RECEIVED

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

Type Test	t: oen Flov	~	J.,		·		ctions on Re	everse Side		No. 45			
De De	eliverab	ilty			Test Date	<b>3</b> :				No. 15 23790 <b>- 000</b>	)Q		
Company M&M Ex		ion.	Inc.				Lease Z Bar				16-4	Well Nu	ımber
County Location Barber 660 FNL 660 FWL				Section 16	<u> </u>	TWP 34			W)	Acres Attributed 160			
Field Aetna Gas Area				Reservoi Mississi				Gas Gathering Conn ONEOK		ection			
Completion Date 01/27/2012					Plug Bac 4900'	k Total De	oth		Packer Set at None				
Casing Size			Weight 10.5		Internal Diameter 4.052		Set at <b>4940'</b>		Perforations 4680'		To 4740'		
Tubing Size 2.375			Weight 4.7		Internal Diameter 1.995		Set at 4754'		Perforations		То		
Type Completion (Describe) Single (Gas)					id Production		Pump Unit or Traveling Pump Unit			Plunger? Yes / No			
Producing Thru (Annulus / Tubing) Annulus					% Carbon Dioxide 0.0276				% Nitrog 2.080		Gas Gravity - G 0.638		
/ertical C	Depth(H	)				Pre	ssure Taps				(Meter	Run) (P	rover) Size
Pressure	Buildu	p: :	Shut in Augu	ust 24 2	13 at 1	0:30	_ (AM) (PM)	Taken_A	ugust 2	5 20	13 <sub>at</sub> 10:30	(	(AM) (PM)
Vell on L	ine:	;	Started	20	) at		_ (AM) (PM)	Taken		20	at		(AM) (PM)
					· ·	OBSERV	ED SURFAC	E DATA			Duration of Shut-	-in	Hour
Static / Dynamic Property	ic Size		Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Tubing  Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	ut-In		·····				430	444.4	pag	poid			
Flow							<u></u>						
			Circle one:		$\overline{}$	FLOW ST	REAM ATTE	RIBUTES					<u> </u>
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Meter or Extens  Prover Pressure psia  Press Extens  Pm		Gravity Factor F <sub>g</sub>		Temperature		viation Metered Flow actor R F <sub>pv</sub> (Mcfd)		GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>
					(OPEN EL	OW (DEL	VED A DIL ITS		ATIONO				<u> </u>
P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =	:	· ·	OW) (DELI	VERABILITY % (	P <sub>c</sub> - 14.4) +		:		) <sup>2</sup> = 0.2 ) <sup>2</sup> =	
	P_)2	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>c</sub> 2. P <sub>c</sub>		1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ 2. $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide P2.P		Backpressure Curve Slope = "n"		n x 106		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
· · · · ·						· · · · · · · · · · · · · · · · · · ·		<del></del>			,		
Dpen Flow Mcfd @ 14.65 psia							Deliverability				Mcfd @ 14.65 psia		
The t	undersi	gned	I authority, on	behalf of the	Company, s	states that	he is duly a				rt and that he ha	as know	ledge of
e facts s	tated th	erei	n, and that said	d report is true	and correc	t. Execute	d this the 9	oth	day of <u>S</u>	eptember  hw	<u> </u>	,	20 13 .
			Witness (if a	ny)					Mnt		отпралу	KCC	WICH
			For Commiss	sion						Chec	ked by	SEP	<del>23 20</del>

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 theZ Bar 16-4
(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.
Signature: Much  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 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.