KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

ype Test:	en Flow			(Test Date		tions on Rev	verse Side,		lo 15			
Deli	iverabilty			9/9/14	5.				No, 15 0 7-228 03-0	00-01		
Company NOOLSE		RATING CO	MPANY, LLC			Lease OAKES	Α			4	Weil Number	
County Location BARBER S/2 S/2			Section 5		TWP 35S			V)	Acres Attributed			
Field AETNA				Reservoir MISSIS:	SIPPIAN		Gas Gathering (APC		ering Conn	ection		
Completion Date 7/26/047			Plug Bac 5525	k Total Dep	th	Packer NONE		et at				
Casing Siz	ze	Weight 10.500		Internal Diameter 4.052		Set at 5640		Perforations 4849		то 4894		
Tubing Size Weight 2.375 4.70			nt	Internal Diameter 1.995		Set at 4964		Perforations OPEN		То		
Type Completion (Describe) SINGLE			Type Flui OIL,W	d Productio ATER	n	Pump Unit or Trate PUMPING			reling Plunger? Yes / No			
Producing ANNULI		nnulus / Tubin	g)	% C	arbon Diox	ide		% Nitroge	n	Gas Gr	avity - G _g	
Vertical Do	epth(H)				Pres	ssure Taps				(Meter I	Run) (Prover) Size	
Pressure I	Buildup:	Shut in 9/8	/14 2	0 at		(AM) (PM)	Taken_9/9	9/14	20	at	(AM) (PM)	
Well on Line:		Started		D at		(AM) (PM)	Taken		20	at	(AM) (PM)	
		1			OBSERVE	ED SURFACE			_	Duration of Shut-	in Hours	
Static / Orifice Dynamic Size Property (inches		Circle one: Meter Prover Pressi	L. Company	Flowing Temperature t	Well Head Temperature	Cas Wellhead (P _w) or (P	Pressure	Wellhea	bing d Pressure (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		psig (Pm)	Inches H ₂ 0			psig 120	psia	psig 80	psia	24		
Flow				_								
					FLOW STI	REAM ATTR	BUTES					
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension √ P _m x h	Grav Fac F	or Temperature		Deviation Factor F _{pv}		Metered Flov R (Mcfd)	w GOR (Cubic Fe Barrel)	Crowite	
				(655)						_	l.	
P _c)² =	:	(P _w) ² =	:;	P _d =		/ERABILITY % (F) CALCUL P _c - 14.4) +		:	(P _a) (P _d)	² = 0.207 ² =	
(P _c) ² - (P or (P _c) ² - (P)2 (d)2	$(P_c)^2 - (P_w)^2$ Choose formula 1 of 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$		LOG of formula 1. or 2. and divide D 2 D 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flov	V		Mcfd @ 14.	65 psia		Deliverab	oility			Mcfd @ 14.65 ps	ia	
	•	•-	n behalf of the			-		make the	-	ort and that he ha	as knowledge of, 20	
_		Witness (_	U	In L	1 Xa	Wayh-	/ Receiv KANSAS CORPORATIO	
						_				cked by	OCT 2 2	
		For Comr	IN58/ UN						CHE	uned by		
											CONSERVATION WICHITA	

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-4
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: 10/15/14
Signature: Win R. Hallagh. 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.