KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | | | 9 | | | (8 | See Instr | ucti | ons on Rev | erse Side |) | | | - | | |
|--|--------|------|---|--|----------------------------|--|----------------------------|--|----------------------|---|---------------------------------|--|--------------------------------|--|---|---|
| ✓ Open Flow Deliverability | | | | | 7 | Test Date: 12/21/2015 | | | | | API No. 15 15-025-20051-0001 | | | | | |
| Company MIDCO Exploration, Inc. | | | | | Lease Shaw | | | | | | | | | Well Number | | |
| County Location Clark 110' N C NW | | | | | Section TWP 10 345 | | | | RNG (E/W) 23W | | | Acres Attributed | | | | |
| Flefd BIG SA | ND (| CRE | · · · · · | | | Reservoir CHEST | | ME | | | Gas Gat | hering Conn CO | ection | | • • • | |
| Completic 1/17/20 | | е | | ·- | | Plug Back Total Depth 5530 | | | | Packer Set at NONE | | | | | | |
| Casing Size Weight | | | | | Internal Diameter 4.090 | | | Set at 5718 | | Perforations 5474 | | то 5484 | | | | |
| Tubing Size Weight 2.375 4.7 | | | | Internal Diameter 1.995" | | | Set at 5460 | | Perforations | | То | | | | | |
| Type Completion (Describe) SINGLE GAS | | | | Type Fluid Production WATER | | | | | | nit or Traveling | Plunger | ? Yes | / No | | | |
| Producing | - | (Ani | nulus / Tubin | g) | | % C | arbon Di | oxio | te | | % Nitrog | | | Gas Gra | avity - (| 3, |
| Vertical Depth(H) 5479 | | | | | Pressure Taps FLANGE | | | | | (Meter Run) (Prover) | | | | rover) Size | | |
| Pressure | Buildu | p: | Shut in 12 | /20 | 20 | 15 _{at} 1 | | | | Taken | 12/21 | 20 | .5 at. | 10:0 | 0 (| AM) (PM) |
| Well on L | ine: | | Started <u>12</u> | /21 | 20 | <u> 1</u> 5 _{at} 1 | 0:00 | _ | (AM) (PM) | Taken | | 20 | at _ | | (| AM) (PM) |
| | | | | | | | OBSER | VE | SURFACE | | | | Duration | of Shut- | in | Hours |
| Static / Orifice Dynamic Size Property (Inches | | .e | Circle one: Mater Prover Press psig (Pm) | Pressure Differentia ure in inches H, | Temperature Temp | | Well Hea Temperate t | perature Well | | | | fubling ad Pressure r (P ₁) or (P ₀) | Duration (Hours) | | Liquid Produced : (Barrels) | |
| Shut-In | | | | | | | | | 105 | pate | paig | poid | _ ` ` | | | |
| Flow | _ | | | | <u> </u> | | | | | | | | | | | |
| Plate | | | Circle one: | T | \neg | | | TRI | EAM ATTRI | | | · | - | | | Flourian |
| Coeffictent (F _b) (F _p) Mcfd | | Pro | Meter of over Pressure pala | Press Extension √ P _m x h | . 1 | Gravity Factor F _g | | Temperature Factor F _{II} | | Deviation Factor F _{pv} | | Metered Flow R (Mcfd) | GOR (Cubic Feet/ Barrel) | | et/ | Flowing Fluid Gravity G _e |
| | | | | | | | | | | | | | | • | | |
| (P _c) ² = | | , | (P _w) ² = | . : | (0 | PEN FLO | OW) (DEL | .IVE % | RABILITY) | CALCUL - 14.4) + | | | | (P _a)² (P _d)² | = 0.2 | 07 |
| $(P_o)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$ | | (F | P _c)2- (P _w)2 | Choose formula 1 of 1. Po - Pa 2. Po - Pd divided by: Po - Fd | | LOG of formula 1. or 2. and divide by: | |] | Backpres Slop | sure Curve e = "n" or igned ird Slope | · 1 | roe | Antilog | | Open Flow Deliverability Equals R x Antilog (Mcfd) | |
| | | | | | | | | | | | | | | | | |
| | · | | <u>-</u> | | | <u> </u> | | | | | <u> </u> | | | | | <u> </u> |
| Open Flo | | | | Mcfd @ 1 | | | | | Deliverabi | | | | | 14.65 psl | | |
| | | • | •• | n behalf of th ald report is tr | | | | | • | | | ie above repo January | rt and th | at he ha | | edge of |
| | · | | | ··· | | | | _ | _1 | MIDCO | EXPL | ORATION | | e - • • · | | |
| | | | Wilness | (if eny) | | KANSA | Rec | cei | ved ON COMMISS | | | ForC | Company | | | |
| | | | For Com | nission | | | | WII | UN COMMISS | ION | | Che | ked by | - | | |

JAN 1 4 2016

| 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 MIDCO 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 Shaw #1-10 |
| gas well on the grounds that said well: |
| 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: 1/11/2016 |
| Signature: |
| Title: Vice-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 filled 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.