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

Type Test	:				(	See Instruc	tions on Re	verse Side	)					
□ Op	en Flov	N			Test Date	Test Date: API No. 15								
Deliverabilty					12/15/10				007-22803-0	0000				
Company WOOLSEY OPERATING COMPANY, LLC						Leas OAK			ase AKES			Well Number A-4		
County BARBER			Locatio 590 FSL	n & 2470 FEL	Section 5			TWP F 35S 1		(W)		Acres A	ttributed	
Field AETNA				Reservoir MISSIS:				Gas Gat APC	thering Conne	ection				
Completion Date 7/26/047					Plug Bac 5525	k Total Dep	oth		Packer S NONE	Set at				
asing Size .500			Weight 10.500		Internal Diameter 4.052		Set at 5640		Perforations 4849		То 4 <b>89</b> 4			
ubing Size .375			Weight 4.70		Internal Diameter 1.995		Set at 4964		Perforations OPEN		То		· •	
Type Completion (Describe) SINGLE					Type Flui OIL,W	d Productio	on	Pump Unit or Tra PUMPING			Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing) ANNULUS				% C	% Carbon Dloxide			% Nitrogen Ga			as Gravity - G			
Vertical D 1872	epth(H	)		- <del></del>		Pres	ssure Taps	• • • • • • • • • • • • • • • • • • • •			(Meter	Run) (Pi	rover) Size	
Pressure	Buildu	p:	Shut in12/1	4/10 2	0 at	*****	(AM) (PM)	Taken_12	2/15/10	20	at	(	AM) (PM)	
Well on L	ine:		Started	2	0 at	<del></del>	. (AM) (PM)	Taken		20	at	(	AM) (PM)	
			· · · · · · · · · · · · · · · · · · ·			OBSERVI	ED SURFAC	E DATA			Duration of Shut	-in	Hours	
Static / Dynamic Property	nic Size		Circle one:  Meter Prover Pressur palg (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature		(P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>0</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In	n		para (may				120	psis	psig 150	psia	24			
Flow														
						FLOW ST	REAM ATTR	RIBUTES		<del>-</del>			<del></del>	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure pala	Press Extension P <sub>m</sub> xh	Extension Fact		tor Temperature		lation ctor ev	Metered Flow R (Mcfd)	v GOR (Cubic Fo Barrel)	eet/	Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>e</sub> )² =		:	(P_)² =	:	(OPEN FL		VERABILITY % (I	/) CALCUL P <sub>e</sub> - 14.4) +		:	(P <u>.</u> (P <sub>d</sub>	$)^2 = 0.2$ $)^2 =$	07	
$(P_g)^2 - (P_a)^2$ or $(P_g)^2 \cdot (P_g)^2$		(F	(P <sub>e</sub> ) <sup>2</sup> + (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>e</sub> 2. P <sub>e</sub>		LOG of formula 1. or 2. and divide	P.2. P.2	Backpressure Curve		n x log		Antilog	Open Flow		
				Mided by: P <sub>e</sub> <sup>2</sup> - P <sub>w</sub>		<u> </u>						-		
Open Flow Mcfd @ 14.65 psia							Deliverability Mcfd @ 14.65 psia							
											ort and that he h		=	
ne tacts s	tated ti	nerei	in, and that sa	a report is tru	e and correc	t. Execute	a this the <u></u>		day of			1 <sup>1</sup>	20 <u>10                                   </u>	
	<u></u>		Witness (if	влу)					<del>-</del>	Fold	To make	7	RECEI	
<del></del>			For Commit	sion			•			Chec	cked by		DEC 2	

under penalty of perjury under the laws of the state of Kansas that I am authorized to request sunder Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC
foregoing pressure information and statements contained on this application form are true and
best 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. request a one-year exemption from open flow testing for the OAKES A-4
ne grounds that said well:
theck 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 mcf/D
agree to supply to the best of my ability any and all supporting documents deemed by Commission
ssary to corroborate this claim for exemption from testing.
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Signature: Caluma

## 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.