KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test					((See Instru	ctions on Re	everse Side	9)				
✓ Open Flow			Test Date:				API	No. 15					
	liverabi	ity ——			11-01-1	1			077	7-21599-00-0		and the second contract of the second	
Company Union Va		etro	leum Corpor	ation			Lease Bollma	n			3-4	Well Number	
County Harper			Location C SWSW	-	Section 4		TWP 34S			(₩)		Acres Attributed 160	
Field Anthony					Reservoi Mississ				Gas Gat Atlas	thering Conne	ction	RECL	WED
Completic 02-12-08)			Plug Bac 4554	k Total De	pth		Packer S none	Set at			4 2012
Casing Si	ize	*************	Weight 11.6		Internal I 3.996	Diameter	Set 45 7		Perfo 450	rations 6	To 4514	KCC W	
Tubing Si	ize		Weight		Internal I	Diameter	Set		Perfo	rations	То		ICHIIA
2.375 Type Con	npletion	(De	4.7			id Productio	446 on)5		nit or Traveling	Plunger? Yes	/ No	
single Producing	a Thru	(Ann	ulus / Tubing)		water/	OII Carbon Dio:	xide		% Nitrog	ng unit	Gas Gr	avity - G	
Annulas			3,		.1605			4.51		_			
Vertical D	epth(H)				Pre	ssure Taps				(Meter F	Run) (Prover) Size	
Pressure	Buildup); S	Shut in	1 2	0 11 at 8	45 am	(AM) (PM)	Taken 11	I-02	20 _	11 _{at} 845 an	n (AM) (PM)	
Well on L	ine:	5	Started	20	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
<u>.</u>						OBSERV	ED SURFAC	E DATA			Ouration of Shut-i	in Hours	
Static / Dynamic Property	Orific Size (inche	,	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead (P _w) or ($(P_{c}) \text{ or } (P_{c})$ $(P_{w}) \text{ or } (P_{c})$ (Hours)		Liquid Produced (Barrels)			
Shut-In			poig (i iii)	1101103 1120			psig	410	psig	psia		-	
Flow													
						FLOW ST	REAM ATT	RIBUTES					
Plate Coeffice (F _b) (F Mcfd	ient		Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m x h	Gra Fac F	tor	Flowing Temperature Factor F _{rt}	Fa	iation ctor py	Metered Flow R (Mcfd)	GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G _m	
					(0.05), 5:								
(P _c) ² =		_:	(P _w) ² =	<u> </u>	OPEN FL		VERABILIT' _% (P _c - 14.4) +		:	(Pູ)² (P _ປ)²	2 = 0.207 2 =	
(P _c) ² - (I or (P _c) ² - (I		(P)² · (P _w)²	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ 2. $P_c^2 - P_d^2$ ided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	A	essure Curve ppe = "n" or ssigned dard Slope	n x l	rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	w			Mcfd @ 14.	65 psia		Delivera	bility		, N	lcfd @ 14.65 psi	a	
			n, and that said	l report is true				_ //	'	ecember	and that he had	s knowledge of, 20 12	
			Witness (if a				I		·	For Co			
			For Commiss	ion						Check	ed hv		

exempt status und and that the foreg correct to the best of equipment insta	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Union Valley Petroleum Corporation oing 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 llation and/or upon type of completion or upon use being made of the gas well herein named.
gas well on the gro	ounds that said well:
	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 12-12-12	
	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.