

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

RECEIVED

Type Test:

Open Flow

Test Date: 07/14/10

AUG 17 2010

API No. 15 - 189-22640-000

Deliverability

KCC WICHITA

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		Reservoir 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 To 4153' 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 Traveling Plunger?	Yes / No <input checked="" type="checkbox"/>		
Producing Thru (Annulus / Tubing) TUBING	% Carbon Dioxide .104	% Nitrogen 12.936	Gas Gravity-G _g .6933		
Vertical Depth (H) 4158	Pressure Taps FLG.	(Meter Run) (Packer) Size 3.068			
Pressure Buildup:	Shut in <u>07/11</u> <u>20</u> <u>10</u> at <u>9:00</u> AM	taken	<u>07/14</u> <u>20</u> <u>10</u> at <u>9:00</u> A.M		
Well on Line:	Started <u>07/14</u> <u>20</u> <u>10</u> at <u>9:00</u> AM	taken	<u>07/15</u> <u>20</u> <u>10</u> at <u>9:00</u> AM		

OBSERVED SURFACE DATA

Duration of Shut-in 72 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 _w) or (P ₁)(P ₂)		Tubing Wellhead Pressure (P _w) or (P ₁)(P ₂)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in					74	919.0	933.4	918.0	932.4	72	
Flow	1.625	32.3	33.2	51.1	74	659.0	673.4	639.0	653.4	24	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F ₁)(F ₂) Mcfd	Circle One Meter or Prover Pressure psig	Press Extension $\sqrt{P_m \times h_w}$	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
13.58	46.7	39.38	1.2010	1.0087	1.007	652		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2 = 871.2$; $(P_w)^2 = 453.5$; $P_d = \text{---} \%$ $(P_c - 14.4) + 14.4 = \text{---}$; $(P_a)^2 = 0.207$; $(P_b)^2 = .207$

$(P_c)^2 (P_a)^2$ or $(P_b)^2 (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ 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
871.0	417.8	2.08496	.319097	1.000	.319097	2.08496	3422

Open Flow 3422 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 09 day of AUGUST, 20 10.

Witness (if any)

For Commission

J. Chesnut
THURMOND-MCGLATHLIN, INC
For Company

Checked by

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator _____ and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the _____ gas well on the grounds that said well:

(Check One)

- 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

I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: _____

Signature: _____

Title _____

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 for annual test results.

GAS MEASUREMENT & TESTING
 PETROLEUM LABORATORY
 PHYSICAL TEST
 GAS SURVEYS

GAS PRODUCTION SURVEYS
 BACK PRESSURE TESTS
 ELECTRONIC VOLUMES
 CHART INTEGRATION

Thurmond-McGlothlin Inc.

NAUTRAL GAS MEASUREMENT

P.O. Box 885
 Liberal, Ks 67901
 620-626-4218
tmg07@tm-ems.com

COMPONENTS	MOL %	GPM
Carbon Dioxide	0.104	
Nitrogen	12.936	
Methane	76.741	12.94
Ethane	5.215	1.39
Propane	2.613	0.72
iso-Butane	0.308	0.10
n-Butane	0.812	0.25
iso-Pentane	0.221	0.08
n-Pentane	0.272	0.10
Hexane +	0.376	0.16
Helium	0.402	0.00
Oxygen	0.000	0.00
	100	

DATE RUN: July 16, 2010
LOCATION: SEC, 27-32S-36W STEVENS COUNTY
 COMPANY: EOG RESOURCES
 PURCHASER:
 LEASE: S&S 27#2
 METER CODE: 3557
 FIELD PRESS: 36.4
 LAB PRESS:
 FLOW TEMP: 55.3
 CYLINDER NO: L-143
 SAMPLED BY: TG
 DATE SAMPLE: 7-15-10
 DATE RECV'D: 7-15-10
 FORMATION: N/A
 RUN NUMBER: 0034
 HELI RUN NUMBER: 0059

GASOLINE CONTENT @ 14.65 PSIA & 60 F

REMARKS:
 Sampled for 4 Point

	GPM
PROPANE & HEAVIER	1.41
BUTANE & HEAVIER	0.70
PENTANE & HEAVIER	0.34

Gross Heating Value
 BTU @ 14.65 PSIA & 68 F
 Dry 1006.1
 Wet 988.5

RESULTS TO:

SPECIFIC GRAVITY
 0.6933

RECEIVED
 AUG 17 2010
 KCC WICHITA

Natural gas is one of our Most Valuable and Profitable Properties. Careful
 Conservation and Expert Handling will pay Abundant Dividends.

*Based on GPA 2145 & 2172