

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
 Deliverability

Test Date:
08/03/12

API No. 15
077-21776-00-00

Company Atlas Operating LLC		Lease Sanders Schmisseeur		Well Number 3	
County HARPER	Location NW NW NE	Section 28	TWP 31S	RNG (E/W) 8W	Acres Attributed
Field Spivey Grabs-Basil		Reservoir Mississippi		Gas Gathering Connection Pioneer/NCRA	
Completion Date 01/16/2012		Plug Back Total Depth 4890		Packer Set at	
Casing Size 4 1/2	Weight 10.5	Internal Diameter 4.052	Set at 4925	Perforations 4403	To 4409
Tubing Size 2 3/8	Weight 4.7	Internal Diameter 1.995	Set at 4478	Perforations	To
Type Completion (Describe) Single (Gas)		Type Fluid Production OIL & WATER		Pump Unit or Traveling Plunger? Yes / No Pumping unit	
Producing Thru (Annulus / Tubing) Tubing		% Carbon Dioxide 0.396		% Nitrogen 6.96	
Vertical Depth(H)		Pressure Taps		Gas Gravity - G _g 0.784	
				(Meter Run) (Prover) Size	

Pressure Buildup: Shut in 08/03 20 12 at 5:45 Pm (AM) (PM) Taken 08/04 20 12 at 5:45 Pm (AM) (PM)

Well on Line: Started _____ 20 ____ at _____ (AM) (PM) Taken _____ 20 ____ at _____ (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in **24** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						50		5			
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _{tt}	Deviation Factor F _{dv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_g = _____ % (P_c - 14.4) + 14.4 = _____ : (P_g)² = 0.207
(P_g)² = _____

(P _c) ² - (P _g) ² or (P ₁) ² - (P _g) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _g ² 2. P _c ² - P _w ² divided by: P _c ² - P _w ²	LOG of formula 1 or 2 and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2}$	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 10 th day of April 20 13

Witness (if any)

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KANSAS CORPORATION COMMISSION

For Company

For Commission

APR 15 2013

Checked by

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 Atlas Operating 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.

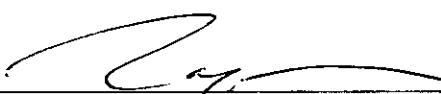
I hereby request a one-year exemption from open flow testing for the Sanders - Schmisieur gas well on the grounds that said well:

(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: 04/10/2013

Signature: 

Title: Engineer

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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APR 15 2013

CONSERVATION DIVISION
WICHITA, KS

ATLAS

OPERATING, LLC

April 10, 2013

Fax and Mail

Kansas Corporation Commission
Conservation Division
130 S Market -Room # 2078
Wichita, Kansas 67202

Attn : Mr Jim Hemmen

Tel # 316 337-6200
Fax # 316337 6211

Ref: Sanders Schmisser # 3
API # 15-077-21776
Sec 28-31S-08W,
Harper County, Kansas

Dear Mr Hemmen:

Attached please find copy of the G-2 test ran on the above referenced well for your review and approval. Copy of the form G-2 was also faxed.

If additional information is required, please advise.

Yours Sincerely,



Zafar Ullah

cc well file.

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