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

Type Test					(See msnuci	ions on nev	erse side	,					
`	en Flov Iiverabi				Test Date					No. 15 07-23297-0	0000			
Company WOOLS		PER	ATING COM	PANY, LLC			Lease Z-BAR	CATTLE	СОМР			Well Nu	ımber 7	
County BARBER			Location 660' FNL & 660' FEL		Section 30				RNG (E/W) 14W			Acres Attributed		
Field AETNA			Reservoir MISSIS				Gas Gathering Conn APC		ection		₹.			
Completion Date 7/7/08				Plug Bac 5403	k Total Dept	h		Packer Set at NONE			40	AN		
Casing Size 4.500			Weight 10.50		Internal Diameter 4.052		Set at 5445		Perforations 4778		To 4862	To 4862		
Tubing Size 2.375			Weight 4.70	,	Internal Diameter 1.995					ations N	То	To 4862 To VC///		
Type Con SINGLE		(De	scribe)		Type Flui WATE	d Production	1	_	Pump Unit or Travel PUMPING		ng Plunger? Yes / No			
Producing	-	(Anr	iulus / Tubing)	<u></u>	% C	arbon Dioxid	de		% Nitroge	n	Gas G	ravity -	G,	
Vertical D 4820)		·		Press	sure Taps				(Meter	Run) (P	Prover) Size	
Pressure	Buildup	o: ;	Shut in11/2	6/10 2	0at		(AM) (PM)	Taken 11	/27/10	20	at		(AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut	1-in	Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		(P _w) or (P _t) or (P _c)		Wellhea	bing d Pressure (P ₁) or (P _c)	Duration (Hours)			
Shut-In							230	P3.0	90	, , , ,	24			
Flow			<u> ·</u>									<u> </u>	-	
						FLOW STR	EAM ATTRI	BUTES	-					
Plate Coefflecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension Pmxh	Grav Fac F	tor T	Flowing Femperature Factor F _{f1}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G	
					(OPEN EL	OW) (DELIV	ERABILITY)	CALCUI	ATIONS					
(P _e) ² =		_:	(P _w) ² =_	:	P _d =	• •		_e - 14.4) +		:		$(x)^2 = 0.2$ $(x)^2 = $	<u></u>	
(P _e) ² - (I or (P _a) ² - (I	P _a) ²	(F	(P _#)² - (P _#)²	1. P _a ² - P _a ² 2. P _a ² - P _a ² vided by: P _c ² - P _a ²	LOG of formuta 1, or 2, and divide	P.2-P.2	Slop	ssure Curve e = "n" or ilgned ard Slope	0.81	og [Antilog	De	pen Flow liverability s R x Antilog (Mcfd)	
						<u>.</u>								
Open Flo	w			Mcfd @ 14.	65 psia		Deliverab	lity			Mcfd @ 14.65 ps	sia		
			I authority, on							CEMBER	ert and that he h		viedge of 20	
			Witness (if a	any)				•		For C	Company			
•			For Commis	sion	-		_		-	Chec	cked by			

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC
	pregoing pressure information and statements contained on this application form are true and
correct to the b	pest of my knowledge and belief based upon available production summaries and lease records
• •	nstallation and/or upon type of completion or upon use being made of the gas well herein named. equest a one-year exemption from open flow testing for the Z-BAR 7
	e grounds that said well:
/Ch	eck one)
,]	is a coalbed methane producer
[is cycled on plunger lift due to water
Ī	is a source of natural gas for injection into an oil reservoir undergoing ER
Ī	is on vacuum at the present time; KCC approval Docket No.
Ī	is not capable of producing at a daily rate in excess of 250 mcf/D
	gree to supply to the best of my ability any and all supporting documents deemed by Commission sary to corroborate this claim for exemption from testing.
stan us noces	sary to correspond to the ordination exemplified from testing.
Date: 12/30/1	0
	Signature: Was Hallayk
	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.