RECEIVED

* KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Deliverabi | v ilty | - | Test Date | : | | | | No. 15 -21082-000 | 1 | | | |
|---|---|-------------------------------------|--------------------------------|--|------------------------|--|------------------------------|---|-----------------------|--------------------------------------|---|--|
| ompany I&M Exploration, Inc. | | | | , * 1 | Lease Z Bar | | | | | Well Number | | |
| County Location Barber 1980 FNL 340 FEL | | | Section 31 | | TWP | | | RNG (E/W) | | Acres Attributed | | |
| Field Aetna Gas Are | eld | | | Reservoir Mississippian | | | Gas Gathering Conne ONEOK | | ection | | | |
| Completion Date 12/05/2008 | | | Plug Back Total Depth | | h | Packer Set at None | | | | | | |
| Casing Size 4.5 | | | Internal Diameter 4.052 | | Set at 5931' | | - | Perforations 4789' | | то 4853 ' | | |
| Tubing Size | oing Size Weight | | Internal Diameter 1.995 | | Set at 4901' | | Perforations | | То | То | | |
| Type Completion Single (Gas) | | | Type Fluid | Production | 1 | | Pump Ur Pump | | Plunger? Ye | es / No | | |
| Producing Thru Annulus | | arbon Dioxi | | % Nitrogen 1.0362 | | | | Gas Gravity - G _g 0.6634 | | | | |
| /ertical Depth(H) | | | Pressure Taps | | | | | | | (Meter Run) (Prover) Size | | |
| Pressure Buildu | o: Shutin Au | gust 27 | 13 _{at} 8: | 30 | (AM) (PM) | Taken Au | ugust 28 | 3 20 | 13 _{at} 8:30 | · <i>u</i> | AM) (PM) | |
| Well on Line: | | 20 | | | | | | | | | | |
| | | | · - | OBSERVE | D SURFAC | E DATA | | • | Duration of Sh | ıut-in | Hour | |
| Static / Orific Dynamic Size Property (inche | Meter Prover Press | Prover Pressure in | | Flowing Well Head Temperature | | Casing Wellhead Pressure (P _w) or (P _t) or (P _c) | | Tubing ad Pressure r (P _t) or (P _c) | Duration (Hours) | | Liquid Produced (Barrels) | |
| Shut-In | psig (Pm) | Inches H ₂ 0 | | | psig 49 | psia 63.4 | psig | psia | | | | |
| Flow | | | | | | | | | | | | |
| | ſ | | | FLOW STR | EAM ATTE | RIBUTES | | | | | | |
| Plate Coefficeient (F _b) (F _p) Mcfd | Circle one: Meter or Prover Pressure psia | Press Extension P _m x h | Grav Fact F _g | Temperature | | Deviation Factor F _{pv} | | Metered Flor R (Mcfd) | (Cubic | GOR (Cubic Feet/ Barrel) | | |
| | | | (OPEN FLO | OW) (DELIV | ERABILITY | /) CALCUL | ATIONS | • • • | | P _a) ² = 0.26 |)7 | |
| (P _c) ² = | _: (P _w) ² : | Choose formula 1 or 2: | P _d = . | | % (| P _c - 14.4) + | 14.4 = | · | | P _d) ² = | | |
| $(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_a)^2$ | (P _c) ² - (P _w) ² | | | LOG of formula 1. or 2. and divide by: | | Backpressure Curve Slope = "n" Assigned Standard Slope | | LOG | Antilog | Deli Equals | Open Flow Deliverability Equals R x Antilog (Mcfd) | |
| <u> </u> | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | |
| Open Flow | Flow Mcfd @ 14.65 psia | | | | | | | | Mcfd @ 14.65 psia | | | |
| The undersi | . | on behalf of the | Company, s | | e is duly a | uthorized to | | ne above repo eptember | | has knowl | edge of | |
| | Witness | (if any) | | | - | ~ | nc | nut For | Company | KCC | WICH | |
| | *************************************** | , | | | | | | . • | e- 7 | SEP | 2 3 20 | |

| | eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator M&M Exploration, Inc. | | | | |
|--|---|--|--|--|--|
| | at the foregoing pressure information and statements contained on this application form are true and | | | | |
| orrect | to the best of my knowledge and belief based upon available production summaries and lease records | | | | |
| | oment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the Z Bar 31-2 | | | | |
| | il 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 | | | | |
| l fu | rther agree to supply to the best of my ability any and all supporting documents deemed by Commissic | | | | |
| | necessary to corroborate this claim for exemption from testing. | | | | |
| | | | | | |
|)ate: _ | September 11, 2013 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Signature: Mulut | | | | |
| | Title: President | | | | |
| | | | | | |

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 signed and dated on the front side as though it was a verified report of annual test results.