Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:	-				(See Instruc	ctions on Re	verse Side	e) .		•	
	en Flo liverab				•	Test Date	e:			AP	l No. 15 – 00	7-20,156-01	001
Company M&M Ex		ion,	Inc.	-		r	-	Lease Davis F	Ranch		•	B-1	Well Number
County Location Barber C NW/4SE/4				= /4	Section 15		TWP 34			E/W)		Acres Attributed 160	
Field Aetna N	orthw	est					Reservoir Mississippian			Gas Gathering Connection ONEOK			
Completic 09/07/20		е				Plug Bac 4945'	Plug Back Total Depth 4945'			Packer Set at None			
Casing S 4.5	ize		Weig 10.5			Internal E 4.052	Diameter	Set at 4955'		Perforations 4866'		To 4926'	l
Tubing Si 2.375	ize		Weig 4.7	ht		Internal D 1.995	Diameter		Set at 4931 '		orations	То	
Type Con Single (escribe)				d Production			Pump U	Init or Traveling Unit	Plunger? Yes	/ No
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide 0.087			% Nitrogen 0.712			Gas Gravity - G ₉ 0:6146			
Vertical D	epth(F	1)		٠.	,		Pres	ssure Taps				(Meter	Run) (Prover) Size
Pressure	Buildu	p:	Shut in Se	pte	mber 3 2	0 13 at 9	:00	_ (AM) (PM)	Taken_S	eptemb	er 4 20	13 _{at} 9:00	(AM) (PM)
Well on L	ine:		Started		2	0 at		_ (AM) (PM)	Taken		20	at	(AM) (PM)
							OBSERVI	ED SURFAC	E DATA			Duration of Shut	t-in Hours
Static / Dynamic Property	Orifi Siz (inch	e	Circle one: Meter Prover Press psig (Pm)	ter Differe		Flowing Temperature t	perature Temperature (P,		Pressure or (P _c) psia	Wellh	Tubing ead Pressure or (P _t) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In					. 2			125	139.4	psig	psia		
Flow	•												
	1			Т		1	FLOW ST	REAM ATTR	IBUTES	·	1		
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Grav Fact F _g	Tomporature		Fa	Deviation Me Factor F _{pv}		w GOR (Cubic F Barrel	eet/ Fluid	
		-	·										
(P _c) ² =		_:	(P _w) ² =	<u> </u>	:	(OPEN FLO		VERABILITY .% (f	') CALCUL ⁻ 。- 14.4) +			· (Pa (Pd) ² = 0.207") ² =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		pose formula 1 or 2: 1. $P_c^2 - P_a^2$ LOG of formula 2. $P_c^2 - P_d^2$ 1. or 2. and divide by:		P _c ² - P _w ²	Slo	Backpressure Curve Slope = "n" or Assigned Standard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flov	<i>N</i>			,	Mcfd @ 14.	65 psia		Deliverat	oility			Mcfd @ 14.65 ps	ia
												rt and that he ha	
the facts st	tated th	nerei	n, and that s	aid r	eport is true	and correct	t. Executed	this the 61		day of _	September	K	CC WICHITA
			Witness	if any)					ne		Company	SEP 2 3 2013
			For Comr	nissio	n	i .		_			Chec	cked by	RECEIVED

I declare under penalty of peri	jury under the laws of the state of Kansas that I am authorized to request
	2-3-304 on behalf of the operator M&M Exploration, Inc.
•	offormation and statements contained on this application form are true and
	e and belief based upon available production summaries and lease records
,	on type of completion or upon use being made of the gas well herein named.
• •	emption from open flow testing for the Davis Ranch B-1
as well on the grounds that said w	
J	
(Check one)	
is a coalbed me	thane producer
is cycled on plu	inger lift due to water
is a source of na	atural gas for injection into an oil reservoir undergoing ER
is on vacuum at	the present time; KCC approval Docket No
✓ is not capable o	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
taff as necessary to corroborate t	this claim for exemption from testing.
oate: September 6, 2013	
	Signature: MMM ML
	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.