

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

Type Test:

- Open Flow  
 Deliverability

(See Instructions on Reverse Side)

Test Date:  
Shut In

API No. 15  
023-20538-0000

Company <b>Priority Oil &amp; Gas LLC</b>		Lease <b>Briggs-Vincent</b>		Well Number <b>6-22</b>	
County <b>Cheyenne</b>	Location <b>NE NW NW SE</b>	Section <b>22</b>	TWP <b>3S</b>	RNG (EW) <b>42</b>	Acres Attributed
Field <b>Cherry Creek</b>		Reservoir <b>Beecher Island</b>		Gas Gathering Connection <b>Priority Oil &amp; Gas LLC</b>	
Completion Date <b>12/24/03</b>		Plug Back Total Depth <b>1622</b>		Packer Set at	
Casing Size <b>4.5 in</b>	Weight <b>10.5 #</b>	Internal Diameter <b>4.052</b>	Set at <b>1664 KB</b>	Perforations <b>1483</b>	To <b>1517</b>
Tubing Size <b>1.25"</b>	Weight	Internal Diameter	Set at <b>1396'</b>	Perforations	To
Type Completion (Describe) <b>single (gas)</b>		Type Fluid Production <b>none</b>		Pump Unit or Traveling Plunger? Yes / <b>(No)</b>	
Producing Thru (Annulus / Tubing) <b>Tubing</b>		% Carbon Dioxide <b>.409</b>		% Nitrogen <b>4.012</b>	
Vertical Depth(H)		Pressure Taps		Gas Gravity - G <sub>g</sub> <b>.585</b>	
				<b>(Meter Run) (Prover) Size</b> <b>2 in.</b>	
Pressure Buildup: Shut in <b>11/11</b> 20 <b>13</b> at <b>12:00</b> (AM) <b>(PM)</b> Taken					
Well on Line: Started <b>11/12</b> 20 <b>13</b> at <b>12:00</b> (AM) <b>(PM)</b> Taken					

### OBSERVED SURFACE DATA

Duration of Shut-in **0** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (P <sub>m</sub> )	Pressure Differential in Inches H <sub>2</sub> O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in	<b>.375</b>					<b>196</b>	<b>210.4</b>				
Flow											

### FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>v</sub> ) (F <sub>p</sub> ) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F <sub>v</sub>	Flowing Temperature Factor F <sub>tt</sub>	Deviation Factor F <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>

### (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P<sub>c</sub>)<sup>2</sup> = \_\_\_\_\_ ; (P<sub>w</sub>)<sup>2</sup> = \_\_\_\_\_ ; P<sub>g</sub> = \_\_\_\_\_ % ; (P<sub>c</sub> - 14.4) + 14.4 = \_\_\_\_\_ ; (P<sub>w</sub>)<sup>2</sup> = 0.207 ; (P<sub>d</sub>)<sup>2</sup> = \_\_\_\_\_

(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2: 1. P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_d^2}$	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG [ ]	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow **Mcfd @ 14.65 psia**      Deliverability **Mcfd @ 14.65 psia**

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 12th day of November, 20 13.

Keith D. Arduus  
Witness (if any)

Michael A. G...  
For Company

For Commission

Checked by

**KCC WICHITA**

**DEC 05 2013**

**RECEIVED**

