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

_ :	: en Flo liverab		-		Test Date		tions on Re	everse Side	ÁP	I No. 15	0000			
Company	,				10/1/10		Lease	<u> </u>	15-	-007-22311-		Well N	umber	
WOOLSEY OPERATING COMPANY, LLC County Location				Section	Section TWP			RNG (E/W)			G-1 Acres Attributed			
BARBER C SW/4			26 33S			· · · · · · · · · · · · · · · · · · ·	14W			ACIOS				
Field AETNA				Reservoir MISSISSIPPI			<b></b>	Gas Gathering Connecti APC						
Completion Date 5/17/90				Plug Bac 4954	k Total Dep	th		Packer NONE						
Casing Si 4.500	asing Size Weight .500 10.50				Internal Diameter 4.052		Set at 4998		Perforations 4801		то 4901			
Tubing Size 2.375				Weight 4,70		Internal Diameter 1,995		Set at 4923		orations FN	То			
	Type Completion (Describe)				Type Fluid Production WATER				OPEN Pump Unit or Traveling Plunger? Yes / No PUMPING					
Producing Thru (Annulus / Tubing) ANNULUS				% C	% Carbon Dioxide			% Nitrogen			Gas Gravity - G <sub>g</sub>			
Vertical D		()	<del></del>	<u> </u>		Pres	ssure Taps		-		(Me	ter Run) (F	Prover) Size	
Pressure	Buildu	n:	Shut in9/30	0/10 2	0 at		. (AM) (PM)	Taken 10	)/1/10	20	at	···	(AM) (PM)	
Well on L				20										
						OBSERVE	ED SURFAC	E DATA			Duration of S	hut-in	Hours	
Static / Dynamic Property	Siz	cifice Circle and Meter Prover Pres psig (Pn		Pressure Differential in Inches H <sub>s</sub> 0	Flowing Temperature t	Well Head Temperature t	Wellhead (P <sub>w</sub> ) or (F	) or (P <sub>1</sub> ) or (P <sub>c</sub> ) (P <sub>w</sub>		Tubing ead Pressure or (Pt) or (Pa) paia	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	n		paig (i iii)	IIICIIOS 71 <sub>2</sub> O			58	psia .	a psig 0		24			
Flow														
	1				<del></del> i	FLOW ST	REAM ATTR	RIBUTES		<del> </del>				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P <sub>m</sub> xh	Grav Fac	tor	Flowing Temperature Factor F <sub>ft</sub>	Fa	iation ctor <sub>Pv</sub>	Metered Flo R (Mcfd)	(Cubi	OR ic Feet/ irrel)	Flowing Fluid Gravity G <sub>m</sub>	
								<u></u>						
(P <sub>c</sub> )² =		:	(P <sub>+</sub> )² =	:	(OPEN FL	OW) (DELI\	/ERABILITY % (I	/) CALCUL P <sub>e</sub> - 14.4) +		:		$(P_a)^2 = 0.3$ $(P_d)^2 = $	207	
$(P_o)^2 - (P_a)^2$ or $(P_e)^2 - (P_d)^2$		(F	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> (P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		LOG of tormula 1. or 2. and divide by:		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	O De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flor	_			Mcfd @ 14.			Deliveral				Mcfd @ 14.65	<u> </u>		
				n behalf of the						he above repo	ort and that he		wledge of 20 10 .	
		_	Witness (i	any)						For	Company		RECEIVI	
			For Comm	íssion	•					Che	icked by	1	DEC 22	

I declare un	der penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status ur	der Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC
	egoing pressure information and statements contained on this application form are true and
correct to the be	st of my knowledge and belief based upon available production summaries and lease records
	tallation and/or upon type of completion or upon use being made of the gas well herein named.  uest a one-year exemption from open flow testing for theELLIS G-1
gas well on the (	rounds that said well:
(Chec	k one)
Г	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
一	is on vacuum at the present time; KCC approval Docket No
<b>~</b>	is not capable of producing at a daily rate in excess of 250 mcf/D
_	ee to supply to the best of my ability any and all supporting documents deemed by Commission ry to corroborate this claim for exemption from testing.
Date: 11/29/10	
	Signature:
	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.