KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test	:				(-	See Instruct	ions on Reve	erse Side)			
= :	en Flow liverabil				Test Date 12/21/10					No. 15 107-23048-0	000	
Company		ERAT	ING CON	PANY, LLC			Lease JAHAY	,				Well Number
County Location BARBER 660 FNL & 750 FWL			Section 31				RNG (E/W) 10W			Acres Attributed		
					Reservoir MISSISSIPPI			Gas Gathering Connection APC				
·				Plug Back 5021	Plug Back Total Depth 5021				et at			
Casing Size 4.500			Weight 10.500		Internal D 4.052	Internal Diameter 4.052		Set at 5021		Perforations 4594		
Tubing Si 2.375	ze		Weight 4.70		Internal Diameter 1.995		Set at 4762		Perforations OPEN		То	
Type Completion (Describe) SINGLE					Type Fluid Production OIL, WATER			Pump Unit or Traveling Plunger? Yes / No PUMPING				
Producing ANNUL	-	Annulu	s / Tubing)	% C	arbon Dioxid	de		% Nitroge	n	Gas Gr	avity - G
Vertical D 4662	epth(H)					Press	sure Taps				(Meter I	Run) (Prover) Size
Pressure	Buildup	; Shu	12/2	20/10	0 at		(AM) (PM) 1	Taken_12	2/21/10	20	at	(AM) (PM)
Well on L	ine:	Star	rted	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
			· · · · · · · · · · · · · · · · · · ·			OBSERVE	D SURFACE	DATA			Duration of Shut-	in Hours
Static / Orifice Dynamic Size Property (inches)		Pro	Circle one: Meter over Pressui psig (Pm)	Pressure Olfferential In Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_e)$ psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₀) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			·				380	, , , , , , , , , , , , , , , , , , ,	180	, ps	24	
Flow												
						FLOW STR	EAM ATTRIE	BUTES				
Plate Coefflecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Grav Extension Fact ✓ P_x h F _g		or Temperature		Fa	iation ctor :	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	I Gravity
							<u>-</u>					
(P.)² =		·	(P _w) ² =_	:	(OPEN FL		ERABILITY) % (P	CALCUL - 14.4) +		:	(P _a) (P _d)	² = 0.207 ² =
$ (P_c)^2 = $		(P _o) ² - (P _w) ²		1. P ₀ ² -P ₀ ² 2. P ₀ ² -P ₀ ² iivided by: P ₀ ² -P ₀	1. P ² -P ² LOG of formula 2. P ² -P ² 1. or 2.		Backpressure Slope = "r		ve n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flow Mcfd @ 14.65 psi					65 psia	osia Deliverability			Mcfd @ 14.65 psia			
				behalf of the					day of Di	ECEMBER	rt and that he ha	as knowledge of 20
			Witness (if	any)			_		Z	how Sol	Cortica y	
			For Commi	ssion						Chec	cked by	

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC soing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the JAHAY 1
(Check	
Date: <u>12/28/10</u>	Signature: Wm Halland. 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.