## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

| Type Test  | :         |               |   |  | (  | See Instri          | uctions on F                                       | leverse  | Side                           | )   |                                       |                                  |  |   |  |
|--|-----------|---------------|---|--|--|---------------------|--|--|--------------------------------|---|---------------------------------------|----------------------------------|--|---|--|
| Open Flow Deliverabilty                                    |           |               |   |  | Test Date                                  |                     | API No. 15<br>07721651-0001                        |  |                                |   |                                       |                                  |  |   |  |
| Company M&M Exploration, Inc.                              |           |               |   |  |  |                     | Lease<br>Lyssy                                     |  |                                |   |                                       | 1-4                              | Well Nu                                | mber  |  |
| County Location Harper 330 FSL 330 FWL                     |           |               |   |  | Section<br>4                               | TWP<br>35           |  |  | RNG (E/W)<br>5W                |   |                                       | Acres A                          | Attributed                             |   |  |
| Field<br>Wiltex Northwest                                  |           |               |   |  | Reservoi                                   |                     |  |  | Gas Gathering Connection Atlas |   | ection                                |                                  |  |   |  |
| Completic<br>03/02/20                                      |           | pletion)      | Plug Bac<br>4950 Ci   | epth   |  |                     |  | Packer Set at<br>None  |                                |   |                                       |                                  |  |   |  |
| Casing Size Weight .5 15.5                                 |           |               |   | Internal I<br>4.950                              |  | Set at<br>5105'     |  | Perforations<br>4551'  |                                | <sub>То</sub><br>4556'  |                                       |                                  |  |   |  |
| Tubing Size Weight 2.375 4.7                               |           |               |   | Internal I<br>1.995                              |  | Set at <b>4575'</b> |  |  | rations                        | То  |                                       |                                  |  |   |  |
| Type Completion (Describe) Single (Gas)                    |           |               |   |  | Type Flui<br>Saltwa                        | tion                | _  |  |                                | Pump Unit or Traveling Plunger? No                                |                                       |                                  |  |   |  |
| Producing Thru (Annulus / Tubing) Tubing                   |           |               |   |  | % C  | oxide               | % Nitrogen<br>19.4754                              |  |                                |   | Gas Gravity - G <sub>s</sub><br>0.733 |                                  |  |   |  |
| Vertical Depth(H)  |           |               |   |  |  | essure Taps         |  |  |                                | <u>*</u>  |                                       |                                  | rover) Size                            |   |  |
| Pressure Well on L   |           |               |   |  |  |                     |  |  |                                |   |                                       | 13 <sub>at</sub> 9:30            |  |   |  |
|  |           |               |   |  |  |                     | VED SURFA  |  |                                |   |                                       | Duration of Shut-                |  | <u>_</u>  |  |
| Static /<br>Dynamic<br>Property                            | amic Size |               | Circle one:  Meter Prover Pressure psig (Pm)                    | Pressure Differential in Inches H <sub>0</sub> 0 | Flowing<br>Temperature<br>t                | Well Hea            | wellher (P <sub>w</sub> ) or                       | Casing<br>lead Pressure<br>or (P <sub>t</sub> ) or (P <sub>c</sub> ) |                                | Tubing  Wellhead Pressure $(P_w)$ or $(P_1)$ or $(P_c)$ psig psia |                                       |                                  |  | id Produced<br>Barrels)                                     |  |
| Shut-In  |           |               | poig (i my  | 110.100 1720                                     |  |                     | 600  | 61   |                                | 375   | 389.4                                 |                                  |  |   |  |
| Flow   |           |               |   |  | <del></del>                                |                     |  |  |                                |   |                                       |                                  |  |   |  |
|  |           |               | a   |  |  | FLOW S              | TREAM AT   | TRIBUT   | ES                             |   | #.W.1                                 |                                  |  | rii   |  |
| Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd |           |               | Circle one:  Meter or over Pressure psia  Press Extension  Pmxh |  | Gravity Factor F                           |                     | Flowing<br>Temperatur<br>Factor<br>F <sub>ft</sub> | emperature Fa<br>Factor F  |                                | iation Metered Flow<br>ctor R<br>(Mcfd)                           |                                       | w GOR<br>(Cubic Feet/<br>Barrel) |  | Flowing<br>Fluid<br>Gravity<br>G <sub>m</sub>               |  |
| <b></b>  | ,         |               |   |  |  |                     |  |  |                                |   |                                       |                                  |  |   |  |
| (P_)² =  |           | :             | (P <sub>w</sub> ) <sup>2</sup> =                                | :  | •  | OW) (DEI            | LIVERABILI'<br>%                                   | -  |                                | ATIONS<br>14.4 =  | :                                     |                                  | $r^2 = 0.2$ $r^2 = \underline{\qquad}$ |   |  |
| $(P_c)^2 - (P_a)^2$<br>or<br>$(P_c)^2 - (P_d)^2$           |           |               | Choose formu  |  | LOG of formula 1. or 2. and divide p 2 p 2 |                     | Back   | Backpressure Curv Slope = "n"or Assigned Standard Slope              |                                | n x   | ГЛ                                    | Antilog                          | O<br>De<br>Equal:                      | Open Flow<br>Deliverability<br>Equals R x Antilog<br>(Mcfd) |  |
|  |           |               |   |  |  |                     |  |  |                                |   |                                       |                                  |  |   |  |
|  |           |               |   | M-VIC ::   | 05 1 -                                     |                     | Dell   |  |                                |   |                                       | Mod @ 44.05 ==                   | ia.                                    |   |  |
| Open Flo   |           |               |   | Mcfd @ 14.                                       | · · · · · · · · · · · · · · · · · · ·      |                     | Deliver  |  |                                |   |                                       | Mcfd @ 14.65 ps                  |  | dada:   |  |
|  |           | -             | -   | behalf of the                                    |  |                     |  |  |                                | _   | e above reposer                       | ort and that he ha               |  | vledge of 20 13   |  |
|  |           | <del></del> , | Witness (If   | any)   |  |                     | _  |  | (                              | me  | enu                                   | Company                          | KC                                     | C WIC   |  |
|  |           |               |   |  |  |                     | _  |  |                                |   |                                       |                                  | _SI                                    | EP 23 2   |  |
|  |           |               | For Commis  | SION   |  |                     |  |  |                                |   | Che                                   | ecked 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 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 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 Lyssy 1-4 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: September 11, 2013   |
|  |
| Signature:   |
| Title: _Flesiderit   |

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. **KCC WICHITA**