

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

Form G-2  
(Rev. 7/83)

Type Test: ANNUAL

Open Flow

Test Date: 12/19/2012

API No. 15 - 189-22586-0000

Deliverability

Company <b>EOG RESOURCES, INC.</b>		Lease <b>LIGHT</b>		Well Number <b>24 #1</b>	
County <b>STEVENS</b>	Location <b>NW SW SE</b>	Section <b>24</b>	TWP <b>33S</b>	RNG (E/W) <b>39W</b>	Acres Attributed
Field <b>UNASSIGNED</b>		Reservoir <b>MORROW</b>	Gas Gathering Connection <b>ANADARKO ENERGY CO.</b>		
Completion Date <b>5/31/07</b>		Plug Back Total Depth <b>6405'</b>	Packer Set at		
Casing Size <b>4.5"</b>	Weight <b>10.5#</b>	Internal Diameter <b>4.052</b>	Set at <b>6496'</b>	Perforations <b>5822'</b>	To <b>5836'</b>
Tubing Size <b>2 3/8"</b>	Weight <b>4.7#</b>	Internal Diameter <b>1.995</b>	Set at <b>5837'</b>	Perforations	To
Type Completion (Describe) <b>SINGLE</b>	Type Fluid Production <b>WATER</b>	Pump Unit or Traveling Plunger?	Yes / No <input checked="" type="checkbox"/>		
Producing Thru (Annulus / Tubing) <b>TUBING</b>	% Carbon Dioxide <b>.327</b>	% Nitrogen <b>5.75</b>	Gas Gravity-G <sub>g</sub> <b>.7708</b>		
Vertical Depth (H) <b>5829'</b>	Pressure Taps <b>FLANGE</b>	(Meter Run) (Prover) Size <b>6.065</b>			
Pressure Buildup:	Shut In _____ 20 _____ at _____	taken _____ 20 _____ at _____			
Well on Line:	Started _____ 20 _____ at _____	taken <b>12/19</b> 20 <b>12</b> at <b>11:55 AM</b>			

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**KCC WICHITA**

**OBSERVED SURFACE DATA**

Duration of Shut-in \_\_\_\_\_ Hours

Static/Dynamic Property	Orifice Size Inches	Circle One Meter or Prover Pressure psig	Pressure Differential in (h) inches H <sub>2</sub> O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> )(P <sub>2</sub> )		Tubing Wellhead Pressure (P <sub>t</sub> ) or (P <sub>3</sub> )(P <sub>4</sub> )		Duration (t-hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						*117.5	131.9	*149.5	163.9		
Flow	3.000	31.5	41	67		111	125.4	84	98.4	24	1 Wtr

**FLOW STREAM ATTRIBUTES \* OBTAINED BY ALTERNATE TESTING METHOD**

Plate Coefficient (F <sub>1</sub> )(F <sub>2</sub> ) Mcfd	Circle One Meter or Prover Pressure psig	Pressure Extension $\sqrt{P_m \times h_w}$	Gravity Factor F <sub>g</sub>	Flowing Temperature Factor F <sub>t</sub>	Deviation Factor F <sub>pv</sub>	Molered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>
45.66	45.9	43.3809	1.1390	.9933	1.0052	2253		

**(OPEN FLOW) (DELIVERABILITY) CALCULATIONS**

$(P_o)^2 = 17.4$  ;  $(P_w)^2 = *14.09$  ;  $P_d = \text{---} \% (P_o - 14.4) + 14.4 = \text{---}$  ;  $(P_o)^2 - 0.207 (P_w)^2 = .207$

$\frac{(P_o)^2 (P_w)^2}{(P_o)^2 (P_w)^2}$	$\frac{2}{(P_o) - (P_w)^2}$	Choose formula 1 or 2: 1. $P_o^2 - P_w^2$ 2. $P_o^2 - P_w^2$ divided by: $P_o^2 - P_w^2$	LOG of formula 1, or 2 and divide by: $[P_o^2 - P_w^2]$	Backpressure Curve Slope = 'n' or Assigned Standard Slope	n x LOG [ ]	Antilog	Open Flow Deliverability Equals R x Antilog Mcfd
17.193	3.31	5.19426	.7155237	1.000	.7155237	5.19426	11703

Open Flow Mcfd @ 14.65 psia      Deliverability 11703      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 20th day of December, 20 12.

\_\_\_\_\_  
Witness (if any)

*Denbow*      **Thurmond-McGlothlin**  
For Company

\_\_\_\_\_  
For Commission

\_\_\_\_\_  
Checked by