

KANSAS CORPORATION COMMISSION

Form G-2  
(Rev. 7/03)

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: ANNUAL

Open Flow

Test Date: 12/19/2012

API No. 16 - 189-22640-0000

Deliverability

Company EOG RESOURCES, INC.		Lease S&S		Well Number 27 #2	
County STEVENS	Location SE NW SE NE	Section 27	TWP 32S	RNG (E/W) 36W	Acres Attributed
Field TORONTO			Gas Gathering Connection DCP MIDSTREAM, LP		
Completion Date 4/26/10		Plug Back Total Depth 6509' EST.		Packer Set at N/A	
Casing Size 5 1/2	Weight 15.5#	Internal Diameter 4.825	Set at 6556'	Perforations 4153'	To 4163'
Tubing Size 2 3/8	Weight 4.7#	Internal Diameter 1.995	Set at 4138'	Perforations	To
Type Completion (Describe) SINGLE		Type Fluid Production WATER		Pump Unit or Travelling Plunger? Yes / No X	
Producing Thru (Annulus / Tubing) TUBING		% Carbon Dioxide .184		% Nitrogen 13.55	
Gas Gravity-G <sub>g</sub> .7072		Vertical Depth (H) 4158'		Pressure Taps FLANGE	
				(Meter Run) (Prover) Size 3.068	
Pressure Buildup:		Shut In _____ 20 _____ at _____		taken _____ 20 _____ at _____	
Well on Line:		Started _____ 20 _____ at _____		taken 12/19 2012 at 12:30 PM	

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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 O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>ca</sub> or (P <sub>1</sub> )/(P <sub>2</sub> ))		Tubing Wellhead Pressure (P <sub>tu</sub> or (P <sub>1</sub> X)/(P <sub>2</sub> X))		Duration (Hours)	Liquid Produced (Barrels)
						psig	psla	psig	psla		
Shut-in						*186.9	201.3	*70.4	84.8		
Flow	1.250	31.	54	48		134	148.4	49	63.4	24	14 WTR

FLOW STREAM ATTRIBUTES

\*OBTAINED BY ALTERNATE TESTING METHOD

Flow Coefficient (F <sub>1</sub> X)/(F <sub>2</sub> X) Mcfd	Circle One Meter or Prover Pressure psig	Press 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>	Metered Flow R (Mcfd)	GOR (Cubic Foot/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>
7.771	45.4	49.5136	1.1891	1.0117	1.0042	465		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P<sub>c</sub>)<sup>2</sup> = 40.52 ; (P<sub>w</sub>)<sup>2</sup> = 22.02 ; P<sub>g</sub> = \_\_\_\_\_ % (P<sub>g</sub> - 14.4) + 14.4 = \_\_\_\_\_ ; (P<sub>g</sub>)<sup>2.027</sup> = .207

$\frac{(P_c)^2 (P_w)^2}{(P_c)^2 (P_w)^2}$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_w^2$ 2. $P_c^2 - P_w^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2 and divide by: $P_c^2 P_w^2$	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG [ ]	Antilog	Open Flow Deliverability Equals R x Antilog Mcfd
40.313	18.5	2.17908	.338273	1.000	.338273	2.17908	1013

Open Flow Mcfd @ 14.65 psia Deliverability 1013 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, 2012.

Witness (if any)

For Commission

*Sanjiv* Thurmond-McGlothlin

For Company

Checked by