

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST
(See Instructions on Reverse Side)

Type Test: Open Flow Test Date: 5/20/2013 API No. 15-095-21407 - 0000

Deliverability

Company: Trek AEC, LLC Lease: Wooldridge Well Number: A-2

County: Kingman Location: NW SE NE Section: 16 TWP: 27S RNG (E/2): 7W Acres Attributed: _____

Field: Kingman Reservoir: Mississippian Gas Gathering Connection: American Energies Pipeline

Completion Date: 1/1/1984 Plug Back Total Depth: 3930' Packer Set At: _____

Casing Size: 4 1/2" Weight: 10.5# Internal Diameter: 4.060" Set at: 3928 Perforations: 3797 To: 3807

Tubing Size: 2 3/8" Weight: 5# Internal Diameter: 2" Set at: _____ Perforations: _____ To: _____

Type Completion (Describe): Single Type Fluid Production: Saltwater Pumping Unit or Travelling Plunger? Yes/No

Producing Thru (Annulus/Tubing): _____ % Carbon Dioxide: _____ % Nitrogen: _____ Gas Gravity - G_g: _____

Tubing Vertical Depth (H): _____ Pressure Taps: _____ (Meter Run)(Prover) Size: _____

Pressure Buildup: Shut In 5/20/2013 at 11:15 a.m. (AM)(PM) Taken 5/21/2013 at 12:15 a.m. (AM)(PM)

Well On Line: Started 5/21/2013 at 12:15 a.m. (AM)(PM) Taken _____ at _____ (AM)(PM)

OBSERVED SURFACE DATA

| 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 | Casing Wellhead Pressures (P _w) or (P _i) or (P _c) | | Tubing Wellhead Pressures (P _w) or (P _i) or (P _c) | | Duration Hours | Liquid Produced (Barrels) |
|-------------------------|-----------------------|--|--|-----------------------|-----------------------|---|------|---|------|----------------|---------------------------|
| | | | | | | psig | psia | psig | psia | | |
| Shut-in | | | | | | 800 | | 400 | | 24 | 160 BWPD |
| Flow | | | | | | | | | | | |

FLOW STREAM ATTRIBUTES

| Plate Coefficient (h) (F _p) mcfpd | Circle One Meter or Prover Pressure psia | Press Extension √PmXh | Gravity Factor F _g | Flowing Temperature Factor F _t | Deviation Factor F _v | Metered Flow R (mcfpd) | GOR (Cubic Feet/ Barrel) | Flowing Fluid Gravity G _m |
|---|--|-----------------------|-------------------------------|---|---------------------------------|------------------------|--------------------------|--------------------------------------|
| | | | | | | | | |

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

| (P _c) ₂ -(P _w) ₂ or (P _c) ₂ -(P _d) ₂ | (P _c) ₂ -(P _w) ₂ | Choose formula 1 or 2: 1. P _{c2} -P _{w2} 2 P _{c2} -P _{d2} divided by P _{c2} -P _{w2} | LOG of Formula 1 or 2 and divide by: [P _{c2} -P _{w2}] | Backpressure Curve Slope = "n" or Assigned Standard Slope | N X LOG [] | Antilog | Open Flow Deliverability Equals R X Antilog (mcfpd) |
|--|--|--|--|---|-------------|---------|---|
| | | | | | | | |

Open Flow Mcfpd @ 14.65 psia Deliverability 17 mcfpd Mcfpd @ 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 9th day of December 2013.

Witness (if any) _____
For Commission _____

Mark Bieker
For Company
Mark Bieker, Operations Director
Checked by _____

KCC WICHITA
FEB 11 2014
RECEIVED

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 Trek AEC, 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 Wooldridge 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 the Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 12/9/2013

Signature: Mark Bieker

Title: Mark Bieker, Operations Director

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 under 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.

KCC WICHITA

FEB 11 2014

RECEIVED