Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

íype Test:				(-	See Instruc	tions on Re	verse Side,)				
Ope	n Flow			Test Date	··			ΔPI	l No. 15			
✓ Deli	iverabilty			8-14-1				15	-017-20,84	5 <i>- 0</i> 00	\mathcal{C}	
Company	Range	Oil Comp	any			Lease Palme	r			1	Well Nu	ımber
County Location Chase 1850' FSL & 765' FEL			Section 9		TWP 20S		RNG (E/W) 7E		Acres Attributed			
field NESE			Reservoir Tecumseh sand				Gas Gathering Connection American Energies Pipeline, LLC					
ompletio 1-1-03				Plug Back 835'	k Total Dep	th		Packer (Set at			RECEN
Casing Size Weight 5 1/2" 14#			Internal Diameter			Set at P 1770' 7		orations ;'	то 752'		AUGAO	
ubing Siz One	ze	Weigh	nt	Internal C	Diameter	Set a	at		orations	То	Kı	RECEIV AUG 1-8 CC WICI
pe Com erforati	pletion (D	escribe)		Type Fluid	d Productio	n		Pump U	nit or Traveling			
Producing Thru (Annulus / Tubing) casing only				% Carbon Dioxide 0.04				% Nitrog 30.86		Gas Gravity - G _e 0.6968		
ertical De		•		0.04	Pres	sure Taps		30.66				rover) Size
					flanç	•				3 inc		
ressure l	Buildup:	Shut in 8-1	3 20	11 at 10	0:00	(AM) (AM)	Taken 8-	14	20	11 at 10:00)	(AM) (****)
ell on Li		Started 8-1	4 20	11 at 1		(AM) (TO)			20	11 at 10:00	١	(AM) (AM)
					OBSERVE	D SURFAC	E DATA	,		Duration of Shu	_{it-in} 24	Hours
Static / ynamic roperty	nic Size Prover Pressure in		Flowing Well Head Temperature t		Wellhead (P _w) or (F	Casing Wellhead Pressure (P _w) or (P ₁) or (P _q)		Tubing ead Pressure or (P ₁) or (P _c)	Duration Liq (Hours)		quid Produced (Barrels)	
Shut-In		psig (Fili)	inches H ₂ 0			235	psia	psig	psia	24		
Flow	0.625			60	60	207				24	nor	ne
					FLOW STI	REAM ATTR	IBUTES					
Danie Barres		Press Extension	Gravity Factor F _o		Flowing Temperature Factor F ₁₁	Deviation Factor F _{pv}		Metered Flor R (Mcfd)	(Cubic Fe		Flowing Fluid Gravity G _m	
									90			
c)² =	:	(P)2 =	· :	(OPEN FL		/ERABILITY % (I	/) CALCUL P _c - 14.4) +		:		$(a_a)^2 = 0.2$ $(a_a)^2 = $	207
$(P_{\alpha})^2 - (P_{\alpha})^2$ or $(P_{\alpha})^2 - (P_{\alpha})^2$		$ \frac{(P_{e})^{2} - (P_{w})^{2}}{(P_{c})^{2} - (P_{w})^{2}} = Choose formula 1 or $		LOG of formula 1. or 2. and divide p 2. p 2		Backpressure Curve Slope = "n" Or Assigned Standard Slope		e n x 100		Antilog Open Flow Deliverability Equals R x Antil (Mctd)		liverability s R x Antilog
open Flov	<u> </u> ~		Mcfd @ 14.	65 psia		Deliveral	bility		90	Mcfd @ 14.65 g	osia	
		ed authority o			states that		·	o make t		ort and that he		viedne of
	•		aid report is true	. •		· .	_		August		mas knov	·
								Im	m.)	Tadhan	<u>~</u>	
		Witness	(if any)						For	Company		

and that the foreg	going pressure inform	nation and state	ments contained on	this application form a	are true and
of equipment insta I hereby reque	allation and/or upon ty	ype of completion otion from open fl	or upon use being m	tion summaries and le nade of the gas well he Palmer */	rein named.
•	is a coalbed methan is cycled on plunge is a source of natur is on vacuum at the is not capable of pr	er lift due to water al gas for injection present time; KC oducing at a dail ast of my ability ar	in into an oil reservoi C approval Docket N y rate in excess of 29 y and all supporting	lo	by Commission
Date: <u>8-17</u>	-)/	Signature: _ Title: _	John) Exploration	M. Wacken	RECEIV AUG 1 8 KCC WICK

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.