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

Type Test				OINT O			tructions on Re						
Open Flow Deliverabilty				Test Date:				API No. 15 00723400 <b>– <i>0000</i></b>					
Company M&M Exploration, Inc.					Lease Z Bar							Well Num	ber
County Location Barber 720 FS L 555 FEL				Section 19		TWP 34			RNG (E/W) 14W		Acres Attribu		
Field Aetna Gas Area				Reservoir Mississi			Gas Gathering ONEOK			ection			
Completion Date 07/03/2009				Plug Back 5201'	K Total I	Depth	Packer Set at None		Set at				
Casing Si 1.5	esing Size Weight 5 10.5			Internal Diameter 4.052			Set at 5222'		Perforations 4814'		то 4880'		
Tubing Si 2.375					Internal D 1.995	Diameter		Set at 4911'		Perforations		То	
Type Con Single (		) (De	escribe)		Type Flui Saltwa				Pump Ui Pump	nit or Traveling Unit	g Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) Annulus					% C	arbon E	Pioxide	% Nitrogen 0.7366			Gas Gravity - G <sub>g</sub> 0.6516		
Vertical D	epth(H	)			-	F	Pressure Taps		_		(Meter	Run) (Pro	ver) Size
Pressure	Buildur	o: :	Shut in Sept	11 2	0_14_at_9	:30	(AM) (PM)	) Taken S	ept 12	20	14 at 9:30	(A	.M) (PM)
Well on L	ine:	;	Started	2	0 at		(AM) (PM	) Taken		20	) at	(A	M) (PM)
	1-					OBSE	RVED SURFAC	CE DATA			Duration of Shut	-in	Hours
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	t temperature Tempera		ead Wellhead	asing d Pressure (P <sub>1</sub> ) or (P <sub>c</sub> ) psia	Wellhe	Tubing ead Pressure or (P <sub>1</sub> ) or (P <sub>c</sub> )			Produced arrels)
Shut-In							82	96.4	paig	рэга			
Flow						_							
	1					FLOW	STREAM ATT	RIBUTES			<del></del>	<del></del>	_
Plate Coeffiec (F <sub>b</sub> ) (F Mcfd	ient ,)	Meter or Exte		Press Extension ✓ P <sub>m</sub> xh	Gravity Factor F <sub>g</sub>		Flowing Temperature Factor F <sub>tt</sub>	Fa	viation actor F <sub>pv</sub>	Metered Flo R (Mcfd)	ow GOR (Cubic Fi Barrel	eet/	Flowing Fluid Gravity G <sub>m</sub>
					(OPEN FL	OW) (D	ELIVERABILIT	-		<u></u>		)² = 0.20	7
(P <sub>o</sub> ) <sup>2</sup> =			Ch	oose formula 1 or 2				(P <sub>c</sub> - 14.4) +	"	<u>:</u>	(P <sub>d</sub>	)² =	
(b <sup>c</sup> ) <sub>5</sub> - (l	P <sub>a</sub> ) <sup>2</sup>	2.		<ol> <li>P<sub>c</sub><sup>2</sup> - P<sub>s</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup> - P<sub>d</sub><sup>2</sup></li> <li>rided by: P<sub>c</sub><sup>2</sup> - P<sub>w</sub><sup>2</sup></li> </ol>	- P <sup>2</sup> 1. or 2.		2 SI	Backpressure Curve Slope = "n" or Assigned Standard Slope		LOG	Antilog	Deliv Equals	en Flow Perability R x Antilog Mcfd)
		_											
Onen El-				Moid @ 44	65 pela		Dollars	ahilite			Mcfd @ 14.65 ps	ia.	
Open Flo	_	iane	d authority on	Mcfd @ 14 behalf of the		states #	Delivera		to make t	——————————————————————————————————————	ort and that he h		edge of
		-	in, and that said				-						
		-		•					an	November V W 1	KAT	R	eceived ORATION COM
_			Witness (if a	iny)		•			·		r Company	NOV	1 0 201
_			For Commiss	sion			<del></del>		-	Ch	ecked by	CONSERV	ATION DIVISI CHITA, KS

	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request inder Rule K.A.R. 82-3-304 on behalf of the operator M&M Exploration, Inc.							
and that the for	regoing pressure information and statements contained on this application form are true and east of my knowledge and belief based upon available production summaries and lease records							
	stallation and/or upon type of completion or upon use being made of the gas well herein named.							
	grounds that said well:							
(Che	ck 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							
<u>_</u>	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 ag	ree to supply to the best of my ability any and all supporting documents deemed by Commission							
staff as necess	ary to corroborate this claim for exemption from testing.							
Date: <u>Novemb</u>	er 6, 2014							
	Signature: <u>Onewate</u> Title: <u>President</u>							

## 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 the form of the year for which it's intended to acquire exempt status for the subject well the form of the year for which it's intended to acquire exempt status for the subject well the form of the year for which it's intended to acquire exempt status for the subject well the form of the year for which it's intended to acquire exempt status for the subject well the form of the year for which it's intended to acquire exempt status for the subject well the form of the year for which it's intended to acquire exempt status for the subject well the year for which it's intended to acquire exempt status for the subject well the year for which it's intended to acquire exempt status for the subject well the year for which it's intended to acquire exempt status for the subject well the year for which it's intended to acquire exempt status for the subject well the year for the year for which it's intended to acquire exempt status for the year for year f