

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

FORM G-2  
(Rev. 8/98)

TYPE TEST:

- Open Flow  
 Deliverability

TEST DATE: 2/7/2012

API No. 15-081-21460 - 0000

Company Strata Exploration		Lease Tindall-Spanier			Well Number 1	
County Haskell	Location SW SW NE	Section 28	TWP 29s	RNG (E/W) 32w	Acres Attributed 320	
Field	Reservoir St Louis			Gas Gathering Connection Oneok		
Completion Date 10/2002	Plug Back Total Depth 5587			Packer Set at 5485		
Casing Size 5.500	Weight 15.500	Internal Diameter 4.950	Set at 5635	Perforations 5506	To 5514	
Tubing Size 2.375	Weight 4.700	Internal Diameter 1.995	Set at 5518	Perforations	To	
Type Completion (Describe) Single Gas	Type Fluid Production			Pump Unit or Traveling Plunger? pumping unit		
Producing Thru (Annulus/Tubing) annulus	% Carbon Dioxide 0.088			% Nitrogen 12.088	Gas Gravity- Gg 0.691	
Vertical Depth (H) 5510	Pressure Taps flange			Meter Run Size 3.067		
Pressure Buildup: Shut in	2/3/2011@1300			TAKEN	2/6/2012@1630	
Well on Line: Started	2/6/2012@1630			TAKEN	2/7/2012@1630	

**OBSERVED SURFACE DATA**

Static/ Dynamic Property	Orifice Size in.	Meter Pressure psig	Pressure Diff. In. H <sub>2</sub> O	Flowing Temp. t.	WellHead Temp. t.	Casing WellHead Press. (P <sub>w</sub> ) (P <sub>c</sub> ) (P <sub>c</sub> )		Tubing WellHead Press. (P <sub>w</sub> ) (P <sub>c</sub> ) (P <sub>c</sub> )		Duration (Hours)	Liquid Prod. Barrels
						psig	psia	psig	psia		
Shut-in						99	113			75.5	
Flow	0.750	15.6	4.20	35	30	61	75			24.0	

**FLOW STREAM ATTRIBUTES**

COEFFICIENT (F <sub>b</sub> ) 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 <sub>m</sub>
2.740	30.3	11.29	1.2030	1.0249	1.0030	38		0.691

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

(P<sub>c</sub>)<sup>2</sup> = 12.9      (P<sub>w</sub>)<sup>2</sup> = 5.7      P<sub>d</sub> = 13.7      &      (P<sub>c</sub> - 14.4) + 14.4 =      (P<sub>a</sub>)<sup>2</sup> = 0.207  
(P<sub>d</sub>)<sup>2</sup> = 0.24

$(P_c)^2 - (P_a)^2$ 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
12.72	7.20	1.767	0.2472	0.882	0.2181	1.652	63
12.69	7.20	1.763	0.2463	0.882	0.2173	1.649	63

OPEN FLOW      63      Mcfd @ 14.65 psia      DELIVERABILITY      63      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 9 day of Feb, 2012

Witness (if any)

For Commission

For Company

Checked by

RECEIVED  
FEB 16 2012

KCC WICHITA

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 Strata Exploration

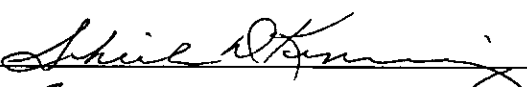
and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or of type completion or upon use of the gas well herein named.

I hereby request a permanent exemption from open flow testing for the Tindall-Spanier /  
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: 2/14/2012

Signature:   
Title: Secretary

**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.