KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruc	tions on Re	verse Side	e)				
Op	Open Flow Test Date:							4.01	N- 45			
Delivershills				8/5/11								
Company WOOLSEY OPERATING COMPANY, LLC											Well N	nwper
County Location BARBER NE SE			Section 31		TWP 34S	TWP RNG (E/		W)		Acres	Attributed	
				Reservoir MISSISSIPPI			Gas Gathering Connection ONEOK FIELD SERVICES					
Completion Date 9/30/54				Plug Bac 4970	k Total Dep	th		Packer S NONE	et at			
Casing Size Weight 5.500 14.00			Internal E 5.012	Diameter				Perforations 4782		то 4843		
Tubing Si 2.375	ubing Size Weight .375 4.70		t	Internal Diameter 1.995		Set at 4918		Perforations OPEN		То		
Type Completion (Describe)					Type Fluid Production WATER			Pump Unit or Traveling Plunger? Yes / No PUMPING				
				% C				% Nitroge	Gas G	Gas Gravity - G		
Vertical C					Pres	sure Taps				(Meter	Run) (F	Prover) Size
4813	.	8/4	/11 .	•		/ABA /=- //	- 8/	5/11				(484) (5
Pressure Well on L							, ,				at (AM) (P	
					OBSERVE	D SURFAC	E DATA			Duration of Shu	t-in	Hours
Static / Dynamic Property	Orifice Size (inches	Meter Prover Presso		Flowing Temperature t	Well Head	Well Head Wellhead Temperature (P.) or (F.		Wellhea	ubing ad Pressure (P _t) or (P _c)	Duration (Hours)	Duration Liquid F	
Shut-In		' psig (Pm)	Inches H ₂ 0			psig 10	psia	psig psia		24		
Flow												
					FLOW STR	REAM ATTR	IBUTES		-			
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m xh	Grav Fac F	tor	Tomogratura		riation actor = pv	Metered Flow R (Mcfd)	(Cubic F	GOR (Cubic Feet/ Barrel)	
(P _e) ² =		: (P)² =	::	(OPEN FL	OW) (DELIV		') CALCUL P _e - 14.4) +		:		$()^2 = 0.5$ $()^2 = 0.5$	207
(P _c) ² - (I	·	(P _e) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² -P _a ² 2. P _c ² -P _d ² divided by: P _c ² -P _d ²	LOG of formula 1, or 2, and divide		Backpressure Curve Slope = "n"				Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
								_			 	
Open Flo	w Mcfd @ 14.65 psia			Deliverability		Mcfd @ 14.65 ps			sia			
The	undersigr	ned authority, o	n behalf of the	Company, s		ne is duly a	uthorized t			ort and that he h	nas knov	wledge of 20 11 ECEIVET
		Witness (if any)			-	w	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	For C	Company	DE	C 3 0 20
		For Comm	nission			-	**		Chec	cked by		

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC
and that the fore correct to the bes of equipment inst	going pressure information and statements contained on this application form are true and tof 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. est a one-year exemption from open flow testing for the RATHGE:BER 1-31
(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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 11/12/11	
	Signature: Work Allayse 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.