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

Type Test	t:				(	See Instruct	tions on Re	everse Side	)				
Open Flow					Test Date: API No. 15								
Deliverabilty			Test Date: 10/27/11					No. 15 107-23193-(	0000				
Company WOOLSEY OPERATING COMPANY, LLC				Lease LIEBL			#1			Well Number			
County BARBER E				Location E/2 SW SW		Section 6		TWP 33S		W)		Acres A	attributed
Field TRAFFAS				Reservoir MISSISSIPPI			Gas Gathering APC		ering Conn	ection			
Completion Date 10/16/07					Plug Bac 4951	k Total Dept			Packer S NONE	et at			
Casing Size 4.500			Weight 10.50		Internal Diameter 4.052		Set at <b>4951</b>		Perforations 4607		то <b>467</b> 6		
Tubing Si 2.375		-	Weight 4.70		Internal Diameter 1.995		Set at <b>471</b> 2		Perforations OPEN		То		
Type Completion (Describe) SINGLE				Type Fluid Production WATER				Pump Unit or Traveling Plunge PUMPING					
Producing Thru (Annulus / Tubing) ANNULUS				% C	% Carbon Dioxide			% Nitrogen G			Gas Gravity - G		
Vertical D 5120	epth(F	1)				Pres	sure Taps				(Meter	Run) (P	rover) Size
Pressure	Buildu	p:	Shut in10/2	26/11 2	0 at		(AM) (PM)	Taken 10	)/27/11	20	at	(	AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(	AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut	-in	Hours
Static / Dynamic Property	Dynamic Size		Circle one:  Meter Prover Pressu. psig (Pm)	Pressure Oifferential in Inches H <sub>2</sub> 0	Temperature Temperatu		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>1</sub> ) or (P <sub>c</sub> ) psig psia		Duration Liquid Produ (Hours) (Barrets)		
Shut-In	Shut-In		,				psig 85	psia	70		24		
Flow						FI OW OTE	TAN ATT						
			Circle one:		<u> </u>	FLOW STR		RIBUTES					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Meter or over Pressure psia	Press Extension  P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Temperature Factor		riation Metered Flow actor R = (Mcfd)		W GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FL	OW) (DELIV		Y) CALCUL [P <sub>c</sub> - 14.4) +		:	(P <sub>a</sub> ) (P <sub>d</sub> )	$)^2 = 0.2$ $)^2 =$	07
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose formula 1 or 2  1. $P_c^2 \cdot P_a^2$ 2. $P_c^2 \cdot P_d^2$ tivided by: $P_c^2 \cdot P_a^2$	2: LOG of formula 1. or 2. and divide   p 2 . p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog Del Equals		en Flow iverability R x Antilog (Mcfd)
					_								
Open Flow Mcfd @ 14			 65 psia	<del></del>	Deliverability			Mcfd @ 14.65 ps	4.65 psia				
The	unders	igne	d authority, or	behalf of the	Company,	states that h	ne is duly a			•	ort and that he ha	as know	ledge of
the facts s	tated t	here	in, and that sa	id report is true	e and correc	t. Executed	this the $\frac{2}{}$			ECEMBER L	1 00		20 11 .
-			Witness (if	any)					eln i	Ford	company Company	KK	CEIVE
			For Comm	ssion						Che	cked by	DE	<del>C 3 0 2</del> 0

KCC WICHITA

	inder penalty of perjury under the laws of the state of Kansas that I am authorized to request
and that the fo correct to the b of equipment in	under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC regoing pressure information and statements contained on this application form are true and lest of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. Quest a one-year exemption from open flow testing for the LIEBL #1
	grounds that said well:
I further ag	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 gree to supply to the best of my ability any and all supporting documents deemed by Commission sary to corroborate this claim for exemption from testing.
	Signature: Work Mallage  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.