KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Reve	erse Side	15-	077-	2064-	7-00	α	
	en Flov	٧			Test Date	ı:				No. 15		•		
De	liverabi	lty			12/6/10						2000			
Company WOOLSEY OPERATING COMPANY, LLC				Lease McKAIG			7.2	A-1	Well N	umber				
•		Location 990 FSL	on . & 660 FWL	Section 21			TWP 32S		RNG (E/W) 8W		Acres	Attributed		
Field SULLIV	AN				Reservoir STALNA				Gas Gati APC	nering Conn	ection			
Completion Date 2/12/81			Plug Back Total Depth 3762			Packer Set at NONE								
Casing Size 2.875			Weight 6.50	l	Internal Diameter 2.441		Set at 3816		Perforations 3636		To 368	то 3686		
Tubing Si 1.500	Tubing Size 1.500		Weight 2.75		Internal Diameter 1.610		Set at 3716		Perforations OPEN		То			
Type Completion (Describe) SINGLE					Type Fluid Production WATER			Pump Unit or Traveling Plunger? PUMPING			Yes / No			
Producing	•	(Annı	ulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	en	Gas	Gravity -	G _q	
Vertical C)				Press	виге Тарз				(Mete	er Run) (l	Prover) Size	
Pressure	Buildur	 o: S	thut in12/5	5/10 2	0 at		(AM) (PM) 1	Taken_12	2/6/10	20	at		(AM) (PM)	
Well on L	.ine:	s	started								at			
						OBSERVE	D SURFACE	DATA			Duration of Sh	ut-in	Hour	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differentiat In Inches H,0	Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure $(P_w) \text{ or } (P_1) \text{ or } (P_0)$ psig psia			Liquid Produced (Barrels)	
Shut-In				1			105	psia	13	psia	24			
Flow														
			 .			FLOW STR	EAM ATTRIE	BUTES						
Plate Coeffieclent (F _b) (F _p) Mcfd		,	Circle one: Meter or ver Pressure psia	Press Extension P _m x h	Extension Fac		Flowing Femperature Factor F _{ff}	ture Eactor		Metered Flow R (Mcfd)	v GC (Cubic Ban	Feet/	Flowing Fluid Gravity G _m	
					(OPEN EL	OW) (DELIV	ERABILITY)	CALCIII	ATIONS		l			
(P _c) ² =		_:	(P _w) ² =	;	P _d =		•		14.4 =	:		2 _a) ² = 0. 2 _d) ² =	207	
$(P_a)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Chaose formula 1 or 2 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpressi Slope 0 Assig Standard			.0G []	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
												-		
Open Flow Mcfd © 14.65 ps			65 psia	psia Deliverability			Mcfd ② 14.65 psia							
		-	•	behalf of the			•			•	ort and that he	has kno		
			Witness (if	any)			_		Win	Julla For	mpany			
			For Comm	ission			-		-	Che	cked by		····	

exempt statu and that the correct to the of equipment	under penalty of perjury under the laws of the state of Kansas that I am authorized to request s under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC foregoing pressure information and statements contained on this application form are true and best of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the McKAIG A-1
gas well on tl	ne grounds that said well:
(C	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
	agree to supply to the best of my ability any and all supporting documents deemed by Commission ssary to corroborate this claim for exemption from testing.
Date: <u>12/28/</u>	<u>10</u>
	Signature: Was Hallangh. 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.