KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:						(See In	struci	tions on Rev	erse Side)	1			
√ 0;	pen Flo	W				Test Dat					. 45	i No. 15			•
De	eliverab	ilty				iesi Dai	". /.	2-	-11-26	013		5-21391 ~00	00		
Compan Hesse F		um	Company,	LLC				•••••	Lease Dilloก				1	Well N	lumber
County Location Reno SE/4				Section 27				TWP 24S		RNG (E/W) 9W		Acres Attributed 160			
Field Plevna				Reservoi				Gas Gathering (West Wichita C					<u> </u>		
Completion Date				Plug Bad 3910'		Dept	h F		Packer Set at						
Casing Size Weight 5.1/2" 14#				Internal Diameter			or Set at 3909'			Perforations 3803'		то 3817'			
Tubing Size Well 2 7/8"				ıt	••	internal	Internal Diameter			Set at 3820'		Perforations		То	
Type Cor	npletio	ı (De	escribe)		<u></u>	Type Flu						nit or Traveling	Plunger? Yes	/ No	
Gas Producing Thru (Annulus / Tubing)						Oil & Saltwater % Carbon Dioxide				Pumping Unit % Nitrogen Gas				G	
Annulus					,,,,	/a Carbon Dickids				% Nitrogen Gas Gravity - G _g					
Vertical E)						Press	sure Taps				(Meter	Aun) (f	Prover) Size
Pressure Well on L			Shut in	2/		0 <i>L</i> at _			(AM) (PM) 1 (AM) (PM) 1				<u> </u>		(AM)(PM)
							OBSE	AVE	D SURFACE	DATA			Duration of Shut	-In	Hours
Static / Dynamic Property	ic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure differential in aches H ₂ 0	Flowing Temperature t	Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_l) or (P_c) psig psia		Duration (Hours)		iid Produced (Barrels)
Shut-In			F-0()		2		24	10	90	1044	<i>psig</i>	psia	24		
Flow															
			<u></u>				FLOW	STR	EAM ATTRIE	UTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		E	Press extension P _m xh	Gravity Factor F _g		π	Flowing emperature Factor F _r ,	Deviation Factor F _{ev}		Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
P _e) ² =		_:	(P_)² =		:	(OPEN FL	OW) (D	ELIVE %	ERABILITY) ((P _a	CALCUL/ - 14.4) +		:	(P _s) (P _d)	2 = 0.2 2 =	207
(P _e)² · (F or (P _a)² · (F	<u>-</u>	(P _e) ² - (P _w) ²		Choose formule 1 or 2: 1. P _c ² -P _c ² 2. P _c ² -P _d ² divided by: P _c ² -P _c ²		LOG of formula 1. or 2. and divide by:	P. 1 - P	2 *	Backpressure Curve Slope = "n" or Assigned Standard Slope		nxl	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow	<u> </u> *			Mo	cfd @ 14.6	S5 psia			Deliverabili	tv			icid © 14.65 psi	la.	
·····		ned	authority, on				tates th	nat he	•	· .	make th	_	and that he ha		rledge of
			, and that sa			•			1	sth_	lay of		<u>ee /</u>)	20 13.
			Witness (if	any)								For Co	mpany	KC	C WICH
			For Commi	ssion				****				Checki	/ ed by	m	EC 23 20
				1								STIEGH!	- -,	וט	LU Z J ZU

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Hesse Petroleum Company, LLC
and that the foregoerrect to the best of equipment instance. I hereby requestions.	going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the good that said well:
(Check	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
_	e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
	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.