

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(-	See Instruc	tions on Rev	erse Side)				
Open Flow Deliverabilty			Test Date:				API No. 15						
	-	·y				-			007	-23342 -0 6	900		
Company M&M Exploration, Inc.					Lease Z Bar						Well Number 30-11		
County Barber			Locatio 1300 FSI	n _ 2100 FWL	Section 30		TWP 33		RNG (E/W) 14W		Acres Attributed 160		Attributed
Field Aetna Gas Area			-	Reservoir Mississippian					Gas Gathering Connecti ONEOK		ection.		
Completion Date 11/04/2008					Plug Baci 5156'	Plug Back Total Depth 5156'		Packer Set at None		Set at			
Casing S 4.5	ize		Weight 10.5		Internal Diameter 4.052		Set at 5185'		Perforations 4873'		то 4972'		
Tubing Si	ize		Weight		Internal Diameter 1.995		Set at 4995'		Perforations		То		
Type Completion (Describe) Single (Gas)				Type Flui	d Productio	n				aveling Plunger? Yes / No			
Producing Thru (Annulus / Tubing)					arbon Dioxi		% Nitrogen			Gas Gravity - G			
Annulus					0.282	1.801				0.6453			
Vertical D	Pepth(H)					Pres	sure Taps				(Mete	er Run) (P	rover) Size
Pressure	Buildup	: Shut	in May	18 2	0_15_at_1	1:30	(AM) (PM)	Taken_Ma	ay 19	20	15 at 11:3	0	(AM) (PM)
Well on L	ine:	Start	ted	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
						OBSERVE	D SURFACI	E DATA			Duration of Sh	ut-in	Hours
Static / Dynamic			Circle one: Meter ver Pressur		Flowing Well Head Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)		d Produced Barrels)
Shut-In		ў , г	osig (Pm)	Inches H ₂ 0	`	· · · ·	psig 81	psia 95.4	psig	psia			:
Flow													
						FLOW ST	REAM ATTR	IBUTES	•	•		•	
Plate Coefficcient (F _b) (F _p) Mcfd		Circle Mete Prover F ps	er or Pressure	Press Extension ✓ P _m xh	Extension Factor		Flowing Temperature Factor F _{it}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	w GC (Cubic Barı	Feet/	Flowing Fluid Gravity G _m
_			ļ										
(P :)2 =			(P)2 =				/ERABILITY % (F) CALCUL 2 - 14.4) +				o_)² = 0.2 o_d)² =	
$(P_c)^2 = {(P_c)^2 - (P_a)^2}$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		; thoose formula 1 or 2 1. P _c ² -P _a ² 2. P _c ² -P _a ² ivided by: P _c ² -P _a	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Backpressure Curv Slope = "n"or Assigned Standard Slope			Г٦	Antilog	O De Equal:	Open Flow ellverability als R x Antilog (Mcfd)
				/' 'c 'w									
Open Flow Mcfd @ 14.65 psia			65 psia	a Deliverability			Mcfd. @ 14.65 psia						
The	undersi	gned au	thority, on	behalf of the	Company, s	states that I	ne is duly at	uthorized t	o make ti	ne above repo	ort and that he	has knov	vledge of
the facts s	stated th	erein, a	nd that sa	id report is true	and correc	t. Executed KCC V	this the 81	thr	day of <u></u>) Me	une Ww		·	20 <u>15</u> .
		<u> </u>	Witness (if	any)		JUN	1 2015				Company		
			For Commi	ssion		REC	CEIVED			Che	cked by		

exempt status under Rule K.A.R. 82- and that the foregoing pressure info correct to the best of my knowledge of equipment installation and/or upon	ry under the laws of the state of Kansas that I am authorized to request 3-304 on behalf of the operator M&M Exploration, Inc. ormation and statements contained on this application form are true and and belief based upon available production summaries and lease records a type of completion or upon use being made of the gas well herein named.
gas well on the grounds that said we	ell:
is a source of nate is on vacuum at t ✓ is not capable of	ger lift due to water tural gas for injection into an oil reservoir undergoing ER he present time; KCC approval Docket No producing at a daily rate in excess of 250 mcf/D pest of my ability any and all supporting documents deemed by Commission
Date: June 8, 2015	
KCC WICHITA JUN 1 1 2015 RECEIVED	Signature: MNNTX 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.