KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| | | Test Date: 8/3/2013 | | | | API N 15-0 | 40. 15 95- 25-25 | 0,848-0 | 002 | | |
|--|---|---|--|--|--|--|--------------------------------------|--|---|--|--|
| UM, INC. | newstranscounts | 0/0/2010 | | Lease KREHBIE | L "A" | | · hadra grade | #1 | Well Nu | mber | |
| ounty Location NGMAN SE SE SW | | Section 10 | | TWP 30S | | RNG (E/W) 7W | | | Acres Attributed | | |
| | 7 | | SIPPI | | | | | | | | |
| completion Date /4/1956 | | | Plug Back Total Depth 4109 | | | Packer Se NONE | et at | · · · · · · | | : | |
| Weight 11.6 | | Internal Diameter 4.005 | | Set at 4109 | | Perforations 4095 | | To 410 9 | | | |
| Weight | | Internal Diameter | | Set at 4055 | | Perforations 4045 | | To 404 | 5 | | |
| 2.375 4.7 Type Completion (Describe) SINGLE | | | Type Fluid Production | | | Pump Unit or Traveling Plunger? | | | Yes / No | | |
| ulus / Tubing) | | | | de | | % Nitroge | en | Gas | Gravity - | G ₉ | |
| FUBING Vertical Depth(H) 4109 | | | Pressure Taps FLANGE | | | | | (Mete | r Run) (P | rover) Size | |
| Shut in 8/2 | 20 | 13 at 10 | 0:15(| (AM) (PM) 1 | aken 8/ | 3 | 20 | 13 at 10:1 | 5(| (PM) | |
| Started | 20 | at | | | | | 20 | at | | (AM) (PM) | |
| | | | OBSERVE | D SURFACE | DATA | | | Duration of Sh | ut∙in | Hou | |
| ynamic Size Meter Differe | | Flowing Well Head Temperature t t | | Casing Wellhead Pressure (P_w) or (P_1) or (P_a) psig psia | | Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia | | Duration (Hours) | | Liquid Produced (Barrels) , | |
| | | | | 160 | | | | | | | |
| | | | | | | | | · | | | |
| | | - | FLOW STR | EAM ATTRIE | UTES | | | | | 1 | |
| Plate Coefficient (F _b) (F _p) Mcfd Coefficient Coefficient Meter or Prover Pressure psia Pmxh | | Gravity Factor F _g | | Deviation | | actor | Metered Flow R (McId) | (Cubic | GOR (Cubic Feet/ Barrel) | | |
| | | (OPEN FLO | OW) (DELIVI | ERABILITY) | CALCUL | ATIONS | | | | | |
| (P _w) ² = | : | | | | | | _: | - | | 207 | |
| $ \begin{array}{c c} (P_e)^2 - (P_a)^2 & (P_e)^2 - (P_w)^2 & 1. \ P_e^2 - 1 \\ or \\ (P_e)^2 - (P_g)^2 & 2. \ P_e^2 - 1 \\ \end{array} $ | | LOG of formula 1, or 2. | | Slope = "n" | | n v i | og [| Antilog | Open Flow Deliverability Equats R x Antilog (Mcfd) | | |
| | | | | | <u> </u> | | | | | | |
| | Mcfd @ 14.6 | 5 psia | | Deliverabil | ity | | | Mcfd @ 14.65 | osia | | |
| | | | | | | ο. | | rt and that he | has know | ledge of | |
| Witness (if an | y) | | KC | C WIC | HITA | e | For C | отрапу | | <u> </u> | |
| | Weight 11.6 Weight 4.7 scribe) Ulus / Tubing) Shut in Circle one: Meter Prover Pressure psig (Pm) Circle one: Meter Or or ver Pressure psia (P_*)² = | Use SE SW Weight 11.6 Weight 4.7 Scribe) Ulus / Tubing) Shut in 8/2 Circle one: Meter Prover Pressure psig (Pm) Circle one: Meter or ver Pressure psia Press Extension ✓ P _m x h Choose farmula 1 or 2: 1. P _c ² · P _c ² 2. P _c ² · P _c ² divided by: P _c ² · P _c ² · Mctd @ 14.6 Lauthority, on behalf of the C | Location SE SE SW 10 Reservoir MISSISS Plug Back 4109 Weight 11.6 4.005 Weight 4.7 1.995 Scribe) Scribe) Scribe) Scribe) Scribe) Pressure Proyer Pressure Posig (Pm) Pressure Proyer Pressure Posig (Pm) Pressure Proyer Pressure Posig (Pm) Pressure Proyer Pressure Proyer Pressure Posig (Pm) Pressure Proyer Pressure Proyer Pressure Posig (Pm) Press Extension Fact Press Extension Press Extension Fres Extension | Location SE SE SW 10 Reservoir MISSISSIPPI Plug Back Total Deptl 4109 Weight Internal Diameter 4.005 Weight 4.7 1.995 Scribe) Type Fluid Production GAS & WATER 1.995 Worker Pressure Differential Flowing Temperature T | Location Section TWP SE SE SW 10 30S Reservoir MISSISSIPPI Plug Back Total Depth 4109 Weight Internal Diameter Set at 4.005 4109 Weight Internal Diameter Set at 1.995 4055 Scribe) Type Fluid Production GAS & WATER Ulus / Tubing) % Carbon Dioxide Pressure Taps FLANGE Shut in 8/2 20 13 at 10:15 (AM) (PM) Total Carbon Dioxide OBSERVED SURFACE Orcire one: Mater Prover Pressure In Inches H ₂ 0 Temperature Temperature Temperature Prover Pressure Inches H ₂ 0 Temperature Temperature Factor F | Location SE SE SW 10 30S Reservoir MISSISSIPPI Plug Back Total Depth 4109 Weight Internal Diameter Set at 4,705 4109 Weight Internal Diameter Set at 1,995 4055 Scribe) Type Fluid Production GAS & WATER Ulus / Tubing) % Carbon Dioxide Pressure Taps FLANGE Shut in 8/2 20 13 at 10:15 (AM) (PM) Taken 8/2 Shut in 8/2 20 at (AM) (PM) Taken 8/2 Shut in Provar Pressure Differential Inches H ₂ 0 (Pm) Inches H ₂ 0 (Pm) (Pm) Inches H ₂ 0 (Pm) (Pm) (Pm) (Pm) (Pm) (Pm) (Pm) (Pm) | Location Section TWP 30S 77W | Location Section TWP RING (EW) TWP Taken Section SE SE SW 10 30S 7W Gas Gathering Connection MISSISSIPPI Gas Gathering Connection MISSISSIPPI Packer Set at NONE The transport of the transport | Docation Section TWP ANG (E/W) | Location SE SE SW 10 Section SE SE SW 10 Reservoir Reservoir RISSISSIPPI Reservoir RISSISSIPPI Plug Back Total Depth 4109 Weight Internal Diameter 11.6 4.05 4.05 4.109 Weight Internal Diameter Set at NONE Weight Internal Diameter Set at 11.995 Weight Internal Diameter Set at 1.995 4.05 4.05 4.05 4.05 4.05 4.05 4.05 4.045 4.045 4.045 4.07 1.995 Weight Internal Diameter Set at Perforations To Aud 5 4.77 1.995 Weight Internal Diameter Set at Perforations To Aud 5 4.77 1.995 Weight Internal Diameter Set at Perforations To Aud 5 4.07 Pump Unit or Traveling Plunger? Yes / No PUMPING Gas Gravity - I Pressure Taps FLANGE Pressure Taps FLANGE Pressure FLANGE Pressure Started 20 at 10:15 And (PM) Taken 20 at 10:15 Concert ener Differential Proved Pressure paig (Pm) Inches H,0 Tobing Weil Head Temperature Pressure paig (Pm) Inches H,0 Temperature Flowing Temperature Temperature Flowing Temperature Tempe | |

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| 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 KREHBIEL "A" #1 gas well on the grounds that said well: (Check one) (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. 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: 12/5/2013 Signature: MARVIN A. MILLER, PRESIDENT | | |
|--|--------------------|---|
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| Signature: Man of miles | | |
| (12) | Date: 12/5/2013 | · |
| (12) | | |
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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

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