KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Reservoir Gas Gathering Connection ONEOK FIELD SERVICES | Type Test | : | | | | (| See Instruct | ions on Reve | erse Side, |) | | | | | |
|---|---|--------------|--|------------------------|--|------------------------------------|---|-------------------|-------------------------------|-------------------|------------------|----------------------------|---------------|---------------------------------------|--|
| MTM PETROLEUM, INC. | Op | en Flov | V | | | Test Date | | | | ΔDI | No. 15 | | | | |
| MTM PETROLEUM, INC. MONEY | Del | liverabi | ity | | | | • | | | | | 00-00 | | | |
| Country | Company MTM P | ETRO | DLE | UM, INC. | , | 110000 | | | | | | | | | |
| SPIVEY-GRABS MISSISSIPPI ONEOK FIELD SERVICES Completion Date Completion Date Completion Date Plug Back Total Depth 4249 Packer Set at 10/15/62 4249 Packer Set at 10/15/62 4250 Purp Life Production Flug Back Total Diameter Set at Perforations To 4172 4181 4181 4181 4181 4181 4181 4181 At 181 Type Completion (Describe) SINGLE GAS Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Ges Gravity - G, PUMP PING FLANGE Pressure Buildup: Stud in 7/27 20 14 at 12:45 (AM) (PM) Taken 7/28 20 14 at 12:45 (AM) (PM) Taken 7/28 Satist/ Onlice Size Property (Inches) Prossure Buildup: Prossure Buildup: Started OBSERVED SURFACE DATA OBSERVED SURFACE DATA Duration of Shut-In Hours Shut-in Differential Pressure Property (Inches) Prossure Pressure Property (Inches) Prossure Property Prossure Property Prossure Property Prover Pressure | County | | | Locati | on | | | | | - | W) | | | attributed | |
| 10/15/62 | Field SPIVEY- | -GRAE | 3S | | | | | | | Gas Gath | nering Conne | ection RVICES | | | |
| 4.5 9.5 3.927 4.265 4.170 4.172 Tubing Size Weight 1.955 4.181 4181 4181 4181 2.375 4.7 1.995 4.181 4181 4181 4181 Type Completion (Describe) Sincil / Dynamic Size (Inches) Stated 2.0 at (AM) (PM) Taken 7/28 20 14 at 12:45 (AM) (PM) Taken 7/28 20 15 at (AM) (PM) Taken 7/28 20 16 at (AM) (PM) Taken 7/28 20 17 at 12:45 (AM) (PM) Taken 7/28 20 18 at 12:45 (AM) (PM) Taken 7/28 20 19 at (AM) (PM) Taken 7/28 20 at (AM) (| • | | 9 | | | _ | k Total Dept | h | | Packer S | et at | HBM | *** | | |
| Tubing Size 4.7 Internal Diameter Set at 4181 Partorations 4181 1.995 4.7 Internal Diameter Set at 4181 Partorations 4181 1.995 Filid Production Pump Unit or Traveling Plunger? Yes / No PUMPING SINGLE SINGLE GAS PUMPING Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G _g TUBING Vertical Depth(*) Pressure Taps (Meter Run) (Prover) Size 2" Pressure Buildup: Shut in 7/27 20 14 at 12:45 (AM) (PM) Taken 7/28 20 14 at 12:45 (AM) (PM) Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM) Taken 10 at (AM) (PM) OBSERVED SURFACE DATA Duration of Shut-in Hours Shut-in Prover Pressure Differential Temperature Interpretation Inches H,0 Inches | Casing Si | ize | | • | nt | | Diameter | | | | | | | | |
| Type Completion (Describe) Type Fluid Production GAS PUMPING PUMPING Producting Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G., (Meter Furn) (Prover) Size 2" Pressure Buildup: Shut in 7/27 20 14 at 12:45 (AM) (PM) Taken 7/28 20 14 at 12:45 (AM) (PM) Taken 20 at (AM) (PM) Well on Line: Static / Orifice Size (Prover Pressure Prover Pressure Prover Pressure Prover Pressure Plate Coefficient Coefficient (F) (F) (F) Medid Plate Coefficient (F) (F) (F) Medid Plate Coefficient Coefficient (F) (F) (F) Medid Plate Coefficient (F) (F) (F) Medid Plate Coefficient (F) (F) (F) Medid Pressure Press | Tubing Si | ize | | • | nt | | Diameter | | | | | | | | |
| TUBING **TUBING** **TUBING** **TUBING** **TUBING** **Pressure Taps** **FLANGE** **Pressure Buildup: Shut in 7/27 20.14 at 12:45 (AM) (PM) Taken 7/28 20.14 at 12:45 (AM) (PM) **Well on Line: Started | Type Con | | ı (De | | - | Type Flui | d Production | | | Pump Un | nit or Traveling | | / No | | |
| Vertical Depth(H) | Producing | Thru | (Anr | ulus / Tubin | g) | | arbon Dioxi | de | • | | | Gas G | ravity - (| a _g | |
| Pressure Buildup: Shut in | | |) | - | | | Pres | sure Taps | | | | (Meter | Run) (P | rover) Size | |
| OBSERVED SURFACE DATA Duration of Shut-in | 4255 | | | | | | FLAI | NGE . | | | | 2" | | | |
| Static / Orifice Meter Dynamic Size Properly (Inches) Psig (Pm) Inches H ₂ 0 Pressure Inches H ₂ 0 Pressure Properly (Inches) Psig (Pm) Inches H ₂ 0 Pressure Properly (Inches) Psig (Pm) Inches H ₂ 0 Pressure Properly (Inches) Psig (Pm) Inches H ₂ 0 Pressure Properly (Inches) Psig (Pm) Inches H ₂ 0 Pressure Properly (Inches) Psig (Pm) Inches H ₂ 0 Pressure Psig (Pm) Pressure Properly (Pm) (Pm) (Pm) (Pm) (Pm) (Pm) (Pm) (Pm) | Pressure | Buildu | p: 4 | Shut in 7/2 | 72 | 20 14 at 1 | 2:45 | (AM) (PM) | Taken_7/ | 28 | 20 | 14 at 12:45 | (| (AM) (PM) | |
| Static / Dynamic Size Dynamic Size Dynamic Size (Inches) Prover | Well on L | ine: | : | Started | 2 | 20 at | | (AM) (PM) | Taken | | 20 | at | | (AM) (PM) | |
| Method Pressure Flowing Flowin | | | | | | 1 | OBSERVE | D SURFACE | DATA | | | Duration of Shut | -in | Hours | |
| Shut-In 160 SANSAS CORPORATION COMMISSION Flowing Flowin | Dynamic | Dynamic Size | | Meter Prover Pressi | Differential in | Temperature Temperature | | Wellhead Pressure | | Wellhead Pressure | | 1 | | · · · · · · · · · · · · · · · · · · · | |
| FLOW STREAM ATTRIBUTES Plate Coefficient Coefficien | Shut-In | | | psig (Pm) | Inches H ₂ 0 | | | psig | psia | | -+ | Receive NSAS CORPORATIO | ed N COMMI | SSION | |
| FLOW STREAM ATTRIBUTES Conservation Devision Metered Flow Michael R (F _b) (F _c) Michael (F _b) (F _c) Michael (F _b) (F _c) Michael R Mi | Flow | | | | | | | | | | | | | | |
| Plate Coefficient (F _p) (F _p | | | , | | | | FLOW STR | EAM ATTRI | BUTES | | | | | | |
| (P _c) ² = : (P _w) ² = : P _d = % (P _c - 14.4) + 14.4 = : (P _d) ² = : (P _d) | Coeffictient (F _b) (F _p) | | Meter or Prover Pressure | | Extension | Fac | Factor | | Temperature Factor | | R | WICHTA (Cubic F | KS eet/ | Flowing Fluid Gravity | |
| (P _c) ² = : (P _w) ² = : P _d = % (P _c - 14.4) + 14.4 = : (P _d) ² = : (P _d) | <u></u> | | | | | | | | | | | | - | | |
| Choose formula 1 or 2: 1. P _e ² - P _e ² or (P _e) ² - (P _g) ² Open Flow Deliverability Equals R x Antilog (Mcfd) Open Flow Deliverability Equals R x Antilog Open | | | | 10 | | | | _ | | | | | | .07 | |
| Open Flow Mode 14.65 psia Open Flow Mode 14.65 psia Deliverability 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 Standard Slope Described Note Standard Slope Note Standard Slop | (P _c) ² = | ī | <u>-</u> : | (P _w)*= | | | | | | - | : | (P _a |)* = | | |
| 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 | or | | (P _c)²- (P _w)² | | 1. P _d ² -P _a ² 2. P _c ² -P _d ² | LOG of formula 1, or 2, and divide | formula 1. or 2. and divide p 2 p 2 | | Slope = "n" or Assigned | | rog | Antilog | Del Equals | iverability R x Antilog | |
| 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 | | | | _ | | | | | · · | | | | | | |
| 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 | | | | | | | | <u> </u> | _ | | | | | j | |
| the facts stated therein, and that said report is true and correct. Executed this the 8th day of December , 20 14 | Open Flo | w | | | Mcfd @ 14 | .65 psia | | Deliverabi | lity | | | Mcfd @ 14.65 ps | sia | | |
| Man Mit | | | | | | | | | | | | ort and that he h | | | |
| Witness (if any) Witness (if any) | the facts s | tated t | nerei | n, and that s | aid report is tru | e and correc | t. Executed | this the 8th | 1 N | day of . D | ecember | Ma | 5 | 20 <u>14</u> . | |
| / | | | | Witness (| if any) | | | | !! | des | For | Company Company | | <u>-</u> - | |
| For Commission Checked by | | | | For Comm | nission | | - m | _ | (| -, | Che | cked 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 MTM PETROLEUM, 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 LANWAL #2 |
| gas well on the grounds that said well: |
| Received (Check one) KANSAS CORPORATION COMMISSION |
| is a coalbed methane producer DEC 1 5 2014 |
| is cycled on plunger lift due to water CONSERVATION DIVISION WICHITA, KS 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: _12/8/2014 |
| M M A |
| Title: MARVIN A. MILLER, 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 form must be signed and dated on the front side as though it was a verified report of annual test results.