

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test: Open Flow Deliverability **Peak Energy**
 Test Date: 01-26-12 **Boller** API No. 15 -035-19384-00-00
 #2

Company Cowley Ark. City 7 35-S 3-E 80
 County Location Section TWP RING (E/W) Acres Attributed
Gibson Pool Severy Sand 1"
 Field Reservoir Gas Gathering Connection
01-02-75 1725' 3,470' none
 Completion Date Plug Back Total Depth Packer Set at
4 1/2" 10.50 4" 1,725 1,563 1,568
 Casing Size Weight Internal Diameter Set at Perforations To
2 & 3/8" 4.7-lb. 2" 1,540
 Tubing Size Weight Internal Diameter Set at Perforations To
none none
 Type Completion (Describe) Type Fluid Production Pump Unit or Traveling Pumper? Yes / No
tubing none none 950
 Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G_s
1,725
 Vertical Depth (ft) Pressure Taps (Meter Run) (Prover) Size

Pressure Buildup: Shut in 01-25 20:10 9:30 (AM) (PM) Taken 24hr 11:30 10:10 (AM) (PM)
 Well on Line: Started 20 at 20 (AM) (PM) Taken 20 at 20 (AM) (PM)

OBSERVED SURFACE DATA

Scale / Dynamic Property	Orifice Size (Inches)	Choke size: Meter Prover Pressure psia (FWD)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Gauging Weibull Pressure (P _w) = (P ₁) = (P ₂)	
						psig	psia
Shut-in		<u>10-lbs</u>				<u>10</u>	<u>24.4</u>
Flow		<u>24.4</u>					

Duration of Shut-in Hours

Tubing and Pressure = (P ₁) = (P ₂) psia	Duration (Hours)	Liquid Produced (Barrels)

FLOW STREAM ATTRIBUTES

Plate Coefficient (F ₁) (F ₂) Mchd	Choke size: Meter or Prover Pressure psia	Press Extension $\sqrt{P_a \cdot h}$	Gravity Factor F _g	Flowing Temperature Factor F _T	Dev: F _v F _l

Microed Flow R (Mchd)	GOR (Cubic Feet Barrel)	Flowing Fluid Gravity G _s

(OPEN FLOW) (DELIVERABILITY) CALCUL

(P₁)² = _____ : (P₂)² = _____ : P_a = _____ % (P_a - 14.4) +

$\frac{(P_1)^2 - (P_2)^2}{(P_1)^2 - (P_2)^2}$	$\frac{(P_1)^2 - (P_2)^2}{(P_1)^2 - (P_2)^2}$	Choose formula 1 or 2: 1. $P_a^2 - P_w^2$ 2. $P_a^2 - P_w^2$ where: $P_a^2 - P_w^2$	LOG of formula 1 or 2 and divide by: $P_a^2 - P_w^2$	Backpressure Curve Slope = " or Assigned Standard Slope

$(P_w)^2 = 0.207$
 $(P_w)^2 =$ _____

LOG []	ANALOG	Open Flow Deliverability Curve ft x Analog (Mchd)

Open Flow Mchd @ 14.65 psia Deliverability Mchd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to the facts stated therein, and that said report is true and correct. Executed this the 26th d

the above report and that he has knowledge of

Jan ... 20 12
x Rendell H. Bowen
 For Company

Witness (if any) _____
 Per Corporation _____

Checked by: _____

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 FEB 13 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 Peak Energy LLC 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 #2 Böller 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: 01-26-12

Signature: x *Randall H. Braun*
Title: Owner/Operator

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 claim exempt status for the gas well.

At some point during the current 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 for 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.

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