

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

FORM G-2
(Rev. 8/98)

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 7 26s 17	Section 7	TWP 26s	RNG (E/W) 17	Acres Attributed	
Field McClanahan	Reservoir E Mississippi	Gas Gathering Connection Oneok				
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	RECEIVED KANSAS CORPORATION COMMISSION AUG 14 2013		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 (H) 4550	Pressure Taps flange	CONSERVATION DIVISION WICHITA, KS			Meter Run Size 2.067	
Pressure Buildup: Shut in	7/28/2013 @ 1200	TAKEN	7/31/2013 @ 1200			
Wall on Line: Started	7/30/2013 @ 1200	TAKEN	7/31/2013 @ 1200			

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 _t) (P _c)		Tubing WellHead Press. (P _w) (P _t) (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 F _g	FLOWING TEMP FACTOR F _t	DEVIATION FACTOR F _{pv}	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 $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2}$ or $\frac{(P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}$	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 15 day of August, 2012

RECEIVED

AUG - 5 2013

Witness (if any)
No Witness *Richard W. Yag*
For Commission

[Signature]
For Company
Checked by

KCC DODGE CITY

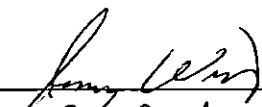
I declare under penalty or perjury under the laws of the state of Kansas that I am authorized to request exempt status under rule K.A.R. 82-3-304 on behalf of the operator Citation Oil & Gas and that the foregoing information and statements contained on this application form are true and correct to the 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

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.