KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test: Open Flow Deliverabilty | | | | (See Instructions on Reverse Since $12/23/2015$ | | | | API | No. 15 -20037-00- | -02 | | |
|---------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------|--------------|------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------|---------------------------------------|----------------------------|-----------------------------------------------------------|-----------|
| Company MIDCO Exploration, Inc. | | | Lease McCarty OW | | | owwo | | | | Well Number #19-1 | | |
| County Location Clark W/2 E/2 NW SE | | Section 19 | | TWP 33S | WP RNG (E/W) | | W) | | Acres Attribute | ad . | | |
| Field Wildcat | | | Reservoir Mississi | | | | Gas Gathering CLARCO | | nection | | | |
| Completion Date 01/27/2010 | | | | Plug Bac | k Total Dept | oth | | Packer Set at | | | | |
| Casing S 7.785 | ···· | | t | Internal Diameter | | Set at 7250 | | Perforations | | To | | |
| Tubing Si 2.375 | bing Size Weight 375 4.7 | | t | Internal Diameter 1.995 | | Set at 5500 | | Perforations 5406 | | то 5414 | | |
| | Type Completion (Describe) SINGLE | | Type Fluid Production WATER | | | , | | it or Travelin | g Plunger? Yes | s / No | | |
| Producing TUBING | • | nulus / Tubing | 3) | % C | arbon Dioxid | de | | % Nitrog | en | Gas 0 | Gravity - G | |
| Vertical D | | | <u> </u> | | Press | sure Taps | : | | | (Meter | r Run) (Prover) S | Size |
| Pressure | Buildup: | | 22 2 | 015 at 1 | 0:00 | (AM) (BM) 1 | raken_) | 2/23 | 20 | 15 at 10:00 |)(AM) (P | |
| Well on L | ine: | Started 12 | <u>/23</u> 2 | o 15 at 1 | 0:00 | (AM) (BM) 1 | Taken | | 20 | at | (AM) (P | M) |
| | | | | | OBSERVE | D SURFACE | DATA | | - | Duration of Shu | ıt-in 24 | loure |
| Static / Dynamic Property | Static / Orifice Meter Differential ynamic Size Prover Pressure in | | Pressure Differential in Inches H ₂ 0 | Flowing Well Head Temperature Temperature t t | | Casing Wellhead Pressure (P_w) or (P_1) or (P_c) psig paia | | Tubing Wellhead Pressure (P_{ψ}) or (P_{l}) or (P_{q}) psig psia | | . Duration (Hours) | Liquid Produc (Barrels) | ed: |
| Shut-In | | 1 1 1 1 | | | | 105 | рыр | parg | - pera | | + | |
| Flow | | | | | | | | | | | | |
| | | | | | FLOW STR | EAM ATTRIE | UTES | | | | | |
| Plate Coefficient (F _b) (F _p) Mold | | ### Circle one: Meter or | | Gravity Factor F _g | | Flowing emperature Factor F ₆₁ | Deviation N Factor F _{pv} | | Metered Flo R (Mold) | w GOF (Cubic F Barre | Feet/ Flui | d lity |
| L | | | <u> </u> | | | | | | | | | |
| (P _c) ² = | : | (P _w)² = | <u></u> ; | (OPEN FL | • • | ERABILITY) (P。 | | .ATIONS · 14.4 ⊭ | : | |) ² = . 0.207 _d) ² = | |
| (P _a) ² - (P _a) ² - (| - | (P ₀)2- (P _w)2 | Choose termula 1 or 2 1. Po - Po 2. Po - Po divided by: Po - Po | LOG of formula 1. or 2. and divide | b.s. b.s. | |) = "n")r gned | n x t | .og [] | Antilog | Open Flow Deliverabilit Equals R x An (Mold) | ty |
| | | | | | | 1 | | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | | <u></u> | | | | | | | <u> </u> | |
| Open Flow Mcfd @ 14. | | | | 65 psia | | Deliverability | | | Mcfd @ 14.65 psla | | | |
| | | - | | | | | | | | ort and that he h | - | |
| the facis i | nain naisi | eni, and mat S | | | 5 | 1 | | | - | J. INC. | , 20 | |
| - | | Witness (| If any) | | | | | | For | Company | | |
| | | ForComm | alssion | J# | N 142 | .UID — | . | | Che | cked by | | |

| exempt status under Rule K.A.R. and that the foregoing pressure correct to the best of my knowled of equipment installation and/or a hereby request a one-year | erjury under the laws of the state of Kansas that I am authorized to request 82-3-304 on behalf of the operator MIDCO EXPLORATION, INC. Information and statements contained on this application form are true and dige and belief based upon available production summaries and lease records upon type of completion or upon use being made of the gas well herein named. exemption from open flow testing for the McCarty #19-1 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| is cycled on p is a source of is on vacuum is not capable | nethane producer blunger lift due to water f natural gas for injection into an oil reservoir undergoing ER at the present time; KCC approval Docket No of producing at a dally rate in excess of 250 mcf/D the best of my ability any and all supporting documents deemed by Commission |
| Staff as necessary to corroborate Date: 1/11/2016 | e this claim for exemption from testing. |
| | Signature: |

Instructions:

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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.