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

Type Test:	;			,	(See Instru	ictions on F	Reverse Sid	le)					
<b>√</b> Ope	en Flow			Test Da	to. +			_ Adir	No. 15				
Del	iverabilty	t .		iesi Da	- 12	-//-,	2013		-21496 - <b>Q</b> (	000			
Company lesse Pe	etroleur	n Company,	LLC			Lease Boeke	n		•	1-27	Well Number		
County Location Reno SW/4		Section 27		TWP 24S		RNG (E/W) 9W			Acres Attributed 40				
Field Plevna			Reservo Mississ			Gas Gathering West Wichita							
Completion Date				Plug Back Total Depth				Packer S N/A	et at				
Casing Size Weight 1/2" 14#			Internal	Diameter	Set at 3933'		Perforations 3802'		то 3820'				
Tubing Size Weight 2 3/8"			Internal	Diameter	Set at 3842'		Perforations		То				
Type Completion (Describe) Oil & Gas				Type Fluid Production Oil & Saltwater				Pump Unit or Traveling Pumping Unit			Plunger? Yes / No		
		nnulus / Tubir	ng)	% Carbon Dioxide				% Nitrogen Gas Gravity - G					
Annulus /ertical De	epth(H)				Pres	ssure Taps				(Meter	r Run) (Prover) Size		
ressure B	Zulfdum:	Shut in /	2/10 0	10 LB at 1	12:10	(AM) FOM	) Taken	12/11	20.4	13 - 12:	10_ (AM) FM)		
vessure c	•					_					(AM) (PM)		
			-										
Statin / Oritina Circle ons: Pressure Significa Well Ma						/ED SURFACE DATA Casing			Duration of Shut-in				
ynamic	Size Prover Pressure in		Differential in Inches H <sub>2</sub> 0	Temperature Temperatur		I WAIDAAA Deaacuea		Wellhead Pressure (P <sub>w</sub> ) or (P <sub>c</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In					240	160	174.4			24			
Flow		<u></u>											
			· · · · · · · · · · · · · · · · · · ·	<del></del>	FLOW STR	EAM ATTR	RIBUTES		_				
Plate Coeffiecier (F,) (F,) Mcfd		Oircle one: Meter or over Pressure psia	Press Extension ✓ P <sub>m</sub> xh	Grav Fact F <sub>g</sub>	or 1	Flowing remperature Factor F <sub>II</sub>	Fac	ation otor	Metered Flow R (Mcfd)	GOR (Cubic Fo Barret)	eet/ Fluid		
	ļ			(OPEN FLO	DW) (DELIV	ERABILITY	) CALCUL	ATIONS					
a)2 =	<del></del> :	(P <sub>w</sub> ) <sup>2</sup> =	: Choose formula 1 or 2:	P <sub>d</sub> = _			, <sub>a</sub> - 14.4) +		;	(P <sub>a</sub> )	) <sup>2</sup> = 0.207 ) <sup>2</sup> =		
$(P_c)^2 - (P_a)$ or $(P_c)^2 - (P_d)$		(P <sub>a</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>a</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>a</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> divided by: P <sub>a</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n"Or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
				<u> </u>							<u> </u>		
en Flow			Mcfd @ 14.6			Deliverab				ofd @ 14.65 ps			
			behalf of the did report is true				224	make the	above report	and that he ha	knewledge of		
		, w 11/01 <b>6</b> /0					₹,	ـــــــــــــــــــــــــــــــــــــ	IJ)		KCC WICI		
		Witness (if	eny)			_			For Corr	peny	DEC 23 2		
·····		For Commis	eion	·	<del></del>	_			Chacke	d by	<u>UEL (3 4</u>		
							•			•	RECEIV		

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 Hesse Petroleum Company, LLC
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
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: 12/20/2013
Signature:  Title: Partner

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.

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