Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				6	See Instruct	tions on Re	verse Side	9)					
Open Flow Deliverability				Test Date:				API No. 15 007-23855 <i>~ DOOO</i>						
Company M&M Exploration, Inc.				Lease Z Bar						Well Number 32-6				
County Barber			Location 2080 FNL 2420 FWL		Section 32		TWP 33		RNG (E/W) 14W		Acres Attributed		ttributed	
Field Aetna Gas Area				Reservoir Mississi			Gas Gat	hering Conn	ection					
Completion Date 05/04/2012			Plug Bac 4940'	k Total Dept	th		Packer 8 None	Set at		_				
Casing Size 4.5			Weigh 10.5	Weight 10.5		Internal Diameter 4.052		Set at 4940'		rations 0'	то 4790'			
Tubing Size 2.375			Weight 4.7		Internal Diameter 1.995		Set at 4807'		Perforations		То			
Type Con Single (escribe)			d Production ter/Crude			Pump Ui Pump	nit or Traveling Unit	g Plunger? Yes	s / No		
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide 0.5502				% Nitrog		Gas Gravity - G _g 0.6722				
Vertical D	epth(F	1)			-	Pres	sure Taps		_		(Mete	r Run) (Pr	rover) Size	
Pressure	Buildu	p:	Shut in Sep	ot 11 2	0 14 at 3	:15	(AM) (PM)	Taken_S	ept 12	20	14 at 3:15	(AM) (PM)	
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFAC		1		Duration of Shu	ıt-in	Hours	
Static / Dynamic Property	amic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	lemperature Temperat			Pressure	Tubing Wellhead Pressure (P _w).or (P ₁) or (P _c) psig psia		Duration (Hours)		d Produced Barrels)	
Shut-In							35	49.4						
Flow	l											<u> </u>		
	i				1	FLOW STE	REAM ATTR	IBUTES		<u> </u>	<u> </u>			
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension √ P _m xh	Extension Fac		tor Temperature		viation actor F _{pv}	Metered Flo R (Mcfd)	w GOI (Cubic I Barre	Feet/	Flowing Fluid Gravity G _m	
														
(P _c)² =		_:	(P _w) ² =	·:	•	OW) (DELIV		') CALCUI P _c - 14.4) +		:		$(a_a)^2 = 0.2$ $(a_a)^2 =$	07	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$				Choose formula 1 or 2 1. P _c ² · P _s ² 2. P _c ² · P _d ² divided by: P _c ² · P _w	LOG of formula 1. or 2. and divide	P.2-P.2	Backpressur Slope =or Assign Standard		n x	LOG	Antilog	Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	_													
Open Flo	ew .			Mcfd @ 14.	.65 psia		Deliveral	bility			Mcfd @ 14.65 p	osia		
		_	-	n behalf of the aid report is tru			•			he above repo	ort and that he		ledge of 20 <u>14</u> .	
			,	· · - - - - · · · · · · · · · · · · · · · · · · ·						m n	in K	F	Received PORATION COM	
	-		Witness (if any)			•				Company	NO/	/ 1 0 201	
	_		ForComm	nission						Che	ecked by	CONSER	RVATION DIVIS	

l decla	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request								
	itus under Rule K.A.R. 82-3-304 on behalf of the operator M&M Exploration, Inc.								
	ne foregoing pressure information and statements contained on this application form are true and								
correct to t	he 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 32-6									
	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 furth	er agree to supply to the best of my ability any and all supporting documents deemed by Commission								
staff as ne	cessary to corroborate this claim for exemption from testing.								
n May	rember 6, 2014								
Date: Nov	rember 6, 2014								
	Signature:								
	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 for manager of the subject well. The formassical signed and dated on the front side as though it was a verified report of annual test results.