KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test Op)	-		Test Date	(See Instructions on Reverse Side) Test Date:					API No. 15						
Company	liverab	шу				10/1/14			Lease		15-	-007-22855-0	00-00		Well Nu	ımher
	ATING CO	MF	PANY, LLC				BOWER					1		arriber		
County Location BARBER E/2 NE SE NE						Section 26						RNG (E/W) 11W			Acres A	Attributed
Field ROUNDUP SOUTH							Reservoir MISSISSIPPI				Gas Gathering Conn APC					
Completion Date 9/11/06						Plug Back Total Depth 4771			Packer Set at NONE							
Casing Si 4.500	Casing Size Weight 4.500 10.500					Internal [Internal Diameter 4.052			Set at 4604		Perforations 4564		To 4611		
Tubing Si 2.375	Tubing Size Weight 2.375 4.70				Internal Diameter 1.995			Set at 4632			Perforations 4632		To 4532		,,,	
Type Completion (Describe) SINGLE					Type Flui	Type Fluid Production GAS, OIL, WATE			Pump Unit or Traveling PUMPING			Plunger		/ No		
Producing Thru (Annulus / Tubing) ANNULUS							% Carbon Dioxide .058				% Nitrogen 1.616			Gas Gravity - G _g .633		
Vertical Depth(H) 4588						Pressure Taps FLANGE					(Meter Run) (Prov 3"				rover) Size	
Pressure	Buildu	p: \$	Shut in9/3	30/1	14 2	0 at				Taken_10	0/1/14	20	at_			(AM) (PM)
										M) (PM) Taken 20						
							OBSE	RVE	SURFAC	E DATA			Duration	of Shut-	in	Hours
Static / Dynamic Property	Orifi Siz	Circle one: Meter Prover Press psig (Pm)	ter Differential .		Flowing Well Head Temperature t			Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Wellhe	Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Earrels)	
Shut-In			poig (i iii)		monos ri ₂ o				psig 130	psia	psig 20	psia	24			
Flow																
							FLOW	STRI	EAM ATTR	IBUTES						
Plate Coeffieci (F _b) (F Mcfd	ent ,)	Circle one: Meter or Prover Pressure psia			Press Grav Extension Fact √ P _m x h F _g		or Ten		Flowing emperature Factor F _{f1}	nperature Factor F		tor R		W GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G _m
						/										
(P _c) ² =		:	(P _w) ² :	=	:	(OPEN FL	OW) (DE	ELIVE		') CALCUL ⁻ 。- 14.4) +		:		(P _a) (P _d)	$^{2} = 0.2$ $^{2} = 0.2$	207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Cho	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_g^2$	LOG of formula 1. or 2. and divide	LOG of formula 1. or 2. and divide P 2 - P 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flor	N				Mcfd @ 14.	65 psia			Deliverab	oility			Mcfd @	14.65 ps	а	
					ehalf o ² the report is true							he above repo	ort and th	at he ha		ledge of 20 14 .
								_			In le	1 Ha	Ola	g Pane	R	eceived
			Witness	(if any	y)							For	Company	1	OCT)) 2044
			For Com	missio	on				-			Che	cked by		001	2 2 2014

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 BOWER 1 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.
Signature:

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 cas 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.