KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | : | | | (\$ | See Instructi | ons on Reve | rse Side) | | | | | |
|--|-------------|---|---|--|--|---|--|--|--|--|--|--|
| Open Flow | | | | Test Date | | | | ΔPI | No. 15 | _ | | |
| De | liverabilt | y | | 10/17/11 | | | | | 77-21051 | -0000 | | |
| Company AGV Cor | | | | | | Lease Clark | | | | 4 | Vell Number | |
| County Harper | | Location 3250 FSL / 3600 FWL | | Section 26 | | TWP RNG (E/W) 32 9 W | | W) | ., | Acres Attributed | | |
| Field Sullivan | | | | Reservoir Douglas | | Gas Gathering Conr West Wichita | | | ection | _ | | |
| Completion Date | | | | Plug Back Total Depth 3500 | | h | | Packer S | et at | | | |
| Casing Size 4-1/2 | | Weight 10.5 | | Internal Diameter | | Set at 3784 | | Perforations 3462 | | To 3463 | | |
| Tubing Size 2-3/8 | | Weigh | t | Internal Diameter | | Set at 3475 | | Perforations | | То | | |
| Type Completion Single | | (Describe) | | Type Fluid Production Water | | Pump Unit or Trav Pumping Unit | | | Plunger? Yes | / No | | |
| Producing Thru Annulus | | Annulus / Tubinç |)) | % Carbon Dioxid | | e % Nitrogen | | en | Gas Gravity - G _g | | | |
| Vertical D | | | | | Press | sure Taps | · | | | (Meter F | Run) (Prover) Size | |
| Pressure | Buildup: | Shut in 10/ | 17 2 | 11 at | | (AM) (PM) 1 | aken 10 | /18 | 20 | 11 at | (AM) (PM) | |
| Well on L | .ine: | Started | 20 |) at | | (AM) (PM) | Taken |) (1 mpg) pr & American (Add and American 1 mg | 20 | at | (AM) (PM) | |
| | | | | | OBSERVE | D SURFACE | DATA | | | Duration of Shut- | in 24 Hours | |
| Static / Orifice Dynamic Size Property (inches | | Meter Prover Pressu | Pressure Differential in Inches H ₂ 0 | Flowing Temperature t | Temperature Temperature | | Casing Wellhead Pressure (P _w) or (P _t) or (P _c) | | Tubing ad Pressure (P _t) or (P _c) psia | Duration (Hours) | Liquid Produced (Barrels) | |
| Shut-In | | Pagaran | 2 | | | 150 | psia | psig | | 24 | | |
| Flow | | | | | | | | <u>.</u> | | | | |
| | | | I | | FLOW STR | EAM ATTRI | BUTES | 1 | | | | |
| Plate Coeffied (F _b) (F Mcfd | cient p) | Circle one: Meter or Prover Pressure psia . | Press Extension P _m x h | Grav Fac | tor | Flowing Femperature Factor F _{ft} | Fa | ation ctor pv | Metered Flow R (Mcfd) | v GOR (Cubic Fe Barrel) | Gravity | |
| | | | • | | | | | | | | | |
| /D \2 | | . (D.)2 | | • | | ERABILITY) | CALCUL - 14.4) + | | | (P _a) (P _d) | ² = 0.207 | |
| (P _c) ² = | | : (P _w) ² = | Choose formula 1 or 2 | P _d = | | | | | | (' d) | T | |
| (P _c) ² - (or (P _c) ² - (| | (P _c) ² - (P _w) ² | P_c² - P_a² P_c² - P_d² divided by: P_c² - P_d² | LOG of formula 1, or 2, and divide by: | P _c ² -P _w ² | , Slope Assi | sure Curve e = "n" or gned rd Slope | l n x | LOG | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) | |
| | | | divided by: Fc - 1 w | 3,. | <u> </u> | | | | | | | |
| | | | | | | | | | | | | |
| Open Flo | w | Mcfd @ 14.65 psia | | | | Deliverability | | | | Mcfd @ 14.65 psia | | |
| | | ned authority, o | | | | • | كاستان | - | ne above repo | ort and that he ha | as knowledge of | |
| ine racis s | siated th | erein, and that s | aiu report is trut | and correc | A. Executed | 1 1113 1110 | | Les | 1 K | Que to | RECEIVED | |
| | | Witness (| if any) | | | _ | | , , | For | Company | | |
| | | For Comp | nission | | | _ | | | Che | cked by | DEC 2 8 20 | |

| | declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request |
|-------|--|
| | pt status under Rule K.A.R. 82-3-304 on behalf of the operator AGV Corp. |
| | hat the foregoing pressure information and statements contained on this application form are true and |
| | ct to the best of my knowledge and belief based upon available production summaries and lease records |
| | nereby request a one-year exemption from open flow testing for the _Clark #4 |
| | ell on the grounds that said well: |
| , | greates materials main |
| | (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 |
| 1.6. | |
| | urther agree to supply to the best of my ability any and all supporting documents deemed by Commission |
| ian a | s necessary to corroborate this claim for exemption from testing. |
| | |
| ate:_ | 12/23/11 |
| | |
| | |
| | |
| | Signature: Kent Robert |
| | |

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.