## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(	See Instruct	tions on Rev	verse Side	)			
Op	en Flov	N			Test Date				A DI	No. 15		
De	eliverabi	ilty			lesi Dale	).				No. 15 '-20156-000	1	
Company M&M Ex	y kplorati	ion, Inc					Lease Davis R	anch			B-1	Well Number
County Barber			Location C NW/4		Section 15		TWP 34		RNG (E.	W)		Acres Attributed
Field Aetna N	orthwe	est			Reservoir Mississi				Gas Gat	hering Conn	ection	
Completi 09/07/20		9			Plug Bac 4945'	k Total Dept	h		Packer 8 None	Set at		
Casing S 4.5	Size		Weight	t	Internal ( 4.052	Diameter	Set <i>a</i>		Perfo 486	rations 6'	то 4926'	
Tubing S	ize		Weight	<u> </u>	Internal I	Diameter	Set a 493	ıt		rations	То	
Type Cor Single (		n (Descr			Type Flui	d Production ter/Crude	า	<u>'</u>	Pump Ui Pump	nit or Traveling	Plunger? Yes	/ No
Producing	g Thru	(Annulu	s / Tubing	)	% C	arbon Dioxi			% Nitrog	jen		avity - G
Annulus Vertical [				-	0.087	Due	ouro Toss		0.712		0.6140	
vertical L	Jepin(H	I)				Pres	sure Taps				(Meter F	Run) (Prover) Size
Pressure	Buildu	p: Shu	t in May	/ 18 2	0 15 at 9	:00	(AM) (PM)	Taken M	ay 19	20	15 at 9:00	(AM) (PM)
Well on L	Line:	Star	ted	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFACE	E DATA		<del></del>	Duration of Shut-i	inHours
Static / Dynamic Property	Orific Size (inche	e Pro	Circle one: Meter ver Pressu psig (Pm)		Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P <sub>w</sub> ) or (P	Pressure	Wellhe	Tubing ad Pressure r (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Shut-In			poig (Fili)	Inches H₂0			160	psia 174.4	psig	psia		
Flow		<u> </u>										
						FLOW STR	REAM ATTR	IBUTES				
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	cient =p)	Met Prover l	e one: er or Pressure sia	Press Extension ✓ P <sub>m</sub> xh	Grav Fac F	tor <sup>1</sup>	Flowing Temperature Factor F <sub>It</sub>	Fa	lation ctor pv	Metered Flor R (Mcfd)	w GOR (Cubic Fer Barrel)	l Cravity
								-				
(P <sub>c</sub> ) <sup>2</sup> =			(P <sub>w</sub> ) <sup>2</sup> .=		(OPEN FL	OW) (DELIV ,		) CALCUL <sup>2</sup> 。- 14.4) +		•	(P <sub>a</sub> )² (P <sub>d</sub> )²	<sup>2</sup> = 0.207
(P <sub>c</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (	1	(P <sub>e</sub> ) <sup>2</sup> -		2. $P_c^2 - P_d^2$			Backpre Slop	ssure Curve pe = "n" - or signed	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog
	-			divided by: P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup>			Stand	ard Slope			-	(Mcfd)
					-							-
Open Flo	n Flow Mcfd @ 14.65 psia Deliverability					Mcfd @ 14.65 psia						
		-		n behalf of the			-			ne above repo	ort and that he ha	s knowledge of
			Witness (il	any)	•	<del>1-1-1UU</del>	2015 -	- 1	me	- Uh For	Company	
			For Comm	ission		RECE	IVED -			Che	cked by	

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 Davis Ranch B-1
(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 Commissions staff as necessary to corroborate this claim for exemption from testing.
Date: June 8, 2015
KCC WICHITA  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.