KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:: en Flov	,			,		tions on Reve	erse Side		Ma 45			
De	liverabi	lty			Test Date 09/27/13					No. 15 1 <mark>07-23686-</mark> 0	000		
Company WOOLS		PERA	TING COM	MPANY, LLC			Lease JAHAY				4	Well Nu	mber
County BARBER	₹		Location SW NW		Section 31		TWP 33		RNG (EA	V)		Acres A	Attributed
Field KOCHIA					Reservoir MISSIS	SIPPIAN			Gas Gath	ering Conne	ection		
Completion 6/6/11	on Date)			Plug Bac 4988	k Total Dept	th		Packer So NONE	et at			Þ
Casing S 5.500	ize		Weight 15.50		Internal D 4.950	Diameter	Set at 5032		Perfor 4596		To 4666		
Tubing Si 2.875	Tubing Size		Weight 6.500		Internal Diam 1.995		Set at 4582		Perforations OPEN		То	•	
Type Con		(Des	cribe)		Type Flui WATE	d Production	n		Pump Uni PUMPI	it or Traveling NG	Plunger? Yes	/ No	
Producing	•	(Annu	lus / Tubing)	% C	Carbon Dioxi	de		% Nitroge	en	Gas Gr	avity - (à,
Vertical E	epth(H)				Pres	sure Taps			· · · · · · · · · · · · · · · · · · ·	(Meter	Run) (P	rover) Size
4550 Pressure	Buildur	n: Sh	nut in09/2	27/13	0 at		(AM) (PM) 1	Taken 09	9/28/13	20	at		 'AM) (PM)
Well on L											at		
						OBSERVE	D SURFACE	DATA			Duration of Shut-	-in	Hours
Static / Dynamic Property	Orific Size (inche	م ا	Circle one: Meter Prover Pressu		Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P _t)	ressure	Weilhea	ubing id Pressure (P _t) or (P _c)	Duration Liquid Produ (Hours) (Barrels)		d Produced
Shut-In			psig (Pm)	inches H₂0			125	psia	120	psia	24		
Flow													
						FLOW STR	EAM ATTRIE	BUTES					
Plate Coeffiec (F _b) (F Mcfd	ient	М	irde one: leter or er Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F _{rt}	Fa	iation ctor : pv	Metered Flow R (Mofd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
						l <u>.</u>	·	L			l		
(P _c) ² =		_:	(P _*) ² =	:	(OPEN FL		'ERABILITY) % (P _e	CALCUL - 14.4) +		:	_	$r^2 = 0.2$ $r^2 = $:07
(P _c) ² - (I or (P _c) ² - (I		(P _e)	² - (P _w) ²	1. P _o ² - P _a ² 2. P _o ² - P _d ² Midded by: P _o ² - P _d ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Šlope (Assi	sure Curve = "n" or gned rd Slope	nxl	og [Antilog	Dei Equals	pen Flow iverability s R x Antilog (Mcfd)
Open Flo	<u> </u>			Mcfd @ 14.	65 neia		Deliverabil	ity			Mcfd @ 14.65 ps	.l	
		anad	authority or			otataa that h			o maka th		rt and that he ha	_	todae of
		-	•	id report is tru			-				it and that he he		20 <u>13</u> .
						<u>دهم ۱۸</u>	/ICHIT#		Wm.	R Sa	Danala	_	
			Witness (if		Y					For C	company		
			For Comm	ission		DEC 3	1 2013			Chec	cked by		

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exempt status und and that the fore correct to the bes of equipment insta I hereby requ	r penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC bing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records lation and/or upon type of completion or upon use being made of the gas well herein named. It is a one-year exemption from open flow testing for the JAHAY 4 bunds 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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>12/17/13</u>	Signature: The Nalland. 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.

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