

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST
(See Instructions on Reverse Side)

Form G-2
 (Rev 8/98)

Type Test:

- Open Flow
 Deliverability **WHSIP**

Test Date: 5/14/11

API No. 15-175-20301-00-01

Company		Lease			Well Number	
LINN OPERATING, INC.		Gano "A"			5	
County	Location	Section	TWP	RNG (E/W)	Acres Attributed	
Seward	N/2 SW SW	35	32S	31W		
Field		Reservoir		Gas Gathering Connection		
Kismet		Hodges		Oneok Field Services		
Completion Date		Plug Back Total Depth		Packer Set at		
12/28/76		5540'		4582'		
Casing Size	Weight	Internal Diameter	Set at	Perforations	To	
5-1/2"	15.5		6019'	5070'	5080'	
Tubing Size	Weight	Internal Diameter	Set at	Perforations	To	
2-3/8"	4.7	1.995	5124'			
Type Completion (Describe)		Type Fluid Production		Pump Unit or Traveling Plunger?		Yes / No
Single Gas		Gas - Water		Pump		Yes
Producing Thru (Annulus/Tubing)		%Carbon Dioxide		% Nitrogen		Gas Gravity - G _m
Annulus						.770
Vertical Depth (H)		Pressure Taps			(Meter Run) (Prover) Size	
6019'		Flange			2.067"	
Pressure Buildup:	Shut In	5/13	20 11 at	10:00 (AM)(PM)	Taken	5/14 20 11 at 10:00 (AM)(PM)
Well on line:	Started		20 at	(AM)(PM)	Taken	20 at (AM)(PM)

OBSERVED SURFACE DATA

Duration of Shut-In 24.0

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 _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						15.0	29.4	Pump		24.0	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _d)(F _p) Mcf/d	Meter Pressure psia	Press. Extension $\sqrt{P_m \times H_w}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{dv}	Metered Flow R (Mcf/d)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ (P_w)² = _____ P_d = _____ % (P_c - 14.4) + 14.4 = _____ (P_a)² = 0.207
 (P_c)² = _____ (P_w)² = _____ (P_d)² = _____

(P _c) ² - (P _a) ²	(P _c) ² - (P _w) ²	$\frac{P_c^2 - P_a^2}{(P_c)^2 - (P_w)^2}$	LOG $\left[\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2} \right]$	Backpressure Curve Slope = "n"	n x LOG $\left[\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2} \right]$	Antilog	Open Flow Deliverability Equals R x Antilog

Open Flow 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 _____ 21st day _____ May _____ 2012

 Witness (if any)

 For Commission

 For Company

 Checked by

RECEIVED
MAY 23 2012
KCC WICHITA

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 LINN OPERATING, INC. 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 Gano "A" 5 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: 5/21/2012

Signature: L. R. Paulson

Title: Regulatory Specialist

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 obtain exempt status for the gas well. At some point during the succeeding 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 from 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 of annual test results.

Inactive Oil Well

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




Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

April 12, 2012

Bob Reichardt
Linn Operating, Inc.
14000 Quail Springs Parkway Suite 500
Oklahoma City, OK. 73134

Re: 
Gano "A" #5 "OWWO" Sec. 35-32S-31W - Seward County > API #15-175-20,301-0002

Dear Mr. Reichardt:

A recent compliance review revealed that the above well appears to be in violation of **K.A.R. 82-3-304**, which requires the operator to submit one (1) of the following each calendar year: 1) the results of a one point, open flow test performed according to the procedures in **K.A.R. 82-3-303(b)**; or 2) an application for exemption from the testing requirement. The required submission of either of these options is attained through the filing of a **Form G-2**. If this gas well has already been flow tested for calendar year 2011 and the results have previously been submitted to the Wichita office or are on the way, or else, the gas well has already been claimed as exempt for 2011 on the basis of averaging less than 250 Mcf/Day in normal production, then please ignore this letter.

NOTE

The Form G-2 must be submitted to the Conservation Division Central Office within thirty (30) days. Please note that the form is double-sided. The operator applying for exemption must submit the results of a twenty-four (24) hour shut-in pressure-buildup. Please note that the operator must continue to apply for exemption each calendar year that the well continues to qualify for exempt status. A submitted shut-in pressure reading of zero pounds-per-square inch will not be accepted by Commission staff as a valid reading for supporting a claim of exempt status.

If the Form G-2 is not submitted by the **30-day** deadline, this matter may be referred to the KCC Legal Department with a recommendation that the Commission issue a Penalty Order, which may include a monetary penalty and an order to shut-in the well. Thank you for your prompt attention to this matter, and please feel free to call with any questions or concerns.

Sincerely,

Jim Hemmen
KCC Production Department

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KCC WICHITA

Conservation Division
Finney State Office Building
130 S. Market, Rm. 207B
Wichita, KS 67202-3802



Phone: 316-337-6200
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Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

May 16, 2012

Bob Reichardt
Linn Energy, L.L.C.
14000 Quail Springs Parkway Suite 5000
Oklahoma City, OK. 73134

RE: *Settling of Overdue Annual Open Flow Test Results/Testing Exemption Claim Applicable to the Gano "A" #5 Gas Well;*

Dear Mr. Reichardt:

I received the recently submitted paperwork for your Gano "A" #5 gas well. I can give credit to Linn Energy for bringing the well into compliance for calendar year **2012** in view of the shut-in pressure reading for this well having been recorded in April of the current year. But, I can't give credit to Linn Energy for having brought the well into compliance insofar as **2011's** testing liability is concerned.

To further clarify why the Conservation Division staff is just now delving into the missing **2011** annual testing exemption claim for this Gano gas well when we're already five months into the new year,.....technically, Commission staff can't treat an untested/un-exempted gas well as being in violation of the statewide testing regulation and notify the operator of the violation until after we move into the following calendar year because the gas well-operator has clear up until midnight of December 31st to submit the testing exemption claim for that particular year.

This has the unintended effect of forcing the well-operator of an overdue gas well to have to go back through his/her lease records looking for a possible shut-in pressure reading that got recorded in the preceding calendar year after we've already gone past that year if he gets notified that he has a violating well. It doesn't allow for the possibility of going back out to the well and shutting the well in at the time of notification for the purpose of obtaining the needed pressure reading. Nevertheless, that's how the testing regulation got interpreted to be intended to function by the Division's Legal staff. Non-exempt gas wells operate on a different testing cycle that keys off of the anniversary date of the very first open flow test that ever got performed on those gas wells.

So, the bottom line is that I need Linn Energy to be able to provide a **2011** shut-in pressure reading if I'm going to mark the Gano "A" #5 well off as having complied with the testing/exempting requirement for calendar year **2011**. Absent your providing a **2011** testing exemption claim that has the needed shut-in pressure on it, the well would have to be treated as having produced illegally throughout calendar year **2011** because of not having an allowable established for it.

Please inform me of what Linn Energy wants to do with regard to this matter.

Sincerely,

Jim Hemmen
Jim Hemmen
Research Analyst

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MAY 23 2012

KCC WICHITA