## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: en Flow			(	See Instructi	ons on Reve	erse Side	)			
= .	liverabilt	y		Test Date	0/1/	10		API 155	No. 15 -21304 <b>- 00</b>	-00	
Company		m Company II	<u> </u>	/ E	Jul	Lease Roach		,,,,,		<u></u>	Vell Number
Hesse Petroleum Company, LLC  County Location Reno SW/4				Section 27		TWP 24S		RNG (E/W) 9W		Acres Attributed 160	
Field Plevna		044/4		Reservoir Mississi				Gas Gat	hering Conne /ichita Gas C		
Completic 1994	on Date				k Total Depti	h		Packer S	et at		
Casing Size Weight 4 1/2" 10.5#			Internal Diameter		Set at 3985'		Perforations 3786'		то 3805'		
Tubing S 2 3/8"	ize	Weight		Internal [	Diameter	Set at 3837		Perlo	rations	То	
Type Cor Gas	npletion	(Describe)		Type Flui Saltw	d Production ater				nit or Traveling ng Unit	Plunger? Yes	/ No
Producing Annulus		Annulus / Tubing)		% C	Carbon Dioxic	ie		% Nitrog	en	Gas Gra	ivity - G <sub>g</sub>
Vertical C					Press	sure Taps				(Meter F	lun) (Prover) Size
Pressure	Buildup:	Shut in _/C	126 2	0 10 at_	4:00	(AM) (M)	Taken	10/	27 20	10 at 4:0	(AM) (M)
Well on L	.ine:	Started	2	0 at	. 2	(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut-i	nHours
Static / Dynamic Property	Orifice Size (inches	Prover Pressure	1 '	Flowing Temperature t	Well Head Temperature t	Casir Wellhead P (P <sub>w</sub> ) or (P <sub>p</sub>	ressure ) or (P <sub>c</sub> )	Wellhe	fubing ad Pressure · (P <sub>i</sub> ) or (P <sub>o</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Shut-In		' psig (Pm)	Inches H₂0		670	psig 85	99,4	psig	psia	24	
Flow											
<u> </u>					FLOW STR	EAM ATTRI	BUTES				
Plate Coeffied (F <sub>b</sub> ) (F Moto	eient ;,)	Circle one: Meter or Prover Pressure psia	Press Extension Pmxh	Grav Fac F	tor T	Flowing emperature Factor F <sub>1</sub> ,	Fa	lation ctor	Metered Flov R (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G <sub>m</sub>
			·····	(ODEN EI	OW) (DELIVI	EDABU ITV	CALCUI	ATIONS	<u> </u>		
(P <sub>c</sub> ) <sup>2</sup> =		: (P <sub>w</sub> ) <sup>2</sup> =	:	P <sub>d</sub> =		•	, - 14.4) +			(P <sub>a</sub> ) <sup>2</sup> (P <sub>d</sub> ) <sup>2</sup>	= 0.207
(P <sub>c</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>*</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> ided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub>	LOG of formula 1. or 2. and divide	P <sub>2</sub> ·P <sub>2</sub>	Slope	sure Curve e = "n" origned rd Slope	n x	rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flo	w		Mcfd @ 14	.65 psia		Deliverabil	lity			Mcfd @ 14.65 psi	8
		ned authority, on			states that he	e is duly aut	thorized t	o make ti	ne above repo	rt and that he ha	s knowledge of
the facts s	stated the	erein, and that said	i report is tru	e and correc	T. Executed		2	day of	A) N	lovember	, 20 10
		Witness (if a	ny)			- T		_4	For	Company	<u> </u>
		For Commis			<u>NOV 0</u> 3	ZUIU			Che	cked by	

KCC WICHITA

exempt status ur and that the force correct to the be of equipment ins I hereby req	der penalty of perjury under the laws of the state of Kansas that I am authorized to request or the Rule K.A.R. 82-3-304 on behalf of the operator Hesse Petroleum Company, LLC begoing pressure information and statements contained on this application form are true and state of my knowledge and belief based upon available production summaries and lease records stallation and/or upon type of completion or upon use being made of the gas well herein named. The state of the state of the state of the gas well herein named. The state of the
(Che	ck 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
Ī	is not capable of producing at a daily rate in excess of 250 mcf/D
	ree to supply to the best of my ability any and all supporting documents deemed by Commission
Date:	ary to corroborate this claim for exemption from testing.  RECEIVED

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.