KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			((See Instru	ctions on Rev	verse Side)				
	en Flow			Test Date	B: جار	,,,,	מני	ΑP	l No. 15			
Del	iverabilty				12	-11-2	0/3		5-21338 - 0 0	200		
Company Hesse P		n Company, L	TC			Lease Ferguso	ก			11	Well Number	
County Location Reno NE/4			Section 28		TWP 24S			RNG (E/W) 9W		Acres Attributed 160		
Field Pievna				Reservoi Mississi			Gas Gathering C West Wichita G					
Completion Date 1994				Plug Bac 3933'	k Total De	pth	Packer Set at		Set at	· · · · · · · · · · · · · · · · · · ·		
Casing Size Weight 4 1/2" 10.5#			Internal I	Diameter		Set at 3976'		Perforations 3798'				
Tubing Size Weight 2 3/8"				Internal [Diameter		Set at 3687'		orations	То		
Type Completion (Describe) Gas				Type Flui Saltw	d Productio	on	Pump Unit or Trav Pumping Unit					
Producing Thru (Annulus / Tubing)				% C	arbon Dio	xide	% Nitrogen			Gas Gravity - G		
Annulus Vertical De						ssure Taps					Run) (Prover) Size	
Pressure I		Shut in	2/10 2	o <i>B</i> at _		(AM) (PM) :		12/1		<u>B</u> at <u>11.4</u>	(AM) (PM) (AM) (PM)	
					OBSERV	ED SURFACE	DATA			Duration of Shut-	-in Hours	
Static / Dynamic Property	Orifice Size (inches)	Size Meter Diff		Flowing Temperature t	Well Head	Casin Wellhead F (P _*) or (P _t	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing ead Pressure r (P _t) or (P _e)	Ouration (Hours)	Liquid Produced (Barrels)	
Shut-In		poig (t m)	Inches H ₂ 0		240	990 A	psia 404.4	psig	psia ·	24		
Flow				<u>.</u>								
		Circle ane:		·	FLOW ST	REAM ATTRI	BUTES				Clauser	
Plate Coeffiects (F _b) (F _p Mcfd		Meter of rover Pressure psia	Press Extension	Grav Fact F _g	tar	Flowing Devi. Femperature Factor F		tor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	(Sequity)	
						<i></i>	1					
P _c) ² =	:	(P _w) ² =_	:	(OPEN FLO		VERABILITY) .% (P.	CALCULA , - 14.4) +		:	(P _s) ⁻ (P _d) ⁻	² = 0.207 ² =	
(P _c)² - (P _c or (P _c)² - (P _c		$(P_c)^2 - (P_w)^2$ Choose ton 1. P_c^2 2. P_c^3 divided by:		LOG of formula 1. or 2. and divide P 2. p		Backpressure Curvi Siope = "n" 		nx	rog [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
						<u> </u>					:	
Open Flow	pen Flow Mcfd @ 14.65		5 psia		Deliverabili	Deliverability		Mofd @ 14.65 ps		<u> </u>		
		ad guthoribe on		· .	tatee that i			.make.		t and that he ha		
	•	en authority, on ein, and that sai		, ,		•	Toch	lay of		Sel-	, 20 <u>3</u> .	
		Witness (if i	env1			_			9000	mpany	KCC WIG	
		**************************************	···!/					/	, FOLGO	Trapped 19	BPA 4 4	
	,	For Commis	sion					(Check	ed by	DEC 23	

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
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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.

State of

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