KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	:				(See Instruc	tions on Re	verse Side	" 15	-677-	21455	00-00	
Op	en Flov	*			Test Date	a:			_	No15	0.,00		
Deliverabilty					8-23-2011				077-14-3-3-3-00				
Company Messenç		trole	um, Inc.				Lease Mointire)			C-1	Well Number	
County Location Harper 100'S NW NW NW				Section 1		TWP 31S	, ,		/W)	Acres Attributed 160			
Field Spivey-Grabbs					Reservoir Mississippi			Gas Gathering Connection Pioneer					
Completion Date 2003				Plug Back Total Depth 4417				Packer S	Set at				
Casing Size Weight 5-1/2 15.50#				Internal [Diameter	Set at 4447		Perforations 4374		To 4382			
Tubing Size Weight 2-3/8 4.7#				Internal [Diameter	Set at 4413		Perforations 4395		то 4398			
Type Con Perf-Ac		ı (De	scribe)		Type Flui Salt W	d Productio ater	n			nit or Traveling ing Unit	Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing)				% Carbon Dioxide				% Nitrog			Gas Gravity - G		
Annulus					.00117	.00117				4	.718		
Vertical D 4413	epth(H	1)				Pres Flan	sure Taps				(Meter 2"	Run) (Prover) Size	
Pressure	Buildu	p: S	Shut in _8-20	3 2	0 11 at 9			Taken_8-	28	20	11 at 9:00 A	AM (AM) (PM)	
Well on L	ine:	s	Started 8-28	3 20	11 at 9	:00 AM	(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut	120 Hour	
Static / Dynamic Property	C Size Prov		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Temperature Temperature		Casing Weilhead Pressure (P _w) or (P _t) or (P _q)		fubing ad Pressure r (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	ut-In		pary (r m)	1110103 1120			psig 404	psia	95	psia	120		
Flow	.750		50	5			60		60		24	26 BSW	
						FLOW ST	REAM ATTR	IBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		-	Circle one: Meter or ver Pressure psia	Press Extension P _m x h	Grav Fact F _g	tor	Flowing Temperature Factor F ₁₁		Deviation Metered Factor R F _{pv} (Mcfc		w GOR Flowing (Cubic Feet/ Gravity Barrel) Ga		
										63	63,000:1	63,000:1	
(P _c) ² =		•	(P _w)² =	•	(OPEN FLO		'ERABILITY % (F) CALCUL) ² = 0.207) ² =	
$(P_a)^2 - (P_a)^2$ or $(P_a)^2 - (P_d)^2$		(P _a	(P _c) ² - (P _w) ² (P _c) ² - (P _w) ² 1. P _c ² - P _a ² 2. P _c ² - P _a ² divided by: P _c ² - P _a ²		LOG of formuta 1. or 2. and divide by:		Backpressure Curve Slope = "n"		0.4106		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	w			Mcfd @ 14.	65 psia		Deliverab	ility	<u> </u>		Mcfd @ 14.65 ps	<u>l</u> sia	
		-	-	behalf of the			•		o make the			as knowledge of, 20 12	
			Witness (if	anvi			-	·		fam	J. Mos	A RECEN	
			1410 852 (II	u-17;						Port	withmax	O'VE OE!	

	status under Rule K.A.R. 82-3-304 on behalf of the operator Messenger Petroleum, Inc							
and tha	t 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							
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.							
	reby request a one-year exemption from open flow testing for the McIntire C-1							
gas wel	I on the grounds 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.							
	is not capable of producing at a daily rate in excess of 250 mcf/D							
	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.							
J.G., GO	Toolseary to concess tate the status for exemption wear tooling.							
Dato: A	April 6, 2012							
Jaie	ф. н. о, до т. д. — — — — — — — — — — — — — — — — — —							
	$I \rightarrow I$							
	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.

APR 1 1 2012