KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:														
Open Flow Deliverabilty				Test Date:				API No. 15 007-22758 - 0000						
Company M&M Exploration, Inc.				Lease Z Bar				Well Number 10-5				oer		
County Location Barber 2200 FNL 4				Section 40 FWL 10			TWP RNG (E/W) 34 15W		W)	Acres Attributed 160				
Field Aetna				Reservoir Miss. Do				Gas Gathering Cor ONEOK		ction				
Completic 10/04/20				Plug Baci 4954'	k Total Dept	th 		Packer S None	et at		<u> </u>			
Casing S 4.5	ize		Weight 10.5		Internal D 4.052	Diameter	meter Set a 4954		Perforations 4750'		то 4830'			
Tubing Si 2.375	ize		Weight 4.7		Internal D 1.995		Plameter Set a 4759		Perforations		То			
Type Con Single ((Describe)				d Production ter/Crude			Pump Ur Pump		Plunger? Yes	/ No		
Producing Thru (Annulus / Tub Annulus				g) % Carbon Diox 0.076			de	% Nitrogen 3.737			Gas Gravity - G ₉ 0.6546			
Vertical D	epth(H)					Pres	sure Taps				(Meter	Run) (Pro	/er) Size	
Pressure	Buildup	: Shut in _	Sept	10 2	0_14_at_2	:00	(AM) (PM)	Taken_Se	pt 11	20	14 _{at} 2:00	(AI	———— M) (PM)	
Well on L	ine:				0 at		(AM) (PM)	Taken		20	at	(A	VI) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	·in ni-	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressure psig (Pm)		Flowing Temperature t	Well Head Temperature t	Wellhead	sing I Pressure P _t) or (P _c) psia) (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			<u> </u>	Inches H ₂ 0		-	200	214.4	paig	ряа				
Flow														
					1	FLOW STE	REAM ATTE	RIBUTES						
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Grav Extension Fact ✓ P _m x h F _g		tor Temperatur		Fa	ation ctor pv	Metered Flov R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
					12									
(P _c) ² =		_: (P.	,)² =	:	(OPEN FL	OW) (DELIV		Y) CALCUL P _e - 14.4) +		;	(P _a) (P _d)) ² = 0.207	7	
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²		(P _o) ² - (P _w) ²		ooss farmula 1 or 2: 1. P _c ² -P _a ² 2. P _c ² -P _d ided by: P _c ² -P _a ² by:		Backpres Slop		essure Curve ope = "n" or ssigned dard Slope	D X	LOG	Antilog	Oper Delive Equals F	n Flow erability R x Antilog lefd)	
<u></u>												-		
Open Flow Mcfd @ 14.65 psia					 · <u></u>	Deliverability				Mcfd @ 14.65 psia				
		gned authorit	ty, on l			states that h			o make ti		ort and that he h		edge of	
		_	•	report is true	•		•	6th	day of _N	lovember	<u>.</u>		14	
	<u>-</u> -	\$AM-	#						me	non		Receive	ed N COMMISSIO	
			ess (if a								Company NC)V 1. 0	_2014	
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CONSERVATION DIVISION WICHITA, KS

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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 the Z Bar 10-5
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 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.
Date: November 6, 2014
Signature: Ment
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 Received signed and dated on the front side as though it was a verified report of annual test results.

KANSAS CORPORATION COMMISSION