KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			6	See Instruct	ions on Re	verse Side)				
Open Flow												
Deliverabilty			Test Date: 11/16/10					lo. 15 07-21211-0	000			
Company WOOLS		ERATING CO	MPANY, LLC		<u>-</u>	Lease ALLEN					Veli Numi	oer
County Location BARBER 1980 FSL & 480 FWL			Section 33		TWP 34S		RNG (E/W) 13W		Acres Attributed		ributed	
Field AETNA			Reservoir MISSISSIPPI				Gas Gathering Connection ONEOK FIELD SERVICES					
Completion Date 9/11/81				Plug Back Total Depth 4969			•	Packer Se NONE			<u> </u>	
Casing Size 4.500			Weight 10.50		Diameter	Set at 4970		Perforations 4891		то 4950		
Tubing Si 2.375	Z0	Weigh 4.70	Weight 4.70		Diameter	Set at 4957		Perforations OPEN		То		
Type Completion (Describe) SINGLE				Type Fluid Production OIL, WATER				Pump Uni PUMPI	t or Traveling NG	Plunger? Yes / No		
Producing Thru (Annulus / Tubing) ANNULUS			% Carbon Dioxide				% Nitroge	n	Gas Gra	Gas Gravity - G		
Vertical D 4922	epth(H)			<u>.</u>	Pres	sure Taps				(Meter F	Run) (Prov	/er) Size
Pressure	Buildup	: Shut in	15/10 20) at		(AM) (PM)	Taken 1	1/16/10	20	at	(AI	M) (PM)
Well on L	ine:								20	at	(AI	M) (PM)
					OBSERVE	D SURFAC	E DATA		,	Duration of Shut-	n	Hours
Static / Dynamic Property	Orific Size (Inche:	Prover Pressu	Meter Differential Prover Pressure in		Well Head Temperature t	I Walihaad Draesura		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) paig pala		Duration (Hours)	Liquid Produced (Barrels)	
Shut-in			- 1			45	psia	15		24	4	
Flow	:								<u> </u>			
	-				FLOW STR	REAM ATTR	RIBUTES					
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia Press Extension Pmxh		Gravity Factor F _a		Temperature Fa		viation Metered Flor actor R F _{pv} (Mcdd)		(Cubic Fe Barrel)	9 <i>t</i> /	Flowing Fluid Gravity G _m
				(OPEN EL	OW) (DELIV	FRARILITY	/) CALCUI	ATIONS				
(P _a)² =		: (P_)² =	:	P _d =	• •		P _e - 14.4) +		:	(P _a) [;]	! = 0.207 ! =	/
(P _s) ² - (1 or (P _s) ² - (1	•	(P _a) ² - (P _a) ²	1. P ₀ ² -P ₀ ² 2. P ₀ ² -P ₀ ²	LOG of formula 1, or 2.		Backpressure Curve Slope = "n" or Assigned				Antilog	Open Flow Deliverability Equals R x Antilog	
	-		divided by: P.2 - P.2	by:	<u></u>	Stand	tard Slope				(M	c(d)
Open Flow Mcfd @ 14.65			65 psia	5 psia Deliverability			Mcfd @ 14.65 psia					
	_	ned authority, or				•			above repo	rt and that he ha		dge of
		Witness (i	f any)		· <u></u>	-	<u>_</u>	<u>C</u> ,		J. S		, — — —
	· · · · · · · · · · · · · · · ·	For Comm	ission			-			Ch	sked by	RE	CEIVE
		FOR COMM	agarUT I						Chec	ked by		

exempt status u and that the for correct to the be of equipment ins I hereby req	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request nder 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 est 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. Juest a one-year exemption from open flow testing for the ALLEN 1
I further agi	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.
Date: <u>12/23/10</u>	
	Signature: Columbia

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.