KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	: en Flow	,				(S		tructio	ons on Rev	erse Side		I No. 15				
Del	liverabil	ty				10	126	///	> .		15	1 No. 15 5-21487 O	o-00			
Company Hesse Po		ım (Company, L	LC		/	7		Lease Dale				1-27	Well Nu	ımber	
County Location Reno NW/4					Section 27					RNG (E 9W	/W)		Acres Attributed 40			
Field Plevna				Reservoir Mississippi						thering Conne Vichita Gas G						
Completion Date 2005			Plug Back Total Depth			1		Packer 3668.5								
Casing Size Weight 5 1/2" 14#				Internal Diameter			Set at 3978'		Perforations 3796'		то 3806'	· -				
Tubing Size Weight 2 3/8"				Internal Diameter			Set a 3666		•		То					
Type Completion (Describe) Gas					Type Fluid Production Saltwater				Pump Unit or Trave Pumping Unit							
_		(Ann	ulus / Tübing)		% C	arbon C	Dioxid	le		% Nitro	gen	Gas Gr	avity - (3 _g	
Annulus Vertical D)					F	Press	ure Taps				(Meter I	Run) (P	rover) Size	
Pressure Well on L);	Shut in	0/26	. 20) <u>/o</u> at	3.'5e) 	(AM) (PM)	Taken:	10/2	<u>7</u> 20	/0 at _350 at	5	(AM) (PM)	
							OBSE	RVE	D SURFAC	E DATA			Duration of Shut	-in	Hours	
Static / Orifi Dynamic Siz Property (inch		Prover Pressure			tial Temperature T		Well H Tempera t		Wellhead (P _w) or (F	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing ead Pressure or (P _t) or (P _o) pala	Duration (Hours)	1 '	Liquid Produced (Barrele)	
Shut-In			psig (Pm)	Inches H	ي ي		67	6	985 985	999.4 399.4	psig	pala	24			
Flow							/				<u> </u>			<u> </u>		
						a debated	FLOW	STR	EAM ATTR	BUTES					1	
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension		racio		Flowing Temperature Factor F ₁ ,		Deviation Factor F _{pv}		Metered Flov R (Mcfd)	y GOR (Cubic Fo	eet/	Flowing Fluid Gravity G _m	
<u> </u>						(OPEN FL	OW) (D	ELIV	ERABILITY) CALCUI	ATIONS	<u>. </u>	(P) ² = 0.:	207	
(P _c) ² =		_:	(P _w) ² =		:	P _d =				P _a - 14.4) -)2 =		
(P _c) ² - (or (P _c) ² - ((F	P _e) ² - (P _w) ²	Choose formula 1 1. P _c ² - P _c 2. P _c ² - P _c divided by: P _c ² -	2	LOG of formula 1. or 2. and divide	P _c ² - P	2 2	Sto	essure Curv pe = "n" - or ssigned tard Slope	۱,	LOG	Artilog	De	Dpen Flow Bliverability Is R x Antilog (Mcfd)	
														1		
Open Flo	pen Flow Mcfd @ 14.85 psia Deliver						bility	Mcfd @ 14.65 psia								
The	unders		d authority, o	n behalf of	the	Company,	t. Exe	cuted	e is duly a		to make	the above repo	ort and that he h	-/	wiedge of , 20 <u>/o</u> .	
			Witness (if any)			NO	<u>V</u> (3 2010			/	Company			
			For Com	nission					•			Che	icked by			

KCC WICHITA

I declare under penalty of perjury un	nder the laws of the state of Kansas that I am authorized to request 4 on behalf of the operator Hesse Petroleum Company, LLC
exempt status under nule N.A.H. 02-3-30	ition and statements contained on this application form are true and
and that the loregoing prossure internet	belief based upon available production summaries and lease records
	e of completion or upon use being made of the gas well herein named.
I hereby request a one-year exempti	on 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 natura	gas for injection into an oil reservoir undergoing ER
is on vacuum at the p	present time; KCC approval Docket No.
is not capable of pro	ducing 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 c	laim for exemption from testing.
Date: 11/2/10	
Date.	
RECEIVED	
NOV 0 3 2010	Signature:
•	Title: Partner /
KCC WICHITA	

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.