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

iype iest				(See instruc	uons on Heve	8138 31 0 8	")			
	en Flow liverabilt	Test Date: API No. 15									
		y		8/27/12	- · · · ·			15-0	007-01739-0		Shirt his and an
Company VOOLS		ERATING C	OMPANY, LL	С		Lease STERNE	BERGER	₹		A-2	Well Number
County Location BARBER E2 SE NE			Section 8			TWP 35S		W)	Acres Attributed		
Field AETNA			Reservoi MISSIS	r SIPPIAN		Gas Gathering Conn APC		ection	RECEI		
Completion Date 0/2/04			Plug Bac 5607	k Total Dep	th	Packer S NONE		et at			
asing S .500	sing Size Weight 500 10,50			Internal Diameter 4.052		Set at 4662		ations	To 4940	DEC 2 8 KGC WIC	
ubing Si			Internal I	Internal Diameter		Set at 4989		rations N	То	KCC WIC	
Type Completion (Describe) SINGLE					id Productio			Pump Unit or Traveling		g Plunger? Yes / No	
•	,	Annulus / Tubi	ng)	% (Carbon Diox	ide		% Nitrog	ən	Gas G	ravity - G
ANNUL										- (2.2.)	
/ertical D 1916	eptn(H)				Pres	ssure Taps				(Meter	Run) (Prover) Size
ressure	Buildup:	Shut in 8/	26/12	20 at		(AM) (PM)	Taken 8/	27/12	20	at	(AM) (PM)
Vell on L	ine:	Started		20 at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSERVE	ED SURFACE	DATA			Duration of Shut	-inHours
Static / ynamic	Orifice Size	Circle one Meter Prover Pres	Differentia	Flowing Temperature	Well Head	Casir Wellhead P	Casing Wellhead Pressure		ubing ad Pressure	Duration	Liquid Produced
roperty	(inches	psig (Pm) t	t	(P _w) or (P ₁	psia	(P _w) or psig	(P _I) or (P _c)	(Hours)	(Barrels)
Shut-In						92		310		24	
Flow											
		•	•		FLOW ST	REAM ATTRI	BUTES		· '		
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Circle one: Meter or Prover Pressure psia	Press Extension Pmxh	Fac	tor	Flowing Temperature Factor F _{II}	Fa	ation Metered Flo tor R (Mcfd)		GOR (Cubic Fe Barrel)	Gravity
							<u> </u>				
c)2 ==		: (P _w) ²	=:	(OPEN FL P _d =		/ERABILITY) % (P,	CALCUL - 14.4) +		:) ² = 0.207) ² =
(P _c) ² - (I or (P _c) ² - (I		(P _c) ² -(P _w) ²	1. P _c ² -P _d ² 2. P _c ² -P _d ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slope Assi	ackpressure Curve Slope = "n" or Assigned Standard Slope		.og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
			divided by: P _c ² - F	9 2 by:		Gianda	.a oiope		_ 		,,,,,
										100701-7	
Open Flow Mcfd @ 14.65 psia						Deliverability Mcfd @ 14.65 psia					
	_	-	on behalf of th			•			ECEMBER	rt and that he ha	as knowledge of
	 .	Witness	s (if any)				_w	· · · · ·		Company	<u>, </u>
		Far Cor	nmission			_			Chec	cked by	• • • • • • • • • • • • • • • • • • • •

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the STERNBERGER A-2 gas well on the grounds 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
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 12/17/12
Signature: Um K Sullange
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.