Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:	:				(See Instruct	ions on He	everse Side	9)					
	en Flow liverabil				Test Date) :				No. 15 22901 - 40	o <i>9</i>			
Company M&M Ex		on, Inc.					Lease Z Bar				10-13	Well Num	nber	
County Location Barber 1400 FSL 1000FWL			Section 10		TWP 34			RNG (E/W) 15W		Acres Attributed 160				
Field Aetna Ga	as Are	a			Reservoir Ft. Scot				Gas Gat	hering Conne K	ection			
Completion Date 04/05/2006			Plug Back Total Depth 4732'				Packer S None	Set at		1	ಪ			
Casing Si 5.5	Casing Size Weight 5.5 15.5			Internal D 4.950		Diameter Set at 5045'			Perforations 4698'		то 470 6	, Ş	9 20	
Tubing Size Weigh 2.375 4.7			~		Internal E 1.995	Diameter		Set at Perforation 4680'		rations	То	S	11. 2 9 2013	
Type Com		(Describe)				d Production ter/Crude			Pump Ur Pump	nit or Traveling Unit	Plunger? Yes	- V	=	
Producing Annulus Vertical D	, 3	(Annulus / *	Tubing)		% 0 0.065	Carbon Dioxid	de sure Taps		% Nitrog 4.904		0.67	Gravity - G 77 r Run) (Pro		
Pressure Well on Li	•										13 at 11:00		M) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shu	ıt-in	Hour	
Static / Orifice Dynamic Size Property (inches)		Prover	Meter Prover Pressure		Flowing Temperature t	Well Head Temperature t	Casing d Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₂) psig psia		Duration (Hours)	Liquid	Liquid Produced (Barrels)	
Shut-In				inches H ₂ 0			40	44.4	poig	polit				
Flow							<u></u>							
					,	FLOW STR	EAM ATT	RIBUTES	1					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Grav Extension Fact ✓ P _m xh F ₀		tor	Temperature Factor		viation Metered Flow actor R F _{pv} (Mcfd)		GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m	
	İ				(OPEN EL	OW) (DELIV	ERARII ITY	V) CALCIII	ATIONS				_	
P _c) ² =		_: (I	o	:	P _d =	• •		(P _c - 14.4) +		;		$_{a}^{2}$) ² = 0.20 $_{d}^{2}$) ² =		
(P _c) ² - (F	P _a) ²	(P _c) ² - (P _w)	2	1. $P_{c}^{2} - P_{e}^{2}$ 2. $P_{c}^{2} - P_{d}^{2}$ 2. $P_{c}^{2} - P_{d}^{2}$	LOG of formula 1. or 2. and divide by:	P.2. P.2	Sk	essure Curve ope = "n" or ssigned dard Slope	l n x	LOG	Antilog	Deliv Equals	en Flow rerability R x Antilog Mcfd)	
Open Flor	w			Mcfd @ 14.6	55 psia		Delivera	bility			Mcfd @ 14.65 p	sia		
		_	-	behalf of the						ne above repo uly U	rt and that he h	nas knowle		
		w	ltness (if a	ny)							company		_	
		Fo	r Commiss	ion						Chec	ked by			

exempt status	•	-	s of the state of Kan of the operator M&M	nsas that I am authoriz Exploration, Inc.	ed to reque	st
				on this application form	n are true ar	nd
correct to the	best of my knowled	ge and belief based	upon available prod	uction summaries and	lease record	st
of equipment	installation and/or u	pon type of completi	ion or upon use being	g made of the gas well h	nerein name	d.
I hereby re	equest a one-year e	exemption from oper	n flow testing for the _	Z Bar 10-13		_
gas well on th	e grounds that said	well:				
(C)	heck one)					
, <i>O</i> ,		nethane producer				
Ĺ		lunger lift due to wat	ter			
1	<u> </u>	J	tion into an oil reser	oir undergoing ER		
	is on vacuum	at the present time; I	KCC approval Docke	t No.		
	is not capable	of producing at a d	aily rate in excess of	250 mcf/D		
				ng documents deemed	t by Commis	sio
staff as neces	sary to corroborate	this claim for exem	ption from testing.		d	
					CC WICHITA JUL 29 2013	ç
Date: July 27	, 2013				호 ^문	
					29 €	Č
					용 털	Ω
			a		7	
		Signature:	men	ue		
		oignature.	****** * * * * * * * * * * * * * * * *			

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.