## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(	See Instruc	tions on Re	verse Side	e)				
_ :	en Flow			Test Date	ə:			API	No. 15			
Deliverabilty 1					11/30/10				151-20603-0	0000		
Company WOOLS		RATING CO	OMPANY, LLC	;		Lease WEIR			^	1	Well Number	
County Location PRATT 60' N OF SW NW SW				Section 28		TWP 29S		RNG (E/W) 11W		Acres Attributed		d
Field Reservoir HARDING WEST INDIAN C									thering Conn NENERGY	ection		
•				Plug Bac 2789	k Total Dep	th	Packer : NONE		Set at			
Casing Size Weight 4.500 10.50				Internal (	Diameter		Set at 2824		rations 2	то 2772		
Tubing Size Weight			Internal (	Internal Diameter 1.995		Set at 2785		rations	To			
2.375 4.70 Type Completion (Describe)				Type Flui	d Productio		Pump		OPEN  O Unit or Traveling Plunger? Ye		s / No	
SINGLE Producing Thru (Annulus / Tubing)				WATE	R Carbon Dioxi	ide	PUMP e % Nitrog				Gravity - G	
ANNULUS  Vertical Depth(H)					Pressure Taps						er Run) (Prover) Size	
2762										,	, , ,	
Pressure Buildup: Shut in				20 at	at (AM) (PI			Taken 11/30/10 20		at (AM) (PN		Л)
Well on Line: Started 20				0 at	at (AM) (PM)				20	at (AM) (PM)		
				<b>7</b>	OBSERVE	D SURFAC	E DATA			Duration of Shut-	<u>inH</u>	lours
Static / Orifice Dynamic, Size Property (inches)		Prover Pressure   In		Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produce (Barrels)	ed
Shut-In		psig (Pm)	Inches H <sub>2</sub> 0			psig 36	psia	psig 10	psia	24		$\overline{}$
Flow					·							
<u></u>		1			FLOW STR	REAM ATTR	IBUTES	<u> </u>				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or rover Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Extension Fact		amnerature i		iation Metered Flow leter R F <sub>pv</sub> (Mcfd)		v GOR (Cubic Fe Barrel)	1 Gravit	ty
•												
P <sub>c</sub> ) <sup>2</sup> =	:	(P <sub>w</sub> ) <sup>2</sup> :	= ;	(OPEN FL	OW) (DELIV		<mark>') CALCUL</mark> P <sub>e</sub> - 14.4) +		:	(P <sub>a</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		$(P_c)^2 - (P_w)^2$ Choose to 1. F  2. F  divided by		LOG of formula 1. or 2. and divide		Backpressure Curve Slope = "n"		, n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				-								_
Open Flov	<b>N</b>		Mcfd @ 14	65 psia		Deliverat	oility			Mcfd @ 14.65 psi	ia	
		ed authority of			states that h			o make th		ort and that he ha		f
	•	•	said report is tru			•			ECEMBER		, 20 <u>10</u>	
<del></del>	······································	Witness	(if any)			-	· · · · · ·		e C	Company	BEC	治V
·····		For Com				-				cked by	DEC	7 8
										·	DEC KCC V	~ o ,
											HOU P	VICH

exempt status under and that the foregone correct to the best of equipment install I hereby reque	er 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 llation 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 WEIR 1
_	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: 12/22/10	Signature: CaQwina.  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.