KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:			I	(See Instruct	tions on Re	everse Side	3)				
	en Flov Hiverabi			Test Date	9:				l No. 15 723135 −∝)- 0 0		
Company M&M Ex		on, Inc.				Lease Z Bar				14-12	Well Number	
County Barber			Location S/2N/2SW/4		Section 14		TWP 34		RNG (E/W) 15W		Acres Attributed 160	
Field Aetna Gas Area			Reservoi Mississ			Gas Gathering Conn ONEOK			ection	REC		
07/06/20				Plug Back Total Depti 4921'		h	h Packe Non		Set at		NOV a	
Casing Size 4.5		Weig 10.5	Weight 10.5		Diameter	Set at 4944'		Perforations 4799'		то 4870 '	NOV 0 2	
Tubing Size 2.375		Weig 4.7	Weight 4.7		Internal Diameter 1.995		Set at 4793'		orations	То	WIC/	
Type Con Single ((Describe)			d Production			Pump Ui	nit or Traveling Unit	Plunger? Yes	/ No	
Producing Annulus	_	(Annulus / Tubin	ig)	% Carbon Dioxid				% Nitrog 0.624	Nitrogen 0.624		Gas Gravity - G ₉ 0.6146	
Vertical D	Depth(H)			Press	sure Taps		•		(Meter	Run) (Prover) Size	
Pressure	Buildup	: Shut in Oc	tober 23	0 12 at 1	0:00	(AM) (PM)	Taken O	ctober 2	24 20	12 _{at} 10:00	(AM) (PM)	
Well on L	.ine:	Started	20	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	-in Hou	
Static / Dynamic Property	Orific Size (inche	Meter Prover Press	1 1	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In						139	153.4	poly	pole			
Flow												
			T	1	FLOW STR	· · · · · · · · · · · · · · · · · · ·	HBUTES					
Plate Coeffiec (F _b) (F Mcfd	ient	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	· 7	Flowing Temperature Factor F _{f1}	Fa	ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	I Gravity	
				OPEN FL	OW) (DELIVI	ERABILITY) CALCUL	ATIONS		/D \	²= 0.207	
(P _c) ² =		: (P _w) ² =	::	P _d =	9	% (I	P _c - 14.4) +	14.4 =	:		2 =	
(P _c) ² - (I or (P _c) ² - (I	P _d) ²	(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 ²	LOG of formula 1, or 2, and divide by:	P _c ² - P _w ²	Backpre Slo As	essure Curve pe = "n" or signed lard Slope	0.4	ГЪ	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow Mcfd @ 14.6			65 psia		Deliverat	Deliverability		ı ı	Mcfd @ 14.65 psia			
			aid report is true				9th	day of _C	n út	t and that he ha	s knowledge of	
		For Comm	nission			-			Checl	red by		

NOV 0 2 2012 KCC WICHITA

	•
I declare und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status und	der Rule K.A.R. 82-3-304 on behalf of the operator M&M Exploration, Inc.
	going pressure information and statements contained on this application form are true and
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records
of equipment inst	allation and/or upon type of completion or upon use being made of the gas well herein named.
l hereby requ	est a one-year exemption from open flow testing for the Z Bar 14-12
	ounds that said well:
(Check	
	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
\checkmark	is not capable of producing at a daily rate in excess of 250 mcf/D
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commissio
staff as necessar	y to corroborate this claim for exemption from testing.
Date: October 29	2012
Date. Goldbor 20	, 2012
	Signature: Me him
	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.