KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	t: en Flo [.] liverab				(e		tions on Re	everse Side	API	No. 15 23611 <i>~00</i> 1	20		
Company M&M Exploration, Inc.					<u>-</u> .		Lease Z Bar		- 007	23011		Well Nu	ımber
County Barber			Location 1960 FSL 555 FEL		Section 24		TWP 34		RNG (E/W) 15W			Acres Attributed	
Field Aetna G	as Are	—- ea	130010	Reservoir Mississippian			Gas Gathering ONEOK			•	ection	100	
Completio 01/07/20		е			Plug Back Total Dept 5021'								
Casing Size 4.5			Weight 11.6		Internal Diameter 4.0		Set at 5050'		Perforations 4825'		⊺o 4909 '		
Tubing Size 2.375			Weight 4.7		Internal Diameter 1.995		Set at 4860'		Perforations		То		
Type Completion (Describe) Single (Gas)						d Production		Pump Unit or Traveling Pump Unit			Plunger? Yes	/ No	
Producing Annulus	_	(Anı	nulus / Tubing)	% c 0.0564	arbon Diox	ide	% Nitrogen 1.1858		Gas Gravity - G ₉ 0.6466			
Vertical D	epth(F	l)		_		Pres	ssure Taps				(Meter	Run) (P	rover) Size
Pressure	Buildu	p:	Shut in Sep	t 10 2	0_14_at_1	:00	. (AM) (PM)	Taken S	ept 11	20	14 at 1:00		(AM) (PM)
Well on L	.ine:		Started	20	0 at		. (AM) (PM)	Taken		20	at		(AM) (PM)
	I					OBSERV	ED SURFAC	E DATA	ı	•	Duration of Shut	-in	Hours
Static / Dynamic Property	Orifi Siz (inch	e	Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	(P _w) or (P _t) or (P _c)		Wellhe (P _w) or	fubing ad Pressure r (P _L) or (P _C)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	-In		P-10 (1 m)	1			psig 143	157.4	psig	psia			-
Flow													
			Circle one:	_	į	FLOW ST	REAM ATTI	RIBUTES					Flowing
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Meter or Prover Pressure psia Press Extension ✓ P _m x h		Gravity Factor F _g		Flowing Temperature Factor F _{pv} F _{tt} Deviat		ctor R		v GOR (Cubic Feet/ Barre!)		Flowing Fluid Gravity G _m
													_
P。)² ≃			(P)²=	•	•	• •	VERABILIT	Y) CALCU! (P _e - 14.4) +)² = 0.3)² ==	207
$(P_c)^2 - (P_u)^2$ or $(P_c)^2 - (P_d)^2$		$ \begin{array}{c c} : & (P_{w})^{2} = \underline{\hspace{1cm}} : \\ \hline (P_{c})^{2} - (P_{w})^{2} & 1. \ P_{c}^{2} - P_{a}^{2} \\ \hline & 2. \ P_{c}^{2} - P_{d}^{2} \\ & divided by: \ P_{c}^{2} - P_{w}^{2} \end{array} $		LOG of formula 1. or 2. and divide P2. P2		Backpressure Curve Slope = "n" Assigned Standard Slope		n x LOG		Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				-									
Open Flo	en Flow Mcfd @ 14.65 psia					Deliverability				Mcfd @ 14.65 psia			
		igne	d authority, on			states that		-	to make th		ort and that he h		wledge of
		_	•	id report is true			•			•		—	14 eceived
_									me	n h l		SAS CORF	ORATION COM
			Witness (if	any)						For	Company	UCT	• •
			For Commi	ssion						Che	cked by	W W	/ATION DIVIS I CHITA, KS

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 M&M Exploration, 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 Z Bar 24-9												
gas well on the grounds that said well:												
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: October 21, 2014 Signature:												
Title: President												

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 Received December 31 of the year for which it's intended to acquire exempt status for the subject well. WHAROUGHPORASSION signed and dated on the front side as though it was a verified report of annual test results.

OCT 3 1 2014