KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: , ·				(See Instruct	tions on Rev	rerse Side) .			·		
Op	en Flov	٧			Test Date				ΔDI	No. 15				
De	liverabi	lty			June 12					-22145	∞)		
Company Messenger Petroleum, Inc.							Lease Neville			B-1	Well N	lumber		
County Kingman			Location C SE N		Section 5		TWP 29S		RNG (E/W) 8W			Acres Attributed 320		
Field Garlisch SW				Reservoir Mississippi				Gas Gathering Connection West Wichita Gas Gathering				-		
Completion 2008	on Date	le			Plug Back Total Dept 4518		th	Packer Set at		et at		-		
Casing Size 4-1/2			Weigh 10.50		Internal Diameter		Set at 4577		Perforations 4167		To 417	0		
Tubing Size 2-3/8			Weigh 4.7#	l .	Internal Dia		iameter Set a		Perforations 4224		To 422			
Type Cor		(De	scribe)		Type Flui Salt W	d Production	n ./			it or Traveling	Plunger? Ye	s / No		
Producing Thru (Annulus / Tubin Annulus) % Carbon Dioxide .00086			de		% Nitrog	en ,		Gas Gravity - G _g		
Vertical Depth(H)							sure Taps				(Mete		Prover) Size	
4167					- · · · · · ·	Flan					2"			
Pressure Buildu			Shut in <u>6-1</u>	2	0_10_at_7	30	(PM)				10 at 730		(AM)(PM)	
Well on L	.ine:	5	Started 6-16	2	0 <u>10</u> at _7	, , , , , , , , , , , , , , , , , , ,	(AM) (PM)	Taken		20	at		_ (AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Sh	ut-in 96	6 Hour	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu		Flowing Well Head Temperature t t		(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	Shut-In		psig (Pm)	Inches H ₂ 0			486	psia	psig psia		96			
Flow .500			68	12			110		110		24	21	1 BSW	
	-			 	···	FLOW STR	EAM ATTRI	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	Grav Fac F	tor 1	Flowing femperature Factor F ₁₁	Fa	iation ictor	Metered Flow R (Mcfd)	v GC (Cubic Barr	Feet/	Flowing Fluid Gravity G _m	
								-		44	44,000:	:1	-	
					(OPEN FL	. ,	ERABILITY)			•		$P_a)^2 = 0.$.207	
P _c) ² =		=:	(P _w) ² =	Choose formula 1 or 2	P _d =		% (P	- 14.4) +	14.4 =	 :, ,	(F	P _d) ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		 P_c² - P_a² P_c² - P_d² 	LOG of formula 1. or 2. and divide	formula 1. or 2. and divide P2-P2		Backpressure Curve Slope = "n" or Assigned Standard Slope		.og []	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				divided by: $P_c^2 - P_w$	by:		Starius	зга оюре						
		-								-				
Open Flow Mcfd @ 14.65 psia Deli						Deliverab	ability Mcfd @ 14.65 psia							
The	undersi	gned	authority, or	n behalf of the	Company, s	states that h	e is duly au	thorized t	o make th	e above repo	rt and that he	has kno	wledge of	
ne facts s	tated th	nereii	n, and that sa	aid report is true	e and correc	t. Executed	this the	29	day of	Decem	ber		, 20 10	
			Witness (i	f any)	-		· <u>·</u>	So	~	The Vi	Company Company	~5~		
							-						RECEIV	
	1		For Comm	ission .						Chec	ked by			

JAN 20 2011

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 Messenger Petroleum, 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 Neville B-1
gas well 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
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this claim for exemption from testing.
Date: December 29, 2010
Signature: for the Box of
Title: President
Title: Flesiderit
4,

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 hust be signed and dated on the front side as though it was a verified report of annual test results.

JAN 2 0 2011