KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test:				(·	See Instruct	uons on Me	verse 3100	7/					
_ `	en Flow iverabilty	,		Test Date) :			API 007	No. 15 23136 - 🗢	-00			
Company M&M Exploration, Inc.					Lease Z Bar					15-5	Well Nu	umber	
County Location Barber 2200 FNL 660 FWL			Section 15		TWP 34			W)		Acres Attributed 160			
Field Aetna Gas Area			Reservoir Ft. Scot			Gas Gathering ONEOK		hering Connect	lion		RECE		
Completion Date 01/22/2010			Plug Bac 4792'	k Total Dept	th	Packe None		Set at			NOV		
ū		Weight 15.5	Weight I5.5		Internal Diameter 4.950		Set at 5105 '		Perforations 4756'		K	CC Min	
Tubing Size 2.375		Weight 4.7		Internal Diameter 1.995		Set at 4786'		Perforations		То	NOV 0 2 KCC WIC		
ype Com Single (Describe)			d Production ter/Crude			Pump Ur Pump	nit or Traveling P Unit	lunger? Yes	/ No		
Producing Thru (Annulus / Tubing) Annulus			% C 0.063	Carbon Dioxi	ide	% Nitrogen 4.285		Gas Gravity - G _g 0.6654					
ertical D				0.003	Pres	sure Taps		7.200	· · · · · ·			rover) Size	
ressure Vell on L	•				:15				18 ₂₀ 1	2 at		. , . ,	
						D SURFAC				uration of Shu			
Static / Dynamic Property	Orifice Size (inches	Meter Prover Pressu	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Wellhe (P _*) o	Tubing ead Pressure r (P _t) or (P _c)	Duration (Hours)	Liqu	Liquid Produced (Barrels)	
Shut-In		poig (i ii)	monos 11 ₂ 0			psig 52	psia 66.4	psig	psia				
Flow								<u> </u>					
Dia.		Circle one:				Flowing		<u> </u>		GOF	 .	Flowing	
Plate Coefficient (F _b) (F _p) Mcfd		Meter or rover Pressure psia Press Extension		Gravity Factor F		Temperature Factor F _{ft}	rature Factor				R Feet/ 	Fluid Gravity G _m	
				(OPEN FL	OW) (DELIV	/ERABILITY	r) CALCUI	LATIONS		(D	$a^2 = 0.2$	207	
)² =		(P _w) ² =	:	P _d =				+ 14.4 =	:		a) ² = 0.2		
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_d)^2$		(P _c) ² -(P _w) ² (P _c) ² -(P _w) ² 1. P _c ² -P _a ² 2. P _c ² -P _d ² divided by: P _c ² -P _w ²		LOG of formula 1. or 2.		Backpressure Curve Slope = "n" or Assigned Standard Slope		l n x	roe	Antilog	De Equal	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow Mcfd @ 14.65 psia					Deliverability Mcfd @ 14.65 psia								
	_	ned authority, or					29th	day of C	he above report October			vledge of	
		Witness (if	f any)						FarCan	npany			
		For Comm	issian						Checke	ed by			

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	scores de se telebro
	CC WICHITA
I declare under penalty of perjury under the laws of the state of Kansas that exempt status under Rule K.A.R. 82-3-304 on behalf of the operator M&M Explorat	
and that the foregoing pressure information and statements contained on this ap	
correct to the best of my knowledge and belief based upon available production su	mmaries and lease records
of equipment installation and/or upon type of completion or upon use being made of I hereby request a one-year exemption from open flow testing for the <u>Z Bar 15</u>	
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 unde	rgoing 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 agree to supply to the best of my ability any and all supporting docun staff as necessary to corroborate this claim for exemption from testing.	nents deemed by Commission
Date: October 29, 2012	
Signature: The nut	
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.