KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= .	en Flo		5- .		Test Date	See Instructi	ons on Rev	erse Side	•	No. 15		
De	liverab	ilty			7/3/13					077-21486	6-0000	
Company MTM PETROLEUM, INC.						Lease FRYAR				#4	Vell Number	
County Location HARPER C W/2 I						TWP 31S			W)	A	Acres Attributed	
Field SPIVE	Y-GR	AB:	S-BASIL		Reservoir MISSIS	SSIPPIAN	l		Gas Gat	hering Conne	ection ORATION, L.1	 ГD.
Completion Date 07/01/04					Plug Bac 4544	k Total Dept	h	Packer Set at NONE			· ·	
Casing Size 5.5			Weight 15.5		Internal Diameter 4.950		Set at 4608		Perforations 4403		To 4407	
Tubing Size 2.375			Weight 4.7		Internal Diameter 1.995		Set at 4437		Perforations 4437		To 4437	
Type Completion (Describe)				Type Fluid Production GAS & WATER			Pump Unit or Traveling PUMPING			/ No		
Producing Thru (Annulus / Tubing) TUBING						Carbon Dioxid	de	% Nitrogen 5.282		Gas Gravity - G _o .685		
Vertical Depth(H) 4405				0.019	sure Taps			(Meter Run) (Prover) Size				
Pressure	Buildu	D:	Shut in 7/2		13 _{at} 9	:15	(PM)	Taken 7/	3	20	13 _{at} 9:15	(AM)(PM)
Vell on L		•	_								at	
						OBSERVE	D SURFACE	E DATA		-	Duration of Shut-i	n Hours
Static / Dynamic Property	namic Size		Gircle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing 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							186	psia	paig	рзіа		
Flow												
Dist			Circle one.		_	FLOW STR		BUTES				
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Meter or iver Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor T	emperature Fa		viation Metered Flow actor R F _{pv} (Mcfd)		W GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m
					(OPEN EL	OW) (DELIV	EDARII ITV	L CALCIII	ATIONS			•
2,)2 =		_:	(P _w) ² =_	:	P ₄ =	, ,		- 14.4) +			(P _a) ² (P _a) ²	= 0.207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _e) ² - (P _w) ²		1. P _c ² · P _e ² 2. P _c ² · P _d ² vided by: P _c ² · P _e ²	LOG of formuta		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flo	w			Mcfd @ 14.6	55 psia		Deliverab	ilitv			Mcfd @ 14.65 psia	
The (unders		I authority, on	behalf of the	Company, s		e is duly au	thorized t			rt and that he has	
			Wilness (if a	uny)	-		_	97	Jan	For C	ompany /	H.
···			For Commis	sion			-			Chec	K(CC WICH

DEC 11 2013

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator MTM PETROLEUM, INC.
and that the foreg	going pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the FRYAR #4
	ounds that said well:
(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.
$\overline{\checkmark}$	is not capable of producing at a daily rate in excess of 250 mcf/D
_	e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 12/5/2013	· · · · · · · · · · · · · · · · · · ·
	Signature AMARVIN A. MILLER, 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.

DEC 11 2013

RECEIVED