

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- ☒ Open Flow
☐ Deliverability

(See Instructions on Reverse Side)

Test Date:
October 14, 2014API No. 15
15-025-10082-0001

Company VEENKER RESOURCES, INC.			Lease WALKER		Well Number 1-33
County CLARK COUNTY	Location C/NW	Section 33	TWP 34S	RNG (E/W) 25W	Acres Attributed
Field MCKINNEY		Reservoir CHESTER		Gas Gathering Connection DCP MIDSTREAM	
Completion Date		Plug Back Total Depth 6098		Packer Set at 5739	
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052	Set at 5862	Perforations 5770	To 5777
Tubing Size 2 3/8"	Weight 4.7#	Internal Diameter 1.995	Set at 5739	Perforations	To
Type Completion (Describe) SINGLE GAS		Type Fluid Production NONE		Pump Unit or Traveling Plunger? Yes / No	
Producing Thru (Annulus / Tubing) TUBING		% Carbon Dioxide		% Nitrogen	Gas Gravity - G_g .646
Vertical Depth(H) 5774		Pressure Taps PIPE		(Meter Run) (Prover) Size 3"	
Pressure Buildup: Shut in October 14 20 14 at 8:00 AM (AM) (PM) Taken October 15 20 14 at 8:00 AM (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 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						0		170#		24	
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_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$$(P_a)^2 = 0.207$$

$$(P_o)^2 =$$

$$(P_c)^2 =$$

$$(P_w)^2 =$$

$$P_d = \text{ } \%$$

$$(P_c - 14.4) + 14.4 =$$

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	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 2nd day of APRIL, 20 15.

Received
KANSAS CORPORATION COMMISSION

Witness (if any)

APR 16 2015

For Commission

CONSERVATION DIVISION
WICHITA, KS

For Company

Checked by

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 VEENKER RESOURCES, INC. 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 Walker 1-33 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: April 2, 2015

Received
KANSAS CORPORATION COMMISSION

APR 16 2015

CONSERVATION DIVISION
WICHITA, KS

Signature: 

Title: Production Analyst

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.