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

ype Test:					(5	See Instru	ctions on Heve	erse Side,	,				
	n Flov				Test Date	Test Date: API No. 15							
	iverabi	ity			9/19/12				15-0	07-23462-0	0-00		
ompany /OOLSI	EY OF	PER	ATING CO	MPANY, LLC	:		Lease LOGAN				9-X	Well Number	
ounty Location			Section		TWP	RNG (E/W)		V)		Acres Attribute	ed		
IARBER NW SW SE NW			Reservoir	19 34S			11W Gas Gathering Connection			KE(CEIV		
STRANATHAN					MISSISSIPPIAN						REC DEC	05	
Completion Date 2/1/09				_	Plug Back Total Depth 5095			Packer Se	et at		100 m	* 4 4	
Casing Size Weight			Internal D	Diameter	Set at	Set at		ations	То	-vcc N	/ICH		
.500 10.50			4.052			5130			4878				
ubing Size Weight .375 4.70			Internal D 1.995	Diameter		Set at 4888		ations N	То				
Type Completion (Describe)				Type Flui	Type Fluid Production WATER			Pump Unit or Traveling Plunger? Ye PUMPING			s / No		
ducing	Thru	(Ann	ulus / Tubing	9)	% C	arbon Dio	xide		% Nitroge	n	Gas G	ravity - G	
NUL		11				Des	Topo				(Motor	Run) (Prover)	Cizo
rtical D 76	eptn(H	1)				Pre	essure Taps				(INIBIBI	Hull) (Prover)	312 0
essure	Buildu	p: \$	Shut in9/19	9/12	20 at		_ (AM) (PM)	Taken_9/	20/12	20	at	(AM) (F	PM)
ell on Li	ne:	:	Started	2	.0 at		_ (AM) (PM)	Taken		20	at	(AM) (F	PM)
						OBSERV	ED SURFACE	DATA			Donation of Chic		
Static / Ori		Circle one:		Pressure	Flowing	Well Head	Casir	Casing		ıbing	Duration of Shu		
		e	Meter Prover Pressu	Differential in	Temperature	Temperatu	I Wellhead P		1	d Pressure P,) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
perty	(inche	es)	psig (Pm)	Inches H ₂ 0	t	t	psig	psia	psig	psia			
nut-In							135		90		24		
low													
				1		FLOW ST	REAM ATTRI	BUTES					
Plate Circle one: Press Coefficient Meter or Extension			Grav		Flowing Temperature	Deviatio		Metered Flov	I	L Eh	~		
$(F_{b})(F_{p})$ P^r		Pro	ver Pressure psia	✓ P _m xh	Fac F		Factor F _{ft}	1	ctor :	R (Mcfd)	(Cubic F Barre	el) Gra	· ·
Mcfd		Pola					'ft	+					G _m
. 2			(D. \2				IVERABILITY)					$(a)^2 = 0.207$	
)2 =				Choose formula 1 or			_	sure Curve	14.4 =	·	(F	d)2 =	
(P _c) ² - (P _a) ²		(F	P _c) ² - (P _w) ²	1, P _c ² -P _a ²	formula		Slop	one - "n"		og	Antilog	Open Flow Deliverability	
$(P_{g})^{2} - (P_{g})^{2}$				2. P _c ² - P _d ² divided by: P _c ² - P _g	1. or 2. and divide 2 by:	P _c ² - P _w ²	Ass	Assigned Standard Slope				Equals R x Antilog (Mcfd)	
					·		-	•					
pen Flow Mcfd @ 14.					.65 psia	55 psia Deliverab			Mcfd @ 14.65 psia				
		•					-				ort and that he h		
facts s	tated ti	herei	n, and that sa	aid report is tru	e and correc	t. Execute	ed this the 28		day of N	OVEMBER		, 20 <u>1</u> 2	2
								20	1 7	Ha Ol	0	/	
			Witness (if any)			. <u>-</u>		n K	For	Company		
				nission			_			Cho	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 LOGAN 9X	
gas well on the grounds that said well:	
(Check one) 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: 11/28/12	חכ
al Della ()	
Signature: Win Callaux	
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.