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

Type Test:	:				(See Instruct	tions on Re	rerse Side)				
= :	en Flo				Test Date) ;			API	No. 15			
Del	liverab	ilty			8/24/12					007-20466-00	-00		
Company WOOLS		PER	ATING CO	MPANY, LLC			Lease KNIGHT	-CONNE	RS		1	Well Nu	mber
County BARBER			Location SW SW NE NE		Section 9		TWP 30S		RNG (E/W) 11W		Acres Attributed		Attributed
Field HARDING				Reservoir INDIAN				Gas Gathering Conn LUMEN ENERGY		etion	Dro		
Completion Date 2/15/77					Plug Back Total Depth		th	ı		Set at		DEC KCC W	
Casing Size 4.500			Weight 10.50		Internal Diameter 4.052		Set at 2946		Perforations 2720		To 2732		ACC MIC
Tubing Size 2.375			Weigh 4.70		Internal C 1.995		Set a		Perforations OPEN		То		
Type Completion (escribe)		Type Flui WATE	d Production	า	Pump Unit or Trave PUMPING			g Plunger? Yes / No		
Producing	•	(Anr	nulus / Tubing))	% C	Carbon Dioxi	de		% Nitrog	en	Gas Gra	avity - (3 ₀
Vertical D		1)				Pres	sure Taps				(Meter F	Run) (P	rover) Size
2726			8/24	1/12				8/	25/12		at		
Pressure Well on Li											at		
**************************************			otartea		V at					20 _	<u> </u>		
			Circle one:	Pressure	1	OBSERVE	D SURFACI		Ι,	1	Duration of Shut-	<u>in</u>	Hours
Static / Dynamic Property	ynamic Size		Meter Prover Pressu psig (Pm)	Differential	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							122		0		24		
Flow												$oxed{oxed}$	
					1	FLOW STR	EAM ATTR	IBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Gircle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F ₁₁	Fa	lation ctor _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
					(OPEN FL	OW) (DELIV	ERABILITY	CALCUL	ATIONS		(5.)		
(P _c) ² =		_:	(P _w) ² =	:	•			, P _a - 14.4) +		:		2 == 0.2 2 =	
(P _c) ² - (F or (P _c) ² - (F		(F	(P _w) ² - (P _w) ²	Choose formula 1 or 2 1. $P_o^2 - P_a^2$ 2. $P_o^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1, or 2. and divide	P _c ² - P _w ²	Stop As	ssure Curve pe = "n" - or signed ard Slope	n x	LOG	Antilog	Del Equals	pen Flow liverability s R x Antilog (Mcfd)
Open Flow Mcfd @ 14.65 psia					Deliverat	ility		Mcfd @ 14.65 psia					
		-	•	aid report is tru			-		day of N	•	and that he ha		rledge of 20 12 .
			For Comm	ission			-			Check	ed by		

	r penalty of perjury under the laws of the state of Kansas that I am authorized to request r Rule K.A.R. 82-3-304 on behalf of the operator <u>WOOLSEY OPERATING CO., LLC</u>
and that the forego correct to the best of equipment instal	oing 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 lation and/or upon type of completion or upon use being made of the gas well herein named.
	unds that said well:
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	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.
	Signature: Mm Mullay (h. 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.