KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

_ :	: en Flor liverab					Test Date 9/18/14		tructi	ions on Re	verse Sid		- —. \Pi No 5-00		30-01				
Company WOOLS		PER	ATING CC)MPA	NY. LLC	3/10/14			Lease STERN	15-007-01739-0 Lease STERNBERGER					Well Number A-2			
WOOLSEY OPERATING COMPANY, LLC County Location BARBER E2 SE NE						Section 8			TWP 35S			RNG (E/W)				Acres A	Attributed	
Field AETNA					Reservoir MISSISSIPPIAN			Ga			Gas Gathering Connectic APC							
Completion Date 9/2/04						Plug Back Total Depth 5607			h		Packer Set at NONE							
Casing Si 4.500	ze	Weight 10.50				Internal Diameter 4.052			Set at 4662			Perforations 4892			то 4940			
Tubing Si 2.375	ze	Weight 4.70				Internal I 1.995	Diameter		Set at 4989		Perforations OPEN				То		· · · · · · · · · · · · · · · · · · ·	
					Type Flui OIL, W				Pum			ump Unit or Traveling Plunger?			/ No			
Producing Thru (Annulus / Tubing) ANNULUS							arbon E		de	% Nitrogen				Gas Gravity - G _g				
Vertical D		1)					F	ress	sure Taps						(Meter	Run) (P	rover) Size	
Pressure	Buildu	p: {	Shut in _9/1	17/14	20	at	•		(AM) (PM)	Taken_9	/18/14		20	ai	t		(AM) (PM)	
Well on L	ine:		Started										20	a	l	((AM) (PM)	
							OBSE	RVE	D SURFAC	E DATA				Duratio	on of Shut	:-in	Hours	
Static / Dynamic Property	Orifice Size (inches)		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential . in nches H ₂ 0	Flowing Temperature t	Weli Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		(P,	Tubing Wellhead Pressi (P _w) or (P _t) or (F		Duration (Hours)			Liquid Produced (Barrels)	
Shut-In			, , , ,		2				98	рыа	80		psia	24			-	
Flow																		
	1					1	FLOW	STR	EAM ATTR	RIBUTES		1				<u> </u>	<u> </u>	
Plate Coeffiecient (F _b) (F _p) Motd		Circle one: Meter or Prover Pressure psia		E	Press Grav Extension Fac ✓ P _m x h F		tor Te		Flowing femperature Factor F _{ft}	F.	viation actor F _{pv}	or A		ow GOR (Cubic Feet Barrel)		eet/	Flowing Fluid Gravity G _m	
	ļ																	
(P _c) ² =		:	(P _w) ² :	=	:	OPEN FL = P _d			ERABILITY % (1	') CALCUI P _c - 14.4) -			:) ² = 0.2	:07	
(P _c) ² - (P _e) ² or (P _c) ² - (P _d) ²		(P _e) ² - (P _w) ²		Choose 1. 2.	a formula 1 or 2: $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ $by: P_a^2 - P_w^2$	LOG of formula 1. or 2. and divide by:		2	Backpressure Cu Slope = "n" or Assigned Standard Slope		/e n x í		G [Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flo	w				lcfd @ 14.6	5 psia			Deliverat	bility				Mcfd @	14.65 ps	 sia		
		ignec	d authority, o				states th	at h			to mak	e the	above rep				rledge of	
the facts s	tated t	ḥerei	n, and that s	said re	port is true	and correc	t. Exec	uted	this the 1	5	day of	OC.	TOBER) 	20 <u>14</u> .	
				***				_		Į.	Un	n K	PH	Das	Land Street	/ R sas cori	eceived	
· · · · · · · · · · · · · · · · · · ·			Witness	(if any)									For	Company	100140		2 2 2014	
			For Com	mission									Che	cked by		וטט	L L EU1	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the STERNBERGER A-2 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 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 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 claim for exemption from testing.
Date: 10/15/14
Signature: Win R Hallay A. 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.