## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				6	See Instruci	tions on Ret	verse Side,	)				
<b>√</b> Op	en Flov	V			<b>*</b>		/ /		451	No. 45			
De De	liverabi	lty			Test Date	" 91	12/1	012	155	No. 15 -21271 - C	0-00		
Company Hesse P		um (	Company, L	LC	•	-//	Lease Bowen				2	Vell Nur	nber
County Location Reno N/2 NW/4			Section 29		TWP 23S			W)	Acres Attributed 80		tributed		
Field Zenith Peace Creek				Reservoir Viola	Reservoir Viola			Gas Gathering Connection West Wichita Gas Gathering					
Completion Date 1991				Plug Back Total Depth 3825'			Packer Set at N/A						
Casing Size Weight 5 1/2" 14#			1	Internal Diameter			Set at 3851'		rations 8'	To 3668'			
Tubing Size Weight 2 3/8"			Internal Diameter Set at 3687'				Perfo	rations	То	То			
Type Con Gas	npletion	) (De	escribe)			d Production	n			nit or Traveling ing Unit	Plunger? Yes	/ No	
Producing	g Thru	(Anr	nulus / Tubing	)	% C	arbon Dioxi	ide		% Nitrog	en	Gas Gr	avity - G	9
Annulus	8												
Vertical D	epth(H	)				Pres	sure Taps				(Meter F	iun) (Pro	over) Size
Pressure	Bulldu	p: :	Shut in	127 2	0/2 at /	11:50	(AM) (PM)	Taken 2	1/28	20	12 at 11:5	ō (	(PM)
Well on L	lne:		/	2			$\smile$				at	•	AM) (PM)
						OBSERVE	D SURFACE	E DATA			Duration of Shut-	in	Hours
Static / Orific		- Maier		Pressure Differential in	Flowing Temperature	Well Head Temperature	Wellhead	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>a</sub> )		Fubling and Pressure r (P <sub>r</sub> ) or (P <sub>a</sub> )	Duration (Hours)	Uquid Produced (Barrels)	
Property	(inch	86)	psig (Pm)	Inches H <sub>2</sub> 0	t	t	psig	psis	peig	psia	(1.00.2)	,''	
Shut-In						650	95	109.4			24		
Flow													
						FLOW STF	REAM ATTR	BUTES	,		<u> </u>		
Plate Coefflectent (F <sub>s</sub> ) (F <sub>p</sub> ) Mctd		Pro	Circle one: Meter or over Pressure psia	Press Extension  Pmxh	racio		Flowing Temperature Factor F <sub>ft</sub>		eviation Metered Flo Factor R F <sub>pv</sub> (McId)		N GOR (Cubic Fe Barrel)	ev .	Flowing Fluid Gravity G <sub>m</sub>
	l											- 1	
( <b>P</b> <sub>a</sub> ) <sup>2</sup> =		;	(P <sub>w</sub> )² =	:	(OPEN FL	• •	/ERABILITY % (f	) CALCUL P <sub>4</sub> - 14.4) +		:	(P <sub>a</sub> ) <sup>;</sup> (P <sub>d</sub> ) <sup>;</sup>	s 0.20	)7
			1	Choose formula 1 or 2	<u> </u>		Т.	ssure Curve	T	г л		ľ	en Flow
(P <sub>a</sub> )2 - (I	P_)2	(F	P <sub>*</sub> ) <sup>2</sup> - (P <sub>*</sub> ) <sup>2</sup>	1, P <sub>a</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>	LOG of formuta		Sto	pe = "n" - or	пx	LOG	Antilog	Deliv	erability
(P <sub>e</sub> )2 - (	P <sub>a</sub> }2			2. P.2. P.2	1. or 2. and divide by:	P.2.P.2	As	signed lard Slope					Fix Antilog   Mcfd)
<u> </u>				strided by: P <sub>s</sub> <sup>2</sup> - P <sub>s</sub>	- by.	الت الت	Statist	iaru Siupe				·	
												<del> </del>	
Open Flow Mcfd © 14.65 psla Deliverability						oility	Mctd <b>②</b> 14.65 psta						
<u> </u>		mno	1 authority or		·····	itataa ihai l			n make #	na abhua ras	ort and that he ha		edge of
		_	_	lid report is tru	e and correc	t. Executed	-	20	day of	. / /	mbel.	) . 2	to <u>12</u> .
	<u></u>		Witness (i	t eny)			-			For	Company		
			For Comm	ission		1\U	V <b>21</b> 20	114	<u> </u>	Chi	icked by		

CONSERVATION DIVISION WICHITA, KS

I declare under penalty of perjury under the laws of the state of Kan exempt status under Rule K.A.R. 82-3-304 on behalf of the operator and that the foregoing pressure information and statements contained of correct to the best of my knowledge and belief based upon available production of equipment installation and/or upon type of completion or upon use being I hereby request a one-year exemption from open flow testing for the gas well on the grounds that said well:	n this application form are true and action summaries and lease records made of the gas well herein named.
is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reserving on vacuum at the present time; KCC approval Docker is not capable of producing at a daily rate in excess of	t No 250 mct/D
staff as necessary to corroborate this claim for exemption from testing.  Date: $\frac{1}{20/2012}$	
Signature: Title: Tseric	

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.