KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Reve	rse Side,)					
Open Flow				Test Date) :			API	No. 15					
De	liverab	ilty			4/6/13	··				033-21051-0	0-00			
Company WOOLS		PER	RATING CO	MPANY, LLC			Lease KACI				1	Well Nu	mber	
County COMANCHE			Location W/2-NE-NE		Section 20		TWP 32		RNG (E/W) 19W			Acres Attributed		
Field WILDCA	ίΤ			•	Reservoir MISSIS	SIPPIAN				nering Conne				
Completic 2/18/00	on Dat	e			Plug Back 5330	k Total Dept	h		Packer S NONE	et at				
Casing S 5.500	ize		Weigh 15.50		Internal D 4.950	Diameter	Set at 5330		Perforations 5230		то 5236			
	Tubing Size 2.375		Weigh 4.700		Internal Diam 1.950		Set at 5100		Perforations OPEN		То			
Type Con	npletio	n (D		'		d Production				it or Traveling	Plunger? Yes	/ No		
ŚİNGLE		(=			WATE				PUMP	ING				
Producing TUBING	-	(An	nulus / Tubin	g)	% C	Carbon Dioxi	de		% Nitrog	en	Gas Gr	avity - 0	i,	
Vertical C	epth(F	1)	<u> </u>			Pres	sure Taps				(Meter I	Run) (Pi	rover) Size	
5160 Pressure	Buildu	ıp:	Shut in _4/6	/132	0 at		(AM) (PM) T	aken_4/	7/13	20	at	(AM) (PM)	
Well on L	ine:										at			
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in	Hours	
Static / Dynamic Property	Orifi Siz (inch	e	Circle one: Meter Prover Pressi		Flowing Temperature	Well Head Temperature t	Casing Wellhead Pr (P _w) ∝ (P _t)	essure	Tubing Wellhead Pressure Duration (P _w) or (P _t) or (P _c) (Hours)			d Produced Barrels)		
Shut-in	,		psig (Pm)	Inches H ₂ 0			psig 160	psia	psig 0	psia	24			
Flow					·								-	
L			<u> </u>		L	FLOW STR	EAM ATTRIE	UTES	L			J		
Coeffied (F _b) (F	Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Extension Factor		or Temperature		ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
											-			
	I				! (OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS			2 0.0		
(P _c) ² =		_:	(P)² =	:	P _d =		•	- 14.4) +		:	(P _a) (P _d)	² = 0.2 ² =		
(P _c) ² - (I	P_)2	(F	P _c) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _a ² 2. P _c ² - P _d ²	LOG of formula 1, or 2.		Backpress Slope	ure Curve = "n"	пх	LOG	Antillog	Or Del	pen Flow iverability R x Antillog	
(P _c) ² - (I	P _d)*			divided by: P _c ² - P _w ²	and divide by:	P _e ² - P _w ²	Assig Standar					1 '	(Mcfd)	
		-												
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabili	ty		-	Mcfd @ 14.65 ps	ia		
The	unders	signe	d authority, c			states that h	e is duly autl	norized to	o make th	ne above repo	rt and that he ha	as know	ledge of	
the facts s	tated t	there	in, and that s	aid report is true	and correc	t. Executed	this the 17		day of _D	ECEMBER	1	,	20 13 .	
			Witness	if any)	K	CC-WIG		W	lus L	/ Vailly	ampaylis			
			For Cornr	nission		EC 3 1					ked by			

RECEIVED

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC						
	the foregoing pressure information and statements contained on this application form are true and						
correct t	o the best of my knowledge and belief based upon available production summaries and lease records						
of equip	ment installation and/or upon type of completion or upon use being made of the gas well herein named.						
l he	reby request a one-year exemption from open flow testing for the KACI 1						
	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						
l fur	ther 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: _1	2/17/13						
	Signature: Wm R Hallau G						
	Title: FIELD MGR.						
	riue						

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.

