RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test							(See In	structi	ons on Rev	erse Side)						
= '	en Flo [.] Iiverab					Test Da						No. 15					
						09/06/	13				15-0	07-20758-0	00-00				
Company WOOLS		PER	ATING CO	MP	ANY, LLC				Lease Z BAR C	ATTLE	COMPAN	1Y	•	4	Vell Nu	noer	
County Location BARBER SE SW SW			N	Section 30			TWP RNG (E/ 34S 14W			N)	Acres Attributed						
Field AETNA					Reserve MISSI	oir SSIPPI	AN		Gas Gathering Connec ONEOK FIELD SER								
Completion Date 7/12/79				Plug Ba 4937	ck Total	Depth	1	Packer NONE									
Casing Size Weight 4.500 10.50			Internal 4.052	Diamete	ər	Set at 4968		Perforations 4670		то 4866							
Tubing Si 2.375	Tubing Size Weig 2.375 4.70			ht		Internal Diameter 1.995			Set at 4917		Perforations OPEN		То				
Type Com		n (De	escribe)				uid Prod	uction				it or Traveling	Plunger?	Yes	/ No		
Producing		(Anr	nulus / Tubir	g)		%	Carbon	Dioxid	ie		% Nitroge	en		Gas Gra	avity - G	o c	
Vertical D		1)						Press	ure Taps				((Meter F	Run) (Pr	over) Size	
4863 Pressure	Buildu	p:	Shut in 09	/06	/132	0at_			(AM) (PM)	Taken 09	9/07/13		at		(AM) (PM)	
Well on Li	ine:		Started									20	at	,	(AM) (PM)	
							OBSI	ERVE	SURFACE	DATA			Duration of	of Shut-i	n	Hours	
Static / Dynamic Property	Siz	orifice Size Prover Press nches) Circle one: Meter Prover Press psig (Pm)			Pressure Differential in Inches H ₂ 0	Flowing Temperatu 1	Well F Tempe	rature (P ₊) or (P,		Pressure) or (P _c)	Wellhea (P _#) or	ubing d Pressure (P,) or (P,)	Duration (Hours)			Liquid Produced (Barrels)	
Shut-In			poig (i iii)		monds 1120				psig 60	psia	480	psia	24		<u> </u>		
Flow																	
				.,			FLOW	/ STRI	EAM ATTRI	BUTES	1						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter of Prover Pressure psia			Press Extension P _m x h	Gravity Factor F _g		Flowing Temperature Factor F ₁₁		Deviation Factor F _{pv}		Metered Flor R (Mcfd)	(Cubic Fee Barrel)		et/	Flowing Fluid Gravity G _m	
ĺ																	
(P _c) ² =		_:	(P _w) ² :	=	:	(OPEN F		ELIVE	ERABILITY)	CALCUL - 14.4) +		_:		(P _a) ²	? = 0.2 ? =	07	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _e) ² - (P _w) ²		Choose formula 1 or 2: 1. P _c ² -P _g ² 2. P _c ² -P _d ² divided by: P _c ² -P _w ²		LOG of formula 1. or 2. and divide by:		2 %	Backpres Slop Ass	sure Curve e = "n" origned ird Slope		og	Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flor					Mcfd @ 14.	65 psia			Deliverabi	lity			Mcfd @ 14	4.65 psi	a a		
		igned	d authority, o				states 1	hat he			o make th	e above repo		•		edge of	
		_	•		report is true				-			ECEMBER				20 13	
			Witness	/it on:	w)	<u> </u>			_	W	In L	Alla	ompany		KCC	WICH	
			771111855	(11 823)								7	province of the		_ DE/	. 4.0 004	
			For Com	missio	on				_			Che	cked by		-DE(: 18 20 13	

exempt statu	e 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
correct to the	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 tinstallation 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 _Z-BAR 4 he grounds that said well:
(6	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 Commissessary to corroborate this claim for exemption from testing.
Date: 12/09	/13
	Signature: Win R Hallaugh 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 stated to signed and dated on the front side as though it was a verified report of annual test results.

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