KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instruct	ions on Re	verse Side	;)					
Open F				Test Date) :			API	No. 15				
Deliverabilty				4/3/14				15-009-21286 -0000					
Company loel Assoc	iates,	Inc				Lease Bird				A -2	Well Nu	mber	
County Location Barton C-SE/4				Section 33		TWP 18		RNG (E/W) 15 W		Acres Attr 160		attributed	
Field Otis-Albert				Reservoir Krider	Reservoir			Gas Gathering Connection					
Completion Date 8/15/76				Plug Back Total Depth				Packer S	Set at				
Casing Size Weight			Internal Diameter		Set at 1906'		Perforations krider		то 1802-37ОА				
ubing Size Weight 3/8			Internal Diameter		Set at		Perforations		То				
Type Completion (Describe) Single				Type Fluid Production Saltwater				Pump Unit or Traveling Plunger? Yes / No Pump unit					
	ru (An	nulus / Tubing	3)		arbon Dioxi	de		% Nitrog		Gas G	ravity - G	j,	
Vertical Depth(H)				Pressure Taps				(Meter Run) (Prover) Size					
Pressure Buildup: Shut in 4/2 20			14 at 3:45pm (AM) (PM) Taken 4/				3 20 14 at 3:46 (AM) (PM)						
						20 at (AM) (PN			AM) (PM)				
					OBSERVE	D SURFAC	E DATA	-		Duration of Shut		Hours	
Dynamic S	namic Size Prover Pressu		re in	Flowing Well Head Temperature Temperature		(H ^m) oi (H ¹) or (H ⁰)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		psig (Fill)	Inches H ₂ 0			psig 80	psia	psig	psia	24 0			
Flow						00				2.4	+		
Flow					ELOW STE	EAN ATTE	IDUTES		<u> </u>				
Dista	\top	Circle one:	_		FLOW STR		(IBUTES					Flowing	
Plate Coefficcient (F _b) (F _p) Mcfd		Meter or over Pressure psia	or Extension		Gravity Factor F _g		Flowing Deviation Factor Fit From Fig.		Metered Flor R (Mcfd)	w GOR (Cubic Fo Barrel	eet/	Fluid Gravity G _m	
							b.					<u></u>	
				(OPEN FL	OW) (DELIV	ERABILITY	/) CALCUI	ATIONS		(P _a)² = 0.2	07	
P _c) ² =	:	(P _w) ² =		P _d =		% (1	P _c - 14.4) +	14.4 =	:)² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ² Choose formu 1. P _c ² - 2. P _c ² - divided by: P		LOG of formula 1. or 2. and divide p 2 - p		Backpressure Curv Slope = "n"or Assigned Standard Slope		n x LOG		Antilog	Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
							·						
Open Flow			Mcfd @ 14.6	35 psia		Deliveral	bility			Mcfd @ 14.65 ps	sia		
The unde	ersigne	d authority, o	n behalf of the	Company,	states that h	e is duly a	uthorized	to make t	he above repo	ort and that he h	as know	ledge of	
he facts state	d there	in, and that s	aid report is true	and correc	t. Executed	this the 8	th	day of A	pril			₂₀ <u>14</u> .	
(1 L	m	10 S	all						Lan	Marto	ፈር ር	WICH	
		Witness (il any)						For	Company			
		For Comm	nission	•					Che	cked by	APR	1 6 201	
											RI	ECEIVE	

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator <u>JOEL Associates</u> , Inc.
and that the fore correct to the be	going pressure information and statements contained on this application form are true and st of my knowledge and belief based upon available production summaries and lease records tallation and/or upon type of completion or upon use being made of the gas well herein named.
	rounds that said well:
(Chec	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
	ee to supply to the best of my ability any and all supporting documents deemed by Commission ry to corroborate this claim for exemption from testing.
Date: <u>4/8/14</u>	
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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.

APR 1 6 2014