Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:					(See Instru	ctions on Re	everse Side	e)			
	en Flow liverabilty			Test Dat	ie: 12	-11-2	2013		² 1 No. 15 5-21444 ~ 0 0	700	
Company Hesse Pe	etroleum	Company, I	LLC			Lease Calvin				1-21	Well Number
County Location Reno NE/4			Section 21		TWP 24S			E/W)		Acres Attributed	
Field Plevna			Reservo			Gas Gathering C West Wichita G					
Completion Date 2000				Plug Bac 4170'	ck Total De	pth	h Packer Set at N/A		Set at		
Casing Size Weight 5 1/2" 14#			Internal Diameter			Set at 4222'		orations 32'	то 3794'		
Tubing Size Weight 2 7/8"			Internal	Diameter		Set at Perforations 3835'		orations	То		
The state of the s					ype Fluid Production Saltwater				Pump Unit or Traveling Plunger? Yes / No Pumping Unit		
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide			% Nitrogen			Gas Gravity - G _g	
Vertical De					Pre	ssure Taps				(Meter	Run) (Prover) Size
Pressure E Well on Lir										<i>B</i> at	
					OBSERV	ED SURFAC				Duration of Shut-	-inHours
Static / Dynamic Property	Orifice Size (inches)	Circle ana: Meter Prover Pressu psig (Pm)	Meter Differential Prover Pressure in		Flowing Well Head Temperature t t		(P_w) or (P_t) or (P_c)		Tubing ead Pressure or (P _c) or (P _a)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In		, - · · · · · · · · · · · · · · · · · ·			240	275	psia 2 <i>894</i>	psig	psia	24	
Flow						<u> </u>	· 				
Plate		Circle one:	8,,,,,			Flowing	IBUTES			·	Flowing
Coeffiects (F _b) (F _p) Mofd		Meter or over Pressure psia	Press Extension	Grav Fact	tor	Temperature Factor F.,		ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/ Fluid
									_		
						ERABILITY)					² = 0.207
P _o) ² =:		(P _w) ² = :		P _d =%		6 (P _e - 14.4) + 1 Backpressure Curve		14.4 =; ;		(P _d):	
$(P_c)^2 - (P_n)^2$ or $(P_o)^2 - (P_d)^2$		P _c) ² · (P _w) ² 1. P _c ² - P _d ² 2. P _d ² - P _d ² divided by: P _c ² - P _w ²		LOG of farmula 1. or 2. and divide by:		Slope = "n"		nxt	rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
						<u> </u>					
Open Flow			Mcfd @ 14.6	<u> </u>		Deliverabi			_	fcfd @ 14.65 psi	
			behalf of the (d report is true				4 rl.	make th	above report	and that he ha	knowledge of
		Witness (If a					(4, 6, 2	11		KCC WIC
		For Commis	•••			_			For Co Check		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

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.