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

Type Test	:				(	See Instruc	tions on Re	verse Side	9)				
= .	en Flo liverat				Test Date 9/10/12	<b>)</b> :				No. 15 107-22803-0	0.04		
Company WOOLSEY OPERATING COMPANY, LLC					<u></u>	Lease OAKES	· · · · · · · · · · · · · · · · · · ·			Well Number			
County BARBER			Location			TWP 35S			RNG (E/W) 13W			Acres Attributed	
Field AETNA			Reservoir MISSIS	SIPPIAN			Gas Gathering Connec APC		ection		RECT		
Completion Date 7/26/047			Plug Bad 5525	k Total Dep	th		Packer Set at NONE			To 4894 KCC WI(			
			Weight 10.500		Internal 0 4.052	Diameter Se 56			Perforations 4849		To 4894	To 4894 KO 5	
Tubing Size			Weight	Internal D		Diameter				Perforations OPEN		—-Д	CC MC
Type Completion (Describe)				Type Flui	d Productio			Pump Unit or Traveling PUMPING		Plunger? Yes	/ No		
SINGLE Producing Thru (Annulus / Tubing)					OIL,WATER % Carbon Dioxide			% Nitroge	Gas G	Gas Gravity - G <sub>9</sub>			
ANNUL Vertical D		H)				Pres	ssure Taps				(Meter	Run) (F	Prover) Size
4872			0.1014	10					(40.40		<u> </u>		
Pressure	Buildu		Shut in9/9/1								at		
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
· · · · · · · · · · · · · · · · · · ·		_	Circle one:	Pressure	<del>!</del>	OBSERVE	D SURFAC		T -		Duration of Shut	-in	Hours
Static / Orifice Dynamic Size Property (inches		e	Meter Prover Pressure psig (Pm)	Differential	Flowing Well Head Temperature t t		I Wallhaad Praccura		Tubing  Wellhead Pressure  (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )  psig psia		Duration (Hours)		id Produced (Barrels)
Shut-In							130	poil	240		24	4	
Flow													
						FLOW STE	REAM ATTR	IBUTES					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Grav Extension Fact  ✓ P <sub>m</sub> x h F <sub>0</sub>		tor	Temperature F		viation Metered Flow actor R F <sub>pv</sub> (Mcfd)		v GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
<u>.                                    </u>													
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =_	:	•		/ERABILITY % (I	•	.ATIONS · 14.4 ≈	:		) <sup>2</sup> = 0.2 ) <sup>2</sup> =	207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		hoose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_w$	LOG of formula 1. or 2. and divide		Backpressure Slope = "r			og [	Antilog	O De	pen Flow liverability s R x Antilog (Mcfd)
Open Flow Mcfd @ 14.65 psia						Deliverat	Deliverability Mcfd @ 14.65 psia						
			n, and that said	d report is true							rt and that he h	as knov	viedge of
			Witness (if a				=			For C	company		
			For Commis	sion			-		***************************************	Chec	ked by		

exempt status u and that the for correct to the be	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request 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
• •	stallation 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 OAKES A-4
gas well on the	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 ree to supply to the best of my ability any and all supporting documents deemed by Commission ary to corroborate this claim for exemption from testing.
	Signature: Wallay Callay Callay 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.