KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		•		; (See Instruc	tions on Re	verse Side)			-0.			
Open Flow Deliverabilty			Test Date July 16,			API No. 15 077-21455-000								
Company Messenger Petroleum, Inc.				July 10,	2010	Lease McIntire			7-21405-000		C1	Vell Nu	mber	
County Location Harper 100's NW NW NW			Section 1		TWP 31S		RNG (E/W) SW		Ac		Acres A	cres Attributed		
Field Spivey-Grabbs			Reservoir Mississippi			ι	Gas Gathering Conr Pioneer		ection	<u> </u>				
Completion Date 2003				k Total Dep	th		Packer Set at			, ·				
Casing S 5-1/2	Casing Size Weight 5-1/2 15.50			Internal Diameter			Set at Perforation 4447 4374			то 4382				
Tubing Size Weigi 2-3/8 4.7#		ıt .	Internal Diameter		Set <i>a</i>		Perforations 4395		то 4398					
Type Completion (Describe) Perf-Acid			Type Fluid Production Salt Water					nit or Traveling ing Unit	Plunger? Yes / No					
Producing Thru (Annulus / Tubing) Annulus				% c	arbon Diox	ide		% Nitrogen .08634			Gas Gravity - G _e .7182			
Vertical Depth(H) 4413				Pressure Taps Flange				,			(Meter Run) (Prover) Size 2"			
Pressure	Buildup:	Shut in 7-1	6 2			\sim			20			•	(PM)	
Well on L		Started 7-1	8 2	0 <u>10</u> at <u>8</u>		(PM)	Taken		20		at	(AM) (PM)	
					OBSERVE	ED SURFACI	E DATA			Durat	ion of Shut-i	n_42	Hours	
Static / Dynamic Property	Orifice Size (inches)	ize Prover Pressure in		lemperature lemperature		(P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)		
Shut-In		F-13 (1 m)				psig 411	psia	psig 115	psia	42				
Flow	.750	45	6			60		60		24	23 BS		sw	
	· ·	· · · · · · · · · · · · · · · · · · ·	<u></u>	. i	FLOW STE	REAM ATTR	IBUTES	<u> </u>	T				·	
Plate Coeffiec (F _b) (F Mcfd	ient	Circle one: Meter or Prover Pressure psia	Press Extension	Grav Fact F _s	or	Flowing Temperature Factor F ₁₁		ation ctor	Metered Flow R (Mcfd)	w	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
							ī		57		57,000:1	·		
(P)2 ~		(P _w) ² =	-	(OPEN FLO		/ERABILITY % (F) CALCUL ² c - 14.4) +		· .		(P _a) ² (P _d) ²	= 0.20	7	
$\frac{(P_{c})^2 = \underline{_{c}}}^2}{(P_{c})^2 \cdot (P_{c})^2}$			Choose formula 1 or 2			Backpressure Curv		۲ ٦		. (0)		Open Flow		
or (P _c) ² - (P _d) ²		. w/	2. P _c ² - P _d ² divided by: P _c ² - P _w ²		formula 1 or 2 and divide by:		Slope = 11 or Assigned Standard Slope		n x LOG		Antilog		Deliverability Equals R x Antilog (Mcfd)	
							٠.							
• .							•							
Open Flow Mcfd @ 14.65 psia						Deliverability Mcfd @ 14.65 psia					· · · · · · · · · · · · · · · · · · ·			
		ed authority, o				-	* A	make t	he above repo Decem	1.	that he has	s knowl	edge of	
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·				1 T		la	TWO	bes	elle	- PI	CEIVED ORATION CON	
		Witness (f any)	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			-0		. For (Company	AGAMON			
	•	For Comm	ission			· -			Che	cked by		JAN	<u>21 20</u> 1	

	under the laws of the state of Kansas that I am authorized to request 04 on behalf of the operator Messenger Petroleum, Inc.
and that the foregoing pressure inform	ation 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 ty	pe of completion or upon use being made of the gas well herein named.
I hereby request a one-year exempt	tion from open flow testing for the McIntire C1
gas well on the grounds that said well:	
is on vacuum at the p	
I further agree to supply to the best staff as necessary to corroborate this c	t of my ability any and all supporting documents deemed by Commission
	g
Date: December 29, 2010	
	Signature: And Wellowy
	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 the signed and dated on the front side as though it was a verified report of annual test results. KANSAS CORPORATION COMMISSION

JAN 21 2011