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

Type Test:					ſ	500 Instruc	tions on Hev	erse Sige	"					
	en Flov liverabi				Test Date 12/16/10					No. 15 007-23363-0	0000			
Company WOOLS!		PER	ATING CO	MPANY, LLC		<u>-</u>	Lease HARBAI	JGH			F-1	Well Nu	ımber	
County BARBER			Location 1180' FSL & 2160' FWL		Section 33		TWP 33S		RNG (E/W) 11W			Acres Attributed		
Field RHODES			Reservoir MISSIS				Gas Gathering Conne APC		ection	To ACC W/CH/TA				
Completion Date 10/9/08			Plug Back Total Depth 4902			-	Packer S NONE	Set at		JANON				
Casing Si 1.500	asing Size Weight 500 10.50				Internal I 4.052	Diameter		Set at 4943		rations	To 1 C 1 20,			
Tubing Size 2.375			Weight 4.70		Internal Diameter 1.995		Set at 4664		Perforations OPEN		TO CHIT		CHITA	
Type Completion (Describe) SINGLE				Type Fluid Production WATER				Pump Unit or Traveling Plunger? Yes / No PUMPING						
Producing	•	(Anı	rulus / Tubing	i)	% C	Carbon Diox	ide		% Nitrog	jen	Gas (aravity - (G,	
Vertical D		1)			-	Pres	ssure Taps				(Mete	(Run) (P	rover) Size	
Pressure	Buildu	p:	Shut in	15/10 2	0 at		(AM) (PM)	Taken_12	2/16/10	20	at		(AM) (PM)	
Well on Li	ine:		Started								at		(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shu	ıt-in	Hour	
Static / Dynamic Property	emic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		(P ₊) or (P ₁) or (P ₆)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		,		ld Produced Barrels)	
Shut-In	ıt-in						psig 100	psia	psig 140	psia	24			
Flow														
	- 1					FLOW ST	REAM ATTRI	BUTES			1		1	
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension	Extension Fact		tor Temperature		Deviation Metered Fit Factor R F _{pv} (Mcfd)		(Cubic Feet/ F		Flowing Fluid Gravity G _m	
			_							_				
P _e) ² =		:	(P _w) ² =		(OPEN FL		/ERABILITY) % (P	CALCUL - 14.4) +		•		$\binom{1}{4}^2 = 0.2$	207	
(P _a) ² - (P _a) ² or (P _a) ² - (P _a) ²		(P _e) ² -(P _w) ²		Choose formula 1 or 2: 1. P ₂ ² · P ₂ ² 2. P ₂ ² · P ₂ ² divided by: P ₂ ² · P ₃ ²	LOG of formula 1, or 2, and divide		Backpressure (Slope = "n		n x LOG		Antilog	Oper		
Open Flor	W			Mcfd @ 14.	65 psia		Deliverab	ility		-	Mcfd @ 14.65 p	sia		
		_	•	n behalf of the			-		day of _C	ne above repo	ort and that he		vledge of 20 <u>10</u>	
			Witness (i	fany)			_		Wro	e Walls	Coppeny			
			For Comm	ission			-			Che	cked by			

exempt status und and that the fore correct to the bes	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC going pressure information and statements contained on this application form are true and of 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.
l hereby requ	est a one-year exemption from open flow testing for the HARBAUGH F-1 ounds 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
_	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: Windallangle. Title: FIELD MGR.

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.