

**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: 4/20/12

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

Company <b>LINN OPERATING, INC.</b>			Lease <b>Gano "A"</b>			Well Number <b>5</b>		
County <b>Seward</b>	Location <b>N/2 SW SW</b>	Section <b>35</b>	TWP <b>32S</b>	RNG (E/W) <b>31W</b>	Acres Attributed			
Field <b>Kismet</b>		Reservoir <b>Hodges</b>		Gas Gathering Connection <b>Oneok Field Services</b>				
Completion Date <b>12/28/76</b>		Plug Back Total Depth <b>5540'</b>		Packer Set at <b>4582'</b>				
Casing Size <b>5-1/2"</b>	Weight <b>15.5</b>	Internal Diameter <b>6019'</b>	Set at <b>6019'</b>	Perforations <b>5070'</b>	To <b>5080'</b>			
Tubing Size <b>2-3/8"</b>	Weight <b>4.7</b>	Internal Diameter <b>1.995</b>	Set at <b>5124'</b>	Perforations	To			
Type Completion (Describe) <b>Single Gas</b>		Type Fluid Production <b>Gas - Water</b>		Pump Unit or Traveling Plunger? <b>Pump</b>		Yes / No <b>Yes</b>		
Producing Thru (Annulus/Tubing) <b>Annulus</b>		%Carbon Dioxide		% Nitrogen		Gas Gravity - G. <b>.770</b>		
Vertical Depth (H) <b>6019'</b>		Pressure Taps <b>Flange</b>			(Meter Run) (Prover) Size <b>2.067"</b>			
Pressure Buildup:	Shut In	<u>4/19</u>	20 <u>12</u> at	<u>8:35</u> (AM)(PM)	Taken	<u>4/20</u>	20 <u>12</u> at	<u>8:35</u> (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 <sub>2</sub> O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						14.0	28.4	Pump		24.0	
Flow											

**FLOW STREAM ATTRIBUTES**

Plate Coefficient (F <sub>d</sub> )(F <sub>p</sub> ) Mcf/d	Meter Pressure psia	Press. Extension $\sqrt{P_m \times H_w}$	Gravity Factor F <sub>g</sub>	Flowing Temperature Factor F <sub>t</sub>	Deviation Factor F <sub>dv</sub>	Metered Flow R (Mcf/d)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>

**(OPEN FLOW) (DELIVERABILITY) CALCULATIONS**

(P<sub>c</sub>)<sup>2</sup> = \_\_\_\_\_ (P<sub>w</sub>)<sup>2</sup> = \_\_\_\_\_ : P<sub>d</sub> = \_\_\_\_\_ % (P<sub>c</sub> - 14.4) + 14.4 = \_\_\_\_\_ : (P<sub>a</sub>)<sup>2</sup> = 0.207  
 (P<sub>a</sub>)<sup>2</sup> = \_\_\_\_\_

$(P_c)^2 - (P_a)^2$	$(P_c)^2 - (P_w)^2$	$\frac{P_c^2 - P_a^2}{(P_c)^2 - (P_w)^2}$	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 **Mcf/d @ 14.65 psia** Deliverability **Mcf/d @ 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 10th day May, 2012.

Witness (if any)

For Company

For Commission

Checked by

**RECEIVED**

**MAY 14 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.

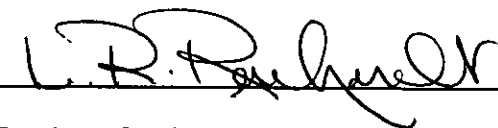
I hereby request a one-year exemption from open flow testing for the Gano "A" 5 gas well on the grounds that said well:

(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

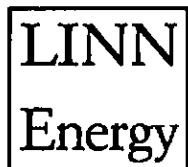
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 5/10/2012

Signature:   
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.



LINN ENERGY, LLC

14000 QUAIL SPRINGS PARKWAY, SUITE 5000  
OKLAHOMA CITY, OKLAHOMA 73134  
PHONE: (405) 241-2200  
FAX: (405) 241-2397

May 12, 2012

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

Dear Mr. Hemmen,

Please see attached Form G-2 for the:

Gano A 5  
35-32S-31W  
Seward Co., OK  
API: 15-175-20301-0002

As per our earlier correspondence, I am submitting this form to bring this well into compliance with KCC rules. There were 3 other wells on you earlier Violation Notice, however, I think we resolved the issue with those wells and this should resolve all our issues concerning the wells we purchased from PXP. Please let me know if you have any further questions.

Sincerely yours,

A handwritten signature in black ink, appearing to read "L. R. Reichardt".

L. R. "Bob" Reichardt  
Regulatory Compliance Specialist III  
Off: 405/241-2269  
Cell: 405/246-6756  
BReichardt@linnenergy.com

RECEIVED  
MAY 14 2012  
KCC WICHITA