KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Re	verse Side)					
Op	en Flow				T 0				401	Al- 45	_			
Del	liverabil	ty			Test Date 6/6/201				067	No. 15 '-21435 _	0000)			
Company Chesap		Οp	erating, In	C.			Lease MLP S	tubbs			1-11	Well Nu	mber	
County Grant			N/2 N/2	sw	Section 11		TWP 30S		FING (EA	W)		Acres A	ittributed	
Field Many C	reeks	,		. ,	Reservoir	v/Cheste	Г			nering Conn				
Completic 2/6/99					Plug Bac 5700	k Total Dep	th		Packer S	et at				
Casing Si	ize		Weight		Internal E 4.950	Diameter	Set 6		Perfor	ations	To 5393			
Tubing Si	ze		Weight		Internal E 1.995	Diameter	Set a			ations	To 5604			
	onletion	(De				d Productio					Plunger? Yes	/ No		
Type Completion (Describe) Comminged (Gas + Oil)					Water/		••	Pump Un			raing ranger. 100 r 110			
Producing	Thru	Апг	ulus / Tubing)		% C	arbon Diox	ide		% Nitroge	en	Gas Gr	avity - C	3,	
Annulus							-				79.4	2	\ <u>a</u> .	
Vertical D 5750	epin(H)					Pres	ssure Taps				(Meter I	HUN) (PI	rover) Size	
Pressure	Buildup	: 5	Shut in <u>6/6</u>	2	0 11 at 0	7:00	(AM) (PM)	Taken 6/	7	20	11 at 07:00	(AM) (PM)	
Well on L	ine:			2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	ED SURFAC	E DATA			Duration of Shut-	in 24	Hours	
Static / Dynamic	Orific Size	- 1	Circle one: Meter Prover Pressure	Pressure Differential	Flowing Temperature	Well Head Temperature	Cas Wellhead	Pressure	Wellhea	ubing ad Pressure	Duration	Liquid	d Produced	
Property	(inche	nches) Prover i		Inches H ₂ 0	t	t	(P _w) or (F	(P _w) or (P _t) or (P _c)		(P _t) or (P _c)	(Hours)	(Barrels)		
Shut-In							16	30.4	psig 100	114.4	24			
Flow	•		'											
						FLOW STE	REAM ATTR	IBUTES						
Plate Coeffiect (F _b) (F Mcfd	ient 。)		Circle one: Meter or ver Pressure psia	Press Extension	Grav Fac F	tor	Flowing Temperature Factor F ₁₁	Fa	iation ector	Metered Flor R (Mctd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
									l					
	•				(OPEN FL	OW) (DELIV	/ERABILITY) CALCUL	ATIONS		(P _a)	² = 0.2	07	
(P _e)2 =		<u>.</u> :	(P _w) _s =_	:	P _d =		% (F	° _c - 14.4) +	14.4 =	:	(P _d)			
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_d)^2$		(P	(P _w) ² - (P _w) ²	hoose formula 1 or 2 1. $P_e^2 - P_a^2$ 2. $P_e^2 - P_a^2$ vided by: $P_e^2 - P_a$	LOG of formuta 1, or 2. and divide	P _e ² -P _e ²	Backpressure Curve Slope = "n" or Assigned Standard Slope		n×l	og	Antilog	Deti Equals	Open Flow eliverability als A × Antilog (McId)	
Open Flo			ŀ	Mcfd @ 14	65 peia		Deliverat	nilibro.			Mold @ 14 SS co	<u></u>		
					·						Mcfd @ 14.65 ps		-	
			l authority, on n, and that sai				•		o make th day of	•	ort and that he ha		ledge of 20 11 .	
													U. AFree	
			Witness (if				-						IVED	
			For Commis	Sion						Che	cked by SE	נו אב	6 2011	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc
and that the 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 equipment installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from open flow testing for the MLP Stubbs 1-11
gas well on 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 further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: July 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 0 6 2011