KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test					(-	See Instruct	ions on Heve	erse Siae	,				
	en Flo eliverab		21 Hr. S	hut In Te	Test Date	:: 14				No. 15 057-20295 -	0000		
Company	y			170 TO			Lease Hefner				1-24	Well Nu	ımber
County Ford			Locati C-NE-N		Section 24		TWP 27S		RNG (E 22W	(W)		Acres A	Attributed
Field Konda S	Southe	east			Reservoir Huck	•			Gas Gar Oneok	hering Conne	ection		
Completion 2/22/83	on Dat	ie			Plug Bac	k Total Dept	h		Packer \$	Set at			h
Casing S	ize		Weigh 10.5#		Internal E 4.052	Diameter	Set at 5069		Perfo	rations 1	то 4954		
Tubing Si	ize		Weigh 4.70		Internal Diam 1.995				Perforations		То		
Type Completion (Describe)				Type Flui	Type Fluid Production			Pump Unit or Traveling Plunger?			/ No		
Gas & oil Producing Thru (Annulus / Tubing)					Formation water. % Carbon Dioxide			Pumping unit % Nitrogen		Gas Gravity - G			
Annulus	•	Ç		5/	,					,			- g
Vertical D	Depth(F	1)				Pres	sure Taps				(Meter	Run) (P	rover) Size
Pressure	Buildu	p:	Shut in 9/2	6 2	0_14 at_2	:00PM	(AM) (PM)	Taken_9/	27	20	14 at 3:00P	M	(AM) (PM)
Well on L	.ine:		Started	2	0at		(AM) (PM)	Taken		20	at		(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shul	24	Hours
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressi		Flowing Temperature t	Well Head Temperature t	Wellhead P	Casing Wellhead Pressure (P _w) or (P _c)		Tubing ead Pressure r (P,) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0		<u>-</u>	psig 20	psia	psig	psia	KANSAS CORPO	ORATION (1 COMMISSION
Flow							10				DEC	15 7	2014
						FLOW STR	EAM ATTRI	BUTES			CONSERV	ATION D	IVISION
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Grav Fact F _g	or	Flowing femperature Factor F ₁₁	Fa	lation ctor : pv	Metered Flov R (Mcfd)		eet/	Flowing Fluid Gravity G _m
				l.	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P) ² = 0.2	207
(P _c)² =		_:	(P _w) ² =	::	P _d =		% (P _c	- 14.4) +	14.4 = _	:		,) ² =	
(P _e)²- (I or (P _e)²- (I		(F	o _c)²- (P _#)²	Choose formula 1 or 2 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_s^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slope 	sure Curve e = "n" or gned rd Slope	- 1	roe	Antilog	Del Equals	pen Flow liverability s R x Antilog (Mcfd)
									-				
Open Flo	en Flow Mcfd @ 14.65 psia		Deliverability			Mcfd @ 14.65 psia							
		•	•	n behalf of the	, ,,		• -			ne above repo DECEMBER	rt and that he h		viedge of 20
.		-	Witness (5	relley	Case		
	.		For Comm				_			like S	the day	an	

I declare under penalty of perjury under exempt status under Rule K.A.R. 82-3-304 on	the laws of the state of Kansas that I am authorized to rec	luest
	and statements contained on this application form are true	and
correct to the best of my knowledge and belie	f based upon available production summaries and lease rec	ords
	ompletion or upon use being made of the gas well herein na	med.
	m open flow testing for the Hefner #1-24	
gas well on the grounds that said well:	Received KANSAS CORPORATION COMMISSION	
(Check one) is a coalbed methane prod	DEC 15 200	
is cycled on plunger lift du	e to water CONSERVATION DIVISION WICHITA, KS	
is a source of natural gas f	or injection into an oil reservoir undergoing ER	
is on vacuum at the preser	t time; KCC approval Docket No	
is not capable of producing	g 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 Com	missio
staff as necessary to corroborate this claim for	or exemption from testing.	
Date: 12/3/2014		
Sig	nature: Skelley Case	
	Title: WELL OPERATIONS ASSISTANT	

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.