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

Type Test:				(See Instructi	ions on Hei	verse Side)			
Ope	n Flow			Test Date	e:			API	No. 15		
Del	verabilty	/		8/28/12	-				007-22220-0	000	
Company VOOLSI	EY OPE	ERATING CO	OMPANY, LI	.c		Lease OAKES	Α			1	Well Number
County Location BARBER S2 E2 NE			Section 5				RNG (E/W) 13W		,	Acres Attributed	
				Reservoi MISSIS	r SIPPIAN		Gas Ga APC		nering Conne	ection	RE
Completion Date 2/17/89			Plug Bac 5039	Plug Back Total Depth 5039		n P N		et at		DEC	
asing Si .500	ing Size Weight 00 10.500			Internal Diameter 4.052		Set at 5050		Perforations 4882		To 4926	DEC KCC V
ubing Si .375	ing Size Weight 75 4.70			Internal I 1.995	Internal Diameter 1.995		Set at 4975		rations N	То	
Type Completion (Describe) SINGLE				Type Flui OIL,W	id Production			Pump Unit or Traveling Pi PUMPING		Plunger? Yes	/ No
roducing	•	Annulus / Tubir	ng)	% (Carbon Dioxid	de		% Nitrog	en	Gas Gra	avity - G _g
ertical D					Press	sure Taps				(Meter F	Run) (Prover) Size
Pressure	Buildup:	Shut in _8/2	27/12	at		(AM) (PM)	Taken_8/	28/12	20	at	(AM) (PM)
Vell on Li	ne:	Started							20	at	(AM) (PM)
			1		OBSERVE	D SURFAC	E DATA		····	Duration of Shut-	in Hours
Static / Dynamic Property	Orifice Size (inches	Meter Prover Press	Differenti	al Temperature	emperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		ubing ad Pressure (P ₁) or (P ₀) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In		7.00	, , , , , , , , , , , , , , , , , , , ,	2*		68	psia	psig	psia	24	
Flow											
				<u> </u>	FLOW STR	EAM ATTR	IBUTES				
Plate Coeffieci (F _b) (F Mcfd	,) '	Circle one: Meter or Prover Pressure psia	Press Extension	rac	tor Temperature		Fi	Deviation Metered Flor Factor R F _{pv} (Mcfd)		GOR (Cubic Fe Barrel)	l Gravity
				(OPEN FL	.OW) (DELIV	ERABILITY) CALCUI	ATIONS		(7.)	2 225
)² =		: (P _w) ²	=	P _d =	. ,		, P _c - 14.4) +		:	(P _d)	$^{2} = 0.207$ $^{2} =$
(P _c) ² - (F		(P _c) ² - (P _w) ² 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²		or 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"		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
			arrided by: F c	* * ***		5.2110					
Let W											
Open Flow Mcfd @ 14.65 psia						Deliverat	oility		Mcfd @ 14.65 psia		
	•	ned authority, erein, and that		• •		•		day of D	ECEMBER	rt and that he ha	as knowledge of 20 12
		Witness	s (if any)			-			For C	Company	
		For Con	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 OAKES A-1
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: Win R Stullays

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.