

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

FORM G-2
(Rev. 8/88)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 7/31/2012

API No. 15-047-10091-0000

Company Citation Oil & Gas		Lease Newsome A		Well Number 1	
County Edwards		Location NE 1/4 SW 1/4 SE 1/4 NW 1/4		Section 7	TWP 26s
Field McClanahan		Reservoir E Mississippi		RNG (E/W) 17	Acres Attributed
Completion Date 12/26/1963		Plug Back Total Depth 4585		Packer Set at none	
Casing Size 4.500	Weight 9.500	Internal Diameter 4.090	Set at 4625	Perforations 4548	To 4552
Tubing Size 2.375	Weight 4.700	Internal Diameter 1.995	Set at 4553	Perforations 4532	To 4535
Type Completion (Describe) single		Type Fluid Production brine		Pump Unit or Traveling Plunger? pumping unit	
Producing Thru (Annulus/Tubing) annulus		% Carbon Dioxide 0.011		% Nitrogen 2.670	Gas Gravity- Gg 0.623
Vertical Depth (ft) 4550		Pressure Taps flange		Meter Run Size 2.067	
Pressure Buildup: Shut in		7/28/2013 @ 1200		TAKEN	7/31/2013 @ 1200
Well on Line: Started		7/30/2013 @ 1200		TAKEN	7/31/2013 @ 1200

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OBSERVED SURFACE DATA

Static/ Dynamic Property	Orifice Size in.	Meter Pressure psig	Pressure Diff. In. H ₂ O	Flowing Temp. t.	WellHead Temp. t.	Casing WellHead Press. (P _w) (P _L) (P _C)		Tubing WellHead Press. (P _w) (P _L) (P _C)		Duration (Hours)	Liquid Prod. Barrels
						psig	psia	psig	psia		
Shut-in						46	60			72.0	
Flow	0.375	46.0	60.00	86	86	5	19			24.0	

FLOW STREAM ATTRIBUTES

COEFFICIENT (F _b) Mcf/d	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW R Mcf/d	GOR	G _m
0.686	60.4	60.20	1.2669	0.9759	1.0042	51		0.623

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 3.7 (P_w)² = 0.4 P_d = 75.8 % (P_c - 14.4) + 14.4 = (P_a)² = 0.207
(P_d)² = 2.12

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_d)^2}$ or $\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2}$	LOG []	Backpressure Curve Slope "n" --- or --- Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability = R x Antilog Mcf/d
3.48	3.30	1.054	0.0230	0.850	0.0196	1.046	53
1.57	3.30	0.476		0.850		0.532	27

OPEN FLOW 53 Mcfd @ 14.65 psia DELIVERABILITY 27 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 herein and that said report is true and correct. Executed this the _____ day of _____, 2013

Witness (if any)

For Commission

For Company

Checked by

I declare under penalty or 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 Citation Oil & Gas and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or of type completion or upon use of the gas well herein named.

I hereby request a permanent exemption from open flow testing for the Newsome A 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 incapable of producing at a daily rate in excess of 250 mcf/D

Date: 8-1-13

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CONSERVATION DIVISION
WICHITA, KS

Signature: [Handwritten Signature]
Title: Sr. Production Foreman

Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.



August 1, 2013

Kansas Corporation Commission
Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

ATTN: Lane Palmateer
KCC Litigation Counsel

Re: KCC Docket 13-CONS-418-CPEN – 2012 Shut-In Pressure or Open Flow Test

Mr. Palmateer:

Citation Oil & Gas Corp. has enclosed an open flow test on the Newsom A 1 well in order to gain exemption from the 2012 testing requirement.

If you need additional information, please contact me at (281) 891-1576 or by email at msmith@cogc.com.

Sincerely,

A handwritten signature in cursive script, appearing to read "M Smith".

Martha Smith
Regulatory Compliance Coordinator

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LEGAL SECTION