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

Type Test	t <b>:</b>					6	See Instruct	ions on Re	everse Side	)					
□ Ор	en Flov	v				T D				A D1	N- 45				
De	liverabi	lty				Test Date 10/25/11					No. 15  007-23162-(	0000			
Company WOOLS		PER	ATING CC	MF	PANY, LLC	VO, 237		Lease MICHE	L			D-1	Well Nu	ımber	
County BARBER				Location SE SE SW			Section 7		TWP 34S		M)		Acres Attributed		
Field RHODE	s sou	JTH				Reservoir MISSIS				Gas Gar APC	thering Conn	ection			
Completic 8/7/07	on Date	•				Plug Back 5020	Plug Back Total Depth 5020			Packer S NONE	Set at				
Casing S 4.500	ize		Weigl 10.50		Internal Diameter 4.052		Set at 5063		Perforations 4630		To 4700	 D			
Tubing Size 2.375			Weight 4.70			Internal D 1.995	Diameter	Set at 4741		Perforations 4741		To 474	 1		
Type Con		(De	escribe)				Type Fluid Production WATER, OIL			Pump Unit or Traveling Plunger? PUMPING			s / No		
Producing ANNUL	-	(Anr	nulus / Tubin	g)		% C	arbon Dioxid	de		% Nitrog	gen	Gas	Gravity -	G,	
Vertical D		)					Press	sure Taps				(Mete	r Run) (P	rover) Size	
Pressure	Buildup	);	Shut in 10	/24	/11 20	0 at		(AM) (PM)	Taken_10	)/25/11	20	at		(AM) (PM)	
Well on L	ine:		Started									at		(AM) (PM)	
					·		OBSERVE	D SURFAC	E DATA			Duration of Sh	ut-in	Hours	
Static / Dynamic	Dynamic Size		Meler Prover Pressure		Pressure Differential in	Flowing Temperature t	Temperature (P ) or (F		sing I Pressure P <sub>L</sub> ) or (P <sub>E</sub> )			Duration (Hours)		Liquid Produced (Barrels)	
Property Shut-In	(mone	, 5/	psig (Pm)		Inches H <sub>2</sub> 0	•	t	psig 160	psia	psig 540	psia	24	-		
Flow													-		
							FLOW STR	EAM ATTR	RIBUTES	•	·				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension P <sub>m</sub> x h	Gravity Factor F <sub>0</sub>		Flowing Temperature Factor F <sub>11</sub>		eviation Metered Flo Factor R F <sub>pv</sub> (Mcfd)		w GO (Cubic Barr	Feet/	Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> )² =		:	(OPEN FLO	OW) (DELIV		/) CALCUL P <sub>c</sub> - 14.4) +		·······;		$(a^2)^2 = 0.2$ $(a^2)^2 = 0.2$	?07 	
(P <sub>e</sub> ) <sup>2</sup> - (I or (P <sub>e</sub> ) <sup>2</sup> - (I	·	(P <sub>c</sub> )²- (P <sub>w</sub> )²		Choose formula 1 or 2:  1. P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide by:		Backpressure Curv Slope = "n"		n x LOG		Antilog	De Equal:	pen Flow liverability s R x Antilog (Mcfd)	
Open Flo	w				Mcfd @ 14.	65 psia	<del></del> .	Deliverat	bility			Mcfd @ 14.65	psia		
`		anar	d authority of	n h	•		tates that h			o make ti	ne above rend	ort and that he	<u> </u>	viedge of	
		_	•		report is true	• •		•			ECEMBER	wird biot lib		20 11 .	
			VAD-	es -				-	Z	la l	la	llagh	/REC	CEIVED	
			Witness For Com									Company cked by	DEC	3 0 2011	
			. 27 gotti								310	•	(CC V	VICHITA	

I hereby request a one-year exemption from open flow testing for the MICHEL D-1  gas well 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 mct/D  I further 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: 12/20/11  Signature:	I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.
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Signature:	
	Signature:

## 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.