KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(6	See Iristruci	tions on Rev	erse Side)				
= :	en Flow liverabil		,		Test Date	:				No. 15			
Company		ııy		<u> </u>			Lease		007-	-21082-000		Well Numb	ner
M&M Ex		on,	Inc.				Z Bar				31-2		
County Barber			Location 1980 FNL 340 FEL		Section 31		TWP 33		RNG (E/W) 14W		Acres Attributed		ibuted
Field Aetna G	as Are	a		_	Reservoir Mississi				Gas Gath	ering Conne	ection		
Completion Date 12/05/2008				Plug Back	Total Dept	th	Packer S None		et at				
Casing Size Weight 4.5 10.5			Internal E 4.052	iameter	Set at 5931'		Perforations 4789'		To 4853'	То 4853'			
Tubing Size 2.375			Weight 4.7	_	Internal D	Internal Diameter 1.995		Set at 4901'		ations	То		
Type Con		(De		<u> </u>	Type Fluid Production Saltwater/Crude				Pump Unit or Traveling Plunger? Yes / No Pump Unit				
Single (/Anr	oulus / Tubino	١		arbon Dioxi			% Nitroge		Gas Gr	avity - G	
Producing Thru (An Annulus			iulus / Tubing	,	0.120	arborr bloxi			1.0362		0.663		
Vertical D)				Pres	sure Taps					Run) (Prov	er) Size
			Mav	/ 18 °	. 15 . 2:	15	(410) (514)	M	av 19		15 _{at} 2:15	(44	4) (D44)
Pressure Buildup: Well on Line:			3/101 111	د							at		И) (PM) И) (PM)
	-												
			Circle one:	Pressure		OBSERVE	D SURFACE		Т т	ubing	Duration of Shut-	<u>in</u> I	Hours
Static / Dynamic Property	Dynamic Size		Meter Prover Pressu psig (Pm)	Differential	Flowing Well Hi Temperature t t		wellhead Pressu (P _w) or (P ₁) or (P		Wellhead Press (P _w) or (P _t) or (Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			poig (i iii)	Inches 11 ₂ 0			psig 57	71.4	psig	psia	-		
Flow									_				
						FLOW STR	REAM ATTRI	BUTES	·				
Plate Coefficient (F _b) (F _p) F Mofd		Pro	Circle one: Meter or over Pressure psia	Press Extension √ P _m x h	Grav Fact F _s	tor	Flowing Temperature Factor F _{It}	re Deviation Factor		Metered Flor R (Mcfd)	W GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m
												<u> </u>	
(5.) 2			/m 10		•		/ERABILITY)					² = 0.207	,
(P _c) ² =	ī	<u>-:</u>	(P _w) ² =	Choose formula 1 or 2	P _d =			- 14.4) +	1	 :	(P ₉)	T	
(P _c) ² - (or (P _c) ² - (P _a) ²	(F	P _c) ² - (P _w) ²	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Slop Ass	ssure Curve e = "n" or signed ard Slope	n v 1	.og	Antilog	Delive Equals R	r Flow trability x Antilog cfd)
-				avided by: F _c F _w	5,	<u> </u>	Otalia	ara Ciopo					
						•							
Open Flo	w		<u>-</u> -	Mcfd @ 14	.65 psia		Deliverab	ility			Mcfd @ 14.65 ps	ia	
The	undersi	gne	d authority, o	n behalf of the	Company,	states that h	ne is duly au	thorized t	o make th	e above repo	ort and that he ha	as knowled	dge of
the facts s	stated th	nere	in, and that sa	aid report is tru	e and correc	t. Executed	this the 8t	<u>h</u>	day of <u>Ju</u>	ıne		, 20	15
				a benait of the		KCC	MICH:	$\mathcal{L} $	me	on to	て		
			Witness (i				1 1 2015				Company		
			For Comm	ission		RE	CEIVE)		Che	cked by		

exempt status under Rule K.A.R. 82-3-3 and that the foregoing pressure inform correct to the best of my knowledge and of equipment installation and/or upon ty I hereby request a one-year exemp	under the laws of the state of Kansas that I am authorized to request 304 on behalf of the operator M&M Exploration, Inc. nation and statements contained on this application form are true and d belief based upon available production summaries and lease records type of completion or upon use being made of the gas well herein named. Stion from open flow testing for the Z Bar 31-2
gas well on the grounds that said well:	
is on vacuum at the is not capable of pro	al gas for injection into an oil reservoir undergoing ER present time; KCC approval Docket No oducing at a daily rate in excess of 250 mcf/D st of my ability any and all supporting documents deemed by Commission
Date: June 8, 2015	,
KCC WICHITA JUN 1 1 2015 RECEIVED	Signature: Mwwhx 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.