

# KANSAS CORPORATION COMMISSION

## ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- ☐ Open Flow  
☐ Deliverability

(See Instructions on Reverse Side)

Test Date:  
12/30/2014API No. 15  
095-00247-30,019-0000

Company Bramwell Petroleum, Inc			Lease Dockstader		Well Number 2
County KM	Location NE SE NW	Section 14	TWP 30S	RNG (E/W) 8W	Acres Attributed
Field Spivey-Grabs		Reservoir Mississippi	Gas Gathering Connection WWGG		
Completion Date 12-1964		Plug Back Total Depth 4211	Packer Set at N/A		
Casing Size 5 1/2	Weight 15.5	Internal Diameter 4.892	Set at 4306	Perforations 4188	To 4194
Tubing Size 2 3/8	Weight 4.7	Internal Diameter 1.995	Set at 4203	Perforations	To
Type Completion (Describe) Single (Gas+Oil)		Type Fluid Production Oil/Water	Pump Unit or Traveling Plunger? <input checked="" type="checkbox"/> Yes / No Pumping Unit		
Production Thru (Annulus / Tubing) Both		% Carbon Dioxide .17	% Nitrogen 2.42	Gas Gravity - G <sub>g</sub> .6985	
Vertical Depth(H)		Pressure Taps Pipe Taps		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 12/30 20 14 at 12:50 (AM) (PM) Taken 12/31 20 14 at 12:50 (AM) (PM)					
Well on Line: Started _____ 20 ____ at _____ (AM) (PM) Taken _____ 20 ____ at _____ (AM) (PM)					

## OBSERVED SURFACE DATA

Duration of Shut-in \_\_\_\_\_ Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H <sub>2</sub> O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						47					
Flow											

## FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>c</sub> ) (F <sub>p</sub> ) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F <sub>g</sub>	Flowing Temperature Factor F <sub>t</sub>	Deviation Factor F <sub>pv</sub>	Metered Flow R (Mcfd)	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>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2: 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope
				n x LOG
				Antilog
				Open Flow Deliverability Equals R x Antilog (Mcfd)

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 the 4th day of February, 20 15.

Received  
KANSAS CORPORATION COMMISSION

Witness (if any)

FEB 09 2015

CONSERVATION DIVISION  
WICHITA, KS

For Company

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 Bramwell Petroleum 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 Dockstader #2 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: 02/04/2015

Received  
KANSAS CORPORATION COMMISSION

FEB 09 2015

CONSERVATION DIVISION  
WICHITA, KS

Signature: \_\_\_\_\_

Title: Member, Bramwell Petroleum, LLC

**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.