KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | t: | | 0.12 | | (| See Instruc | tions on Rev | erse Side | ·) | | | | |
|--|----------------------|----------------|--|--|---|-------------|--------------------------------|--|-------------------------|---|---------------------------------------|---|------------------------------------|
| ✓ Open Flow Deliverabilty | | | | Test Date | Test Date: 12/12/2013 | | | API No. 15 025-20721 ~ 0000 | | | | | |
| Company MIDCO Exploration, Inc. | | | Lease BAKER | | | | | #1 | Well No | ımber | | | |
| County CLARK | | | Location C SW/4 | | Section 20 | | TWP 33S | | | /W) | | Acres | Attributed |
| Field ACRES WEST | | | | | Reservoir CHESTER | | | | as Gathering Connection | | | | |
| Completion 12/17/19 | | 8 | | | Plug Bac 4858 | k Total Dep | th | | Packer S | Set at | | - | |
| Casing Size 4 1/2 | | | Weight 10.5 | | Internal Diameter 4.052 | | | Set at 5744 | | rations 0 | то 547 5 | | |
| Tubing Si 2 3/8 | Tubing Size 2 3/8 | | Weight 4.7 | | Internal Diameter 1.995 | | | Set at 5502 | | rations | То | | |
| Type Completion (Describe) SINGLE GAS | | | Type Fluid Production WATER | | | | | nit or Traveling | Plunger? Yes | / No | | | |
| Producing Thru (Annulus / Tubing) CASING | | | | % C | % Carbon Dioxide 0.24% | | | % Nitrogen 4.063% | | | Gas Gravity - G _o .6933 | | |
| Vertical Depth(H) 5442 | | | | | | | ssure Taps NGE | | | | (Meter 2" | Run) (P | rover) Size |
| Pressure | Buildu | o: | Shut in _12/ | 11 20 | o <u>1</u> 3 _{at} 1 | 0:00 | . (AM) (BM) | Taken 12 | 2/12 | 20 | 13 _{at} 10:0 | 0 | (AM) (PM) |
| Well on L | ine: | ; | Started _12/ | <u> 12 20</u> | _1.3at_1 | 0:00 | . (AM) (PM) | Taken | | 20 | at | | (AM) (PM) |
| | | | | | | OBSERVE | ED SURFACE | DATA | | | Duration of Shut | -in24 | Hours |
| Static / Dynamic Property | Dynamic Size | | Circle one: Pressure Meter Differential Prover Pressure in psig (Pm) Inches H ₂ O | | Flowing Well Head Temperature t t | | Wellhead F | Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia | | Tubing ead Pressure r (P ₁) or (P _c) psia | | | id Produced Barrels) |
| Shut-In | , | | | 2 | | | 108 | рзіа | psig | рэ.а | ¥ | | |
| Flow | | | | | | | | | <u> </u> | | | | |
| Plate | | | Circle one: | | | | Flowing | 1 | | | | | Flowing |
| Coefficient (F _b) (F _p) Mcfd | | | Meter or ver Pressure psia | Press Extension ✓ P _m xh | Grav Fac F | tor | Temperature Factor F, | | iation ctor : | Metered Flow R (Mcfd) | GOR (Cubic F Barrel | eet/ | Fluid Gravity G _m |
| | | | | · | | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| (P _c) ² = | | : | (P _w)² =_ | : | • | • • | /ERABILITY) % (P. | | ATIONS 14.4 = | : | | $)^2 = 0.3$ $)^2 =$ | 207 |
| | P_)2 | <u>-</u> (F | (P _*) ² · (P _*) ² | Thoose formula 1 or 2 1. $P_0^2 - P_a^2$ 2. $P_0^2 - P_d^2$ | LOG of formula 1, or 2, and divide | | Backpressure Curve Slope = 'n' | | лх | ГЛ | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | <u> </u> | |
| Open Flo | • | | | Mcfd @ 14. | | -4-4 45-4 | Deliverabi | • | | | Mcfd @ 14.65 ps | | |
| | | • | • | | | | • | | | Decembe | rt and that he h | | 20 <u>13</u> |
| | | | | | | | WICH: | | | O EXPLOR | | ic. | |
| | | | Witness (if | элу) | | | | | | | ompany | | |
| | | | For Commis | sion | | JAN | 02 20 1 | 4 | | Chec | ked 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 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 theBAKER #1 |
| (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 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. |
| Signature: <u>Du Duyo</u> Title: <u>Earl J. Joyce, Jr., Vice-President</u> |

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.

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