KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | | | | | (| See Instrud | ctions on Re | verse Side | 9) | | | |
|--|----------------------|------------|--|--|--|--|--|---|--|-----------------------------|--|---|
| _ ` | en Flow liverabil | | | | Test Date | : : | | | | No. 15 22901 <i>— 00</i> | 00 | |
| Company M&M Ex | | on, l | nc. | | | | Lease Z Bar | _ | _ | | 10-13 | Well Number |
| County Location Barber 1400 FSL 1000FWL | | | Section 10 | | TWP 34 | | RNG (E/W) 15W | | Acres Attributed 160 | | | |
| Field Aetna G | as Are | а | | | Reservoir Ft. Scot | | • | | Gas Gat | thering Conne | ection | |
| Completion 04/05/20 | | | | | Plug Bac 4732' | k Total Dep | oth | - | Packer 8 None | Set at | | , |
| Casing S 5.5 | ize | | Weight 15.5 | <u> </u> | Internal E 4.950 | Diameter | Set - 504 | | Perfo 469 | rations 8' | то 4706' | |
| Tubing S 2.375 | ize | | Weight | | Internal E 1.995 | Diameter | Set : 468 | | Perfo | rations | То | |
| Type Cor Single (| | (De | scribe) | - | • • | d Production ter/Crude | | | Pump U | | Plunger? Yes | / No |
| Producing Thru (Annulus / Tubing) Annulus | | |) | % Carbon Dioxide 0.065 | | | | % Nitrog | | | Gas Gravity - G _o 0.6777 | |
| Vertical D | - Depth(H) | | | | | Pre | ssure Taps | | | | | Run) (Prover) Size |
| Pressure | Buildup | : 5 | Shut in Sep | t 11 2 | 0 14 at 1 | 0:00 | _ (AM) (PM) | Taken_S | ept 12 | 20 | 14 _{at} 10:00 | (AM) (PM) |
| Well on L | .ine: | | | | 0 at | | _ (AM) (PM) | Taken | | 20 | at | (AM) (PM) |
| | - | | | | | OBSERV | ED SURFAC | E DATA | | | Duration of Shut- | -in Hours |
| Static / Dynamic Property | Orifice Meter | | Circle one: Meter Prover Pressu psig (Pm) | Pressure Differential in Inches H _o 0 | Differential Temperature | |) t (P _w) or (P ₁) | | • | | Duration (Hours) | Liquid Produced (Barrels) |
| Shut-In | | | | | | | psig 22 | 96.4 | psig | psia | | |
| Flow | | | | | | | | | | | | |
| | | | Circle one: | | | FLOW ST | REAM ATTE | RIBUTES | | | | Florida |
| Plate Coefficient (F _b) (F _p) Mcfd | | | Meter or ver Pressure psia | Press Extension ✓ P _m xh | Grav Fac F | tor | Flowing Temperature Factor F _{ft} | | Deviation I Factor F _{pv} | | w GOR (Cubic Fe Barrel) | l Gravity |
| | | | | | (OPEN FL | OW) (DELI | | /) CALCUI | ATIONS | | | |
| (P _c) ² = | | <u>.</u> : | | <u> </u> | P _d = | | | P _o - 14.4) + | | : | |) ² = 0.207) ² = |
| (P _c) ² - (l or (P _c) ² - (l | | (P, |)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: $P_c^2 - P_d^2$ | LOG of formula 1. or 2. and divide | P _c ² ·P _w ² | Slo As | essurè Curve pe = "n" or ssigned dard Slope | l n x | LOG | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) |
| | | | | | | | | | | | | |
| | | | | | <u> </u> | · | | | | | | |
| Open Flo | | ned | authority or | Mcfd @ 14. | • | states that | Deliveral | <u> </u> | to make t | he above reno | Mcfd @ 14.65 ps ort and that he ha | _ |
| | | | • | id report is true | | | • | | | - | | , 20 _14 |
| | | | | _ | | | | 1 | ne | October W | KANS/ | Received AS CORPORATION COMMIS |
| | | | Witness (if | | _ | | | | | For | Company | NOV 0 6 2014 |
| | | | For Commi | ssion | | | | | | Che | cked by C(| ONSERVATION DIVISION WICHITA, KS |

| exempt status (| ander penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator M&M Exploration, Inc. Tregoing pressure information and statements contained on this application form are true and |
|-------------------------------------|---|
| correct to the b of equipment ir | est of my knowledge and belief based upon available production summaries and lease records stallation and/or upon type of completion or upon use being made of the gas well herein named. Quest a one-year exemption from open flow testing for theZ Bar 10-13 |
| | grounds that said well: |
| I further ag | 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 ree to supply to the best of my ability any and all supporting documents deemed by Commissio ary to corroborate this claim for exemption from testing. |
| | Signature: Myenwt 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 Received become 31 of the year for which it's intended to acquire exempt status for the subject well-with becomes signed and dated on the front side as though it was a verified report of annual test results.

NOV 0 6 2014