

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. 15 - 129-21885-00-00

Deliverability

Company EOG Resources, Inc.		Lease Lorna		Well Number 33 #1	
County Morton	Location SE SE NW NE	Section 33	TWP 33S	RNG (E/W) 39W	Acres Attributed
Field Morrow		Reservoir Morrow		Gas Gathering Connection Anadarko Gathering Company	
Completion Date 12/17/09		Plug Back Total Depth 6355' est.		Packer Set at	
Casing Size 4 1/2	Weight 10.5#	Internal Diameter 4.052"	Set at 6397'	Perforations 5795'	To 5811'
Tubing Size 2 3/8	Weight 4.7#	Internal Diameter 1.995"	Set at 5788'	Perforations	To
Type Completion (Describe) Single	Type Fluid Production Condensate & Water		Pump Unit or Travelling Plunger?	Yes / No <input checked="" type="checkbox"/>	
Producing Thru (Annulus / Tubing) Tubing	% Carbon Dioxide .489	% Nitrogen 2.846	Gas Gravity-G _g .785		
Vertical Depth (H)	Pressure Taps FLANGE		(Meter Run) (Prover) Size 4.026		
Pressure Buildup:	Shut In _____ 20 _____ at _____	taken _____ 20 _____ at _____			
Well on Line:	Started _____ 20 _____ at _____	taken 12/19 20 12 at 11:20 AM			

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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 ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _c) or (P _w) psig		Tubing Wellhead Pressure (P _t) or (P _w) psig		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						*102.8	117.2	*61.8	76.2		
Flow	1.250	36	64	49		99	113.4	50	64.4	24	0

FLOW STREAM ATTRIBUTES *OBTAINED BY ALTERNATE TESTING METHOD

Plate Coefficient (F _p)(F _d) Mcfd	Circle One Meter or Prover Pressure psig	Press Extension $\sqrt{P_h \times h_w}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
7.661	50.4	56.7944	1.1287	1.0108	1.0069	500		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_o)^2 = 13.74$; $(P_w)^2 = *11.11$; $P_b =$ _____ % $(P_o - 14.4) + 14.4 =$ _____ ; $(P_o)^2 = 0.207$.207

$\frac{(P_c)^2(P_w)^2}{(P_o)^2(P_d)^2}$	$(R) - (P_w)^2$	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
13.533	2.63	5.0315589	.70170256	1.000	.70170256	5.0315589	2516

Open Flow Mcfd @ 14.65 psia Deliverability 2516 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

Thurmond-McGlothlin
For Company
Checked by _____