

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

FORM G-2
(Rev. 8/98)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 2/8/2012 API No. 15-081-21473-00-00

Company Strata Exploration		Lease LEONARD Stoops-Weber			Well Number 21	
County Haskell	Location 1800FSL 1800FWL	Section 21	TWP 29s	RNG (E/W) 32w	Acres Attributed 320	
Field Lockport	Reservoir Atoka	Gas Gathering Connection Oneok				
Completion Date 8/27/2005	Plug Back Total Depth 5580	Packer Set at				
Casing Size 5.500	Weight 15.500	Internal Diameter 4.950	Set at 5630	Perforations 5070	To 5110	
Tubing Size 2.380	Weight 6.500	Internal Diameter 2.400	Set at 5095	Perforations	To	
Type Completion (Describe) Perf & Acidize	Type Fluid Production	Pump Unit or Traveling Plunger?				
Producing Thru (Annulus/Tubing) tubing	% Carbon Dioxide 0.047	% Nitrogen 15.431	Gas Gravity- Gg 0.797			
Vertical Depth (H) 5090	Pressure Taps flange	Meter Run Size 2.072				
Pressure Buildup: Shut in	2/4/2012@ 1400	TAKEN	2/7/2012@ 1500			
Well on Line: Started	2/7/2012@ 1500	TAKEN	2/8/2012 @ 1600			

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						194	208	194	208	73.0	
Flow	0.625	18.6	72.90	32		172	186	78	92	25.0	

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
1.914	33.0	49.05	1.1201	1.0281	1.0042	108		0.797

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 43.4 (P_w)² = 34.7 P_d = 18.9 % (P_c - 14.4) + 14.4 = (P_a)² = 0.207
(P_d)² = 1.55

$(P_c)^2 - (P_a)^2$ 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
43.22	8.69	4.976	0.6969	0.535	0.3729	2.360	256
41.88	8.69	4.822	0.6832	0.535	0.3655	2.320	251

OPEN FLOW 256 Mcfd @ 14.65 psia DELIVERABILITY 251 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

RECEIVED
 For Commission

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 Stoops Weber 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: 2/12/2012

Signature: *Shelley King*
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.