Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Open Flow Deliverability Test Date: API No. 15 007-24000 - 0000 Company M&M Exploration, Inc. County Barber Lease Z Bar RNG (E/W) 1855 FSL 1930 FWL 8 34 14W 160 Field Aetna Gas Area Reservoir Mississippian Completion Date Plug Back Total Depth Packer Set at
Company M&M Exploration, Inc. County Barber 1855 FSL 1930 FWL Reservoir Aetna Gas Area Lease Z Bar Lease Z Bar Reservoir Mississippian ONFOK Well Number 8-11 Well Number 8-11 Reservoir Gas Gathering Connection ONEOK
M&M Exploration, Inc. County Barber 1855 FSL 1930 FWL Reservoir Aetna Gas Area Z Bar RNG (E/W) Acres Attributed 34 14W 160 Reservoir Mississippian Gas Gathering ONEOK
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Completion Date Plus Back Total Depth Packer Set at
5/14/2013 5125' None
Casing Size Weight Internal Diameter Set at 4.5 Perforations To 4.052 4.5 10.5 4.052 5237' 4764' 4835'
Tubing Size Weight Internal Diameter Set at Perforations To 2.375 4.7 1.995 4770'
Type Completion (Describe) Type Fluid Production Single (Gas) Pump Unit or Traveling Plunger? Yes / No Pump Unit Pump Unit
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G
Annulus 0.1149 1.4077 0.6198
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size
Pressure Buildup: Shut in Sept 29 20 14 at 9:00 (AM) (PM) Taken Sept 30 20 14 at 9:00 (AM) (PM)
Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM)
OBSERVED SURFACE DATA Duration of Shut-in Ho
Static / Orifice
Property (inches) Pressure in psig (Pm) Inches H_20 t t $(P_w) \text{ or } (P_t) \text{ or } (P_c)$ (Pw) or $(P_t) \text{ or } (P_c)$ (Hours) (Barrels)
Shut-In 221 235.4
Flow
FLOW STREAM ATTRIBUTES
Plate Coefficient Meter or Prover Pressure Psia Plate Coefficient (F _b) (F _p) Mcfd Plate Coefficient (F _b) (F _p) Pisa Press Extension Factor F
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_a)^2 = 0.207$
$(P_c)^2 = $: $(P_w)^2 = $: $P_d = $ % $(P_c - 14.4) + 14.4 = $: $(P_d)^2 = $
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 Remited
KANSAS CORPORATION CO
Witness (if any) For Company NOV-0-6-20
For Commission Checked by 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 M&M Exploration, 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 record 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 theZ Bar 8-11 gas well on the grounds that said well:
correct to the best of my knowledge and belief based upon available production summaries and lease record 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 theZ Bar 8-11 gas well on the grounds that said well:
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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 Commis staff as necessary to corroborate this claim for exemption from testing.
Date: October 16, 2014
Signature: Menut
Title: President Received
NOV 0 6 2

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.