KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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Type Test	:	0141		(S	See Instruc	tions on Re	verse Side	;)	LIIADILII	1 1201		
= :	en Flow			Test Date	:			API	No. 15			
Deliverabilty					•				23136 - 00	00		
Company M&M Ex		on, Inc.				Lease. Z Bar				۷ 15-5	Vell Number	
County Location Barber 2200 FNL 660 FWL			Section 15		TWP 34			(W)		Acres Attributed 160		
Field Aetna Gas Area			Reservoir Ft. Scott		·		Gas Gathering Conne ONEOK		ection			
Completion Date 01/22/2010			Plug Back Total Depth 4792'		th	Packer Set at None						
Casing Si 5.5	asing Size Weight .5 15.5			Internal Diameter 4.950		Set at 5105'		Perforations 4756'		то 4762'		
Tubing Size Weight 2.375 4.7			Internal Diameter 1.995		Set	Set at 4786'		rations	То			
Type Completion (Describe) Single (Gas)				Type Fluid	l Production	n	Pump Unit or Tra Pump Unit			Plunger? Yes	/ No	
		Annulus / Tub	ing)	% Carbon Dioxide			% Nitrogen			Gas Gravity - G		
Annulus			<i>31</i>	0.063				4.285			0.6654	
Vertical Depth(H)				Pressure Taps							(Meter Run) (Prover) Size	
Pressure	Buildun:	Shut in M	ay 16	13 _a , 9:	00	(AM) (PM)	Taken M	ay 17	20	13 _{at} 9:30	(AM) (PM)	
Well on Li										at		
					OBSERVE	D SURFAC	E DATA			Duration of Shut-i	n Hours	
Static /	Orifice	Circle one: Pressu		1		Casing		Tubing		Buration of Gride		
Dynamic Size		Meter Differential		Temperature Temperatu		Wellhead Pressure		Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Property	(inches	psig (Pr	1	t	t	psig	psia	psig	psia	(-)	(Calcolo)	
Shut-In						50	54.4					
Flow												
		'	,	1	FLOW STR	EAM ATTR	RIBUTES				I	
Plate Circle one: . Press			Gravity _		Flowing	Flowing Deviat		Metered Flow	w GOR Flowing			
Coeffieci		Meter or Extension Prover Pressure		Factor 1				actor R		(Cubic Feet/ Fluid		
(F _b) (F _p)		psia	√ P _m xh	F,		F _{tt}		pv	(Mcfd)	· Barrel)	G _m	
P_) ² =		: (P _w) ²	!= :	(OPEN FLO			')		;		= 0.207 =	
			Choose formula 1 or 2:			ī	essure Curve		ГЛ		Open Flow	
(P _c)² ⋅ (F or	,) ²	(b ^c) ₅ - (b*) ₅	1. P _c ² -P _a ²	LOG of formula			pe = "n" - or	n x	LOG	Antilog	Deliverability	
$(P_e)^2 - (P_d)^2$			2. P _c ² -P _d ²	1. or 2. and divide	P _c ² -P _w ²	As	signed			,	Equals R x Antilog (Mcfd)	
			divided by: $P_c^2 - P_w^2$	by:		, Static	lard Slope	<u> </u>				
								<u> </u>				
Open Flow	pen Flow Mcfd @ 14.65 psia					Deliverability			Vicfd @ 14.65 psia			
	•	•				-		_		rt and that he has		
ne facts st	tated the	erein, and that	said report is true	and correct	. Executed	this the 1					, ₂₀ <u>13</u> .	
		Witnes	s (it any)	, ,			-11	re	rut	Company	CC WICH	
		For Cor	mmission			-			Cher	cked by	SEP 23 20	

exempt status and that the correct to the of equipment I hereby	under penalty of perjury under the laws of the state of Kansas that I am authorized to request s under Rule K.A.R. 82-3-304 on behalf of the operator M&M Exploration, Inc. foregoing pressure information and statements contained on this application form are true and best of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. The grounds that said well:								
-	Theck 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								
	agree to supply to the best of my ability any and all supporting documents deemed by Commission ssary to corroborate this claim for exemption from testing.								
Date: Septer	mber 10, 2013								
	Signature: Menne								
	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. **KCC WICHITA**