KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Rev	erse Side)						
_ :	en Flov				Test Date	:				No. 15					
	liverabi	ity					-		007	23792 – 0 0	00				
Company M&M Ex		ion,	inc.				Lease Z Bar					18-13	Vell Nu	mber	
County Location Barber 1100 FSL 330 FWL			Section 18		TWP 34				Acres Attributed 160						
Field Aetna G	as Are	a			Reservoir Mississi			-	Gas Gat	hering Conne	ection				
Completion Date 02/09/2012			Plug Back Total Depth 5068'				Packer S None	Set at							
	Casing Size Weight		t	Internal D	Diameter	Set at 5103'		Perforations 4849¹			то 4908'				
Tubing Size		Weight 4.7		Internal D	Internal Diameter 1.995		Set at 4936'		rations		То				
Type Completion (Describe)			Type Fluid Production Saltwater/Crude			,	Pump Unit or Traveling Plunger? Yes / Pump Unit				/ No				
Single (Gas) Producing Thru (Annulus / Tubing)				% C	% Carbon Dioxide			% Nitrogen			Gas Gravity - G				
Annulus Vertical Depth(H)					0.0832	0.0832			0.6783			0.6094 (Meter Run) (Prover) Size			
vertical L	peptn(H	ı)				Pres	sure Taps					(Meter F	sun) (P	rover) Size	
Pressure	Buildu	p:	Shut in May	/ 18 2	0 15 at 2:	:00	(AM) (PM)	Taken M	ay 19	20	15	at 2:00	((AM) (PM)	
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken		20		at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA		•	Dura	tion of Shut-	n	Hour	
Static / Dynamic Property			Circle one: Meter Prover Pressu		Flowing Well Heat Temperature Temperature t t		I Wollhood Proceuro		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)			Liquid Produced (Barrels)	
Shut-In	,,,,,		psig (Pm)	Inches H ₂ 0			psig 86	psia 100.4	psig	psia					
Flow															
_				<u>-</u>		FLOW STR	REAM ATTRI	BUTES							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	Extension Fac		tor Temperature		lation leter pv	Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
(P _c) ² =		:	(P) ² =	:	•		'ERABILITY) % (P		.ATIONS .14.4 = _	:		(P _a); (P _a);	²= 0.2 ²=	:07	
(P _c) ² - (or (P _c) ² - ((P _a) ²	(1	5);-(P*);	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide		Backpres Slop Ass	ssure Curve e = "n" or signed ard Slope		LOG		Antilog	Or Del Equals	oen Flow iverability is R x Antilog (Mcfd)	
					3,.	<u> </u>	Janua	5.0p v							
Open Flo	w			Mcfd @ 14	.65 psia		Deliverab	ility			Mcfd	@ 14.65 psi	a		
		-	•	n behalf of the			•			•				-	
the facts s	stated t	here	in, and that sa	aid report is tru	e and correc	t. Executed	this the ot.	3	day of <u></u>	une N h M	2		·	20	
			Witness (i	f any)		JUN 1	_		- week		Compan	у			
			For Comm	Ission			EIVED -			Che	ckeď by	ı			

exempt status under Rule K.A.R. 82-3-30 and that the foregoing pressure information correct to the best of my knowledge and of equipment installation and/or upon type	nder the laws of the state of Kansas that I am authorized to request 4 on behalf of the operator M&M Exploration, Inc. Ition and statements contained on this application form are true and belief based upon available production summaries and lease records e of completion or upon use being made of the gas well herein named. On from open flow testing for the Z Bar 18-13
is on vacuum at the process is not capable of proc	ifft due to water gas for injection into an oil reservoir undergoing ER resent time; KCC approval Docket No ducing at a daily rate in excess of 250 mcf/D of my ability any and all supporting documents deemed by Commission
KCC WICHITA JUN 1 1 2015 RECEIVED	Signature:

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.