KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	_				(5	See Insti	ruction:	s on Re	verse Side)					
✓ Open Flow				Test Date:					API No. 15						
Deliverability				14 October 2011				100	155-21304 - OOO Well Number						
Company Hesse Pe	troleu	ım C	Company, LL	.c				Lease Roach				1			
County Location Reno SW/4			ח	Section 27			24S 9W		•	160		Attributed			
Field Plevna				Reservoir Mississippi					Gas Gat West V	ection Sathering		···			
Completion Date 1994				Plug Back Total 3737'			epth	th F		Packer \$	Set at				
Casing Size 4 1/2"			Weight 10.5#		Internal Diamete		r Set at 3985'			Perforations 3786'		то 3805'			
Tubing Size 2 3/8"			Weight		Internal Diameter			Set at 3837'		Perforations		То	То		
Type Completion (Describe) Gas					Type Fluid Production Saltwater					Pump Unit or Traveling Pumping Unit		Plunger? Yes / No			
Producing Thru (Annulus / Tubing)					% Carbon Dioxide			~~~	· 7 7	% Nitrogen		Gas Gre	Gas Gravity - G		
Annulus Vertical D)				ρ	ressur	re Taps				(Meter F	Run) (P	rover) Size	
Pressure Well on Li		,	Shut in		o// at <u>-</u>) at		(A	AM) (PM)	Taken			at		(AM) (PM)	
Static / Dynamic Property	namic Size		Prover Pressure In		Fiowing Temperature t	Flowing Well Head Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _s)		Tubing Wellhead Pressure (P _u) or (P _t) or (P _e)		Duration Liquid Product (Hours) (Barrets)		d Produced	
Shut-In			psig (Pm)	tnches H ₂ 0	-	15	0	90 80	94,4	psig	psla	24	 		
Flow															
					<u> </u>	FLOW	STREA	AM ATTI	RIBUTES		T			, 	
Ptate Coefflecient (F _p) (F _p) Mctd		Circle one: Mater or Prover Pressure psia		Press Extension P _m xh	Gra Fac F	tor	Ten	lowing nperature Factor F _{it}	F	viation actor F	Matered Flov R (Mcfd)			Flowing Fluid Gravity G _a	
											<u> </u>				
					(OPEN FL							(P _a) ⁻ (P _a) ⁻	2 = 0.2	207	
$(P_a)^2 = {(P_a)^2 - (P_a)^2}$ or $(P_a)^2 - (P_a)^2$		$(P_{\psi})^{2} = (P_{\psi})^{2} = (P_{\psi})^{2}$		1. P ² -P ² 2. P ² -P ²		OG of mula or 2.		% (P _e - 14.4) + Backpressure Curve Slope = "n"		n x Log		Antillog	O De Equal	Open Flow Deliverability Equals R x Antilog	
, .,	•"			Midded by: P _e ² - P _e ³		<u></u>	<u>-</u>	Stan	dard Slope			<u> </u>	-	(Mcfd)	
Open Flow Mcfd 9 14.85 psia								Deliverability			Mcfd 🗷 14.65 psia				
The	unders			behalf of the					Oth	to make	the above repo	ort and that he ha	s knov	20 //	
			Witness (if	any)							For	Company		RECEI\	
			For Commi	ssion			-				Che	icked by		NOV 0 9	

I declare under penalty of perjury under the laws of the state of Kansas that I am auth exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Hesse Petroleum Compand that the foregoing pressure information and statements contained on this application for the statements contained on the statements.	any, LLC
correct to the best of my knowledge and belief based upon available production summaries a of equipment installation and/or upon type of completion or upon use being made of the gas we have been 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 deer staff as necessary to corroborate this claim for exemption from testing. Date:	ned by Commission
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.