

CORRECTED

Form G-2 (Rev. 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow (checked)
Deliverability

Test Date: 8/29/13

API No. 15 15-007-01356-0001

Company: PETROLEUM PROPERTY SERVICES INC. Lease: STUMPH-SMITH 'A' Well Number: 2
County: BARBER Location: SW NE NW Section: 18 TWP: 32S RNG (E/W): 14W Acres Attributed:
Field: STUMPH Reservoir: MISSISSIPPI Gas Gathering Connection: UNIMARK LLC
Completion Date: 07/01/57 Plug Back Total Depth: 4810 Packer Set at: NONE
Casing Size: 5.5 Weight: 14 Internal Diameter: 5" Set at: 4822' Perforations: 4784 To: 4802
Tubing Size: 2.375 Weight: 4.7 Internal Diameter: 2" Set at: 4785 Perforations: 4775 To: 4785
Type Completion (Describe): SINGLE GAS Type Fluid Production: WATER Pump Unit or Traveling Plunger?: PUMPING UNIT
Producing Thru (Annulus / Tubing): % Carbon Dioxide: 0.086 % Nitrogen: 2.594 Gas Gravity - Gg: 0.638
Vertical Depth(H): 4824 Pressure Taps: FLANGE TAP (Meter Run) (Prover) Size: 4.026
Pressure Buildup: Shut in 8/29 20 13 at 9:30 (AM) (PM) Taken 8/30 20 13 at 9:45 (AM) (PM)
Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Table with columns: Static / Dynamic Property, Orifice Size (inches), Circle one: Meter or Prover Pressure psig (Pm), Pressure Differential in Inches H2O, Flowing Temperature t, Well Head Temperature t, Casing Wellhead Pressure (Pw) or (Pi) or (Pc) psig/psia, Tubing Wellhead Pressure (Pw) or (Pi) or (Pc) psig/psia, Duration (Hours), Liquid Produced (Barrels)

FLOW STREAM ATTRIBUTES

Table with columns: Plate Coefficient (Fb) (Fp) Mcfd, Circle one: Meter or Prover Pressure psia, Press Extension sqrt(Pm x h), Gravity Factor Fg, Flowing Temperature Factor Fti, Deviation Factor Fpv, Metered Flow R (Mcfd), GOR (Cubic Feet/ Barrel), Flowing Fluid Gravity Gm

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(Pc)² = 0.207

(Pc)² =

(Pc)² = (Pw)² = Pa = % (Pc - 14.4) + 14.4 =

Table for calculations with columns: (Pc)² - (Pb)² or (Pc)² - (Po)², (Pc)² - (Pw)², Choose formula 1 or 2: 1. Pc² - Pa², 2. Pc² - Po², LOG of formula 1, or 2, and divide by: Pc² - Pw², 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 16TH day of OCTOBER 20 13

Signature: x Cynthia [Name] For Company

RECEIVED KANSAS CORPORATION COMMISSION

Witness (if any) For Commission

Checked by OCT 17 2013

CONSERVATION DIVISION WICHITA, KS

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 PETROLEUM PROPERTY SERVICES 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 STUMPH-SMITH 'A' #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: 10/15/13

Signature: 

Title: PRODUCTION ASST

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.