KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:					(•	See Instruct	tions on He	verse Siae	?)					
Ор	en Flov	N				Test Date) :			API I	No. 15				
Deliverabilty						9/1/12									
ompany hesap		Ор	perating, I	nc.				_{Lease} Miller					١	Ne i N	lumber
County Location Hamilton NE			Section 23				RNG (E/W) 41W			Acre		Attributed			
Field Bradshaw					Reservoir Chase	Reservoir Chase			Gas Gathering Connection OneOk Energy Services					RECEI	
completion Date 2/20/1965				Plug Baci 2706	k Total Depl	th	Packer Set		et at				NOV 0 S		
asing Size			Weight 14.0		Internal C 5.012		Diameter Set a			Perforations 2690			то 2690		KCC WIC
	ibing Size		Weight 4.7		Internal Di 1.995		Diameter			Perforations			То		
Type Completion (Describe) Single Gas					Type Fluid Production				Pump Unit or Traveling Plunger? Yes / No Pump Unit						
roducing	Thru	(Ann	nulus / Tubin	g)		% Carbon Dioxide			% Nitrogen			Gas Gravity - G			
innulus ertical D 713		I)					Pres	sure Taps					(Meter F	3un) (I	Prover) Size
Pressure	Buildu	p: {	Shut in	_	20	12 at 7	:00	(AM) (PM)	Taken 9/	2	20	12 a	7:00		(AM) (PM)
Vell on L	ine:		Started		20) at	III IIV. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	(AM) (PM)	Taken		20	8	ıt		(AM) (PM)
							OBSERVE	D SURFAC	E DATA			Durati	on of Shut-	in 24	4 Hours
Static / Dynamic Property	amic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (Pw) or (P1) or (P2) psig psia		Duration (Hours)		Liqu	uid Produced (Barrels)
Shut-In								51	65.4	18	32.4		24		
Flow															
					- 11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 	-	FLOW STE	REAM ATTR	IBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd			Circle one: Meter or Prover Pressure psia		Eutomaina		vity tor	Flowing Temperature Factor F _{tt}	Fa	riation actor F	Metered Flow R (Mcfd)		GOR (Cubic Fee Barrel)		Flowing Fluid Gravily G _e
													<u> </u>		
) ² =		<u>;</u>	(P_)² =		:	(OPEN FL	, ,	'ERABILITY % (F	') CALCUL P _e - 14.4) +		:			2 = 0. 2 =	.207
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_a)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2: 1. P _c ² -P _a ² 2. P _c ² -P _a ² divided by: P _c ² -P _w ²		LOG of formula 1. or 2. and divido		Backpressure Curve Slope = "n" or Assigned Standard Stope		nxi	og	,	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
								<u> </u>	1014			•	- 44.05 ·	<u> </u>	
Open Flo					Mcfd @ 14.0			Deliverat					9 14.65 psi		
		•	d authority, o							day of No	-	ort and	that he ha	s kno	wledge of , 20 12
··			Witness	if an	y)			-	_(A	Ka	Mar	Company	Xu	0	re
			For Com	njssir	on			-			Che	cked by			
			For Comi	mpsil	41						CHE	unde by			

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KCC WICHITA

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to	equest
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 tr	ue and
correct to the best of my knowledge and belief based upon available production summaries and lease r	ecords
of equipment installation and/or upon type of completion or upon use being made of the gas well herein r	named.
I hereby request a one-year exemption from open flow testing for the Miller 1-23	
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 Co	mmission
staff as necessary to corroborate this claim for exemption from testing.	
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Date:	
Signature: Altha Dewon	<u>'</u>
Title: Aletha Dewbre, Regulatory Specialist I	

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.