _d)	2 = 0.207 2 =
(P _c) ² - (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		Backpri Slo	essure Curve pe = "n" - or ssigned dard Slope	пх	ГЛ	Antilog	Open Flow Defiverability Equals R x Antilog (Mcfd)
			Ornido Dy. 1 c 1 w							·	
			14.7.2 0) 		D-15	hilit.			Mofd @ 14.05	
Open Flo			Mcfd @ 14.6			Delivera				Mcfd @ 14.65 ps	
		ned authority, or						to make the day of		ort and that he ha	s knowledge of, 20 11
			•								RECEIVE
		Witness (i	f any)							Company	SEP 06 2
		For Comm	nission						Che	cked by	+ with

1 dool	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							
correct to	the best of my knowledge and belief based upon available production summaries and lease records							
of equipm	ent installation and/or upon type of completion or upon use being made of the gas well herein named.							
I here	by request a one-year exemption from open flow testing for the Light Unit 1-8							
gas well o	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							
	er agree to supply to the best of my ability any and all supporting documents deemed by Commission ecessary to corroborate this claim for exemption from testing.							
Date: July	y 8, 2011							
	Signature: David Wiist, Production Engineer							

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.

RECEIVED

SEP 06 2011

KCC WICHITA