## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test			•		(	See Instruct	ions on Re	everse Side	<del>)</del>	e e		
	en Flo Iiverab				Test Date	<b>:</b>	*,			No. 15 22882 <i>-06</i>	100	
Company <b>M&amp;M Ex</b>		ion,	inc.				Lease Z Bar				16-7	Well Number
County Location Barber 2000 FNL 1375 FEL			Section TWP 16 34				RNG (E/W) 15W			Acres Attributed 160		
ield Aetna Ga	as Are	ea		,*	Reservoi Mississi				Gas Gat	hering Conn K	ection	
Completion Date 1/23/2006				Plug Bac 5030'	k Total Dept	h		Packer Set at None		***		
Casing Si .5	ing Size Weight 10.5			Internal Diameter 4.052			Set at <b>5030'</b>		rations 2'	то <b>4750'</b>		
ubing Si .375	oing Size Weight 375 4.7			Internal Diameter 1.995		Set at 4781'		Perforations		То		
ype Completion (Describe) ingle (Gas)				Type Fluid Production Saltwater			Pump Unit or Traveling Plunger? Yes / No Pump Unit			/ No		
roducing Thru (Annulus / Tubing) Innulus				% Carbon Dioxide 0.089			% Nitrog		Gas Gr 0.614	avity - G <sub>g</sub>		
ertical D	rtical Depth(H)			Pressure Taps					(Meter	Run) (Prover) Size		
ressure	Buildu	p: ;	Shut in Se	ptember 3 2	0 13 at 1	0:15	(AM) (PM)	Taken_S	eptemb	er 4 20	13 <sub>at</sub> 10:15	(AM) (PM)
ell on Li	ine:	;	Started	2	0 at	-	(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut	in Hours
Static / ynamic roperty		rifice Circle Size Prover F		1 .	Flowing Temperature t	Well Head Temperature t	mperature Wellnead Pressure		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0	-		psig 60	74.4	psig	psia		
Flow					,							
						FLOW STR	EAM ATT	RIBUTES				
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Extension Fac		Tomporaturo		Deviation Metered Flo Factor R F <sub>pv</sub> (Mcfd)		w GOR (Cubic Fe Barrel)	Gravity i
	- 1											
c) <sup>2</sup> =	•	::	(P <sub>w</sub> ) <sup>2</sup> =		(OPEN FL	OW) (DELIVI		<b>') CALCUL</b> P <sub>c</sub> - 14.4) +			(P <sub>a</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =
(P <sub>c</sub> ) <sup>2</sup> - (F	$(P_c)^2 - (P_a)^2$ $(P_c)^2$		<sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2	LOG of formula		Backpressure Curve Slope = "n"			LOG	Antilog	Open Flow Deliverability
$(P_c)^2 - (P_d)^2$				2. $P_c^2 - P_d^2$	and divide		Assigned Standard Slope					Equals R x Antilog (Mcfd)
,										,		
*				· · · · · · · · · · · · · · · · · · ·								
en Flov	<b>v</b> .			Mcfd @ 14.	65 psia	·	Deliveral	oility			Mcfd @ 14.65 ps	a
The u	ındersi	gned	authority, o	n behalf of the	Company, s	states that he	e is duly a				ort and that he ha	s knowledge of
facts st	ated th	nerei	n, and that s	aid report is true	e and correc	t. Executed	this the 9	th	day of _S	eptember	·	7, 20 13 700 \A(10)
				•					Un	e un	th	NCC WELL
			Witness (	if any)						For C	Company	SEP 2 3 201

Checked by

RECEIVED

For Commission

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	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request
	der Rule K.A.R. 82-3-304 on behalf of the operator M&M Exploration, Inc.
and that the fore	going pressure information and statements contained on this application form are true and
correct to the bes	et of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby requ	est a one-year exemption from open flow testing for the Z Bar 16-7
gas well on the g	rounds that said well:
:	
(Check	
	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
$\checkmark$	is not capable of producing at a daily rate in excess of 250 mcf/D
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessar	y to corroborate this claim for exemption from testing.
Date: Septembe	r 9, 2013
	//a A Chit of
	Signature: Mut
	Signature: 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 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.

SEP 23 2013