KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | t: | | | | (| See Instruc | tions on Re | everse Side |)) | | | | | |
|-------------------------------------------------------------|--------------------------------------------|-------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------|-----------------------------|----------------------------|-------------------------------------------------------------|-----------------------------------------------|--|
| Open Flow Deliverabilty | | | Test Date 11-1&2 | | | API No. 15 15-1 58- 20977 - ∞ - ○○ | | | | | | | | |
| Company HERMAN L. LOEB | | | | Lease TONN | | | 155 | | | Well Number #2 | | | | |
| County RENO | | | Location C SWSWSE | | Section 5 | | | | RNG (E/W) 5W | | Acres Attribute | | Attributed | |
| Field YODER SW | | | Reservoir MISSIS | | | | | hering Conne NENERG | | | | | | |
| Completion Date 3-15-84 | | | | Plug Bac 3595 | k Total Dept | th | | Packer S NONE | | | | | | |
| Casing Size 5.000 | | | Weight 15.50 | | Internal Diameter 4.950 | | Set at 3595 | | Perforations 3467 | | то 347 1 | | | |
| Tubing S 2.375 | Tubing Size 2.375 | | Weight 4.70 | | Internal 0 1.995 | | ameter Set at 3502 | | Perforations OPEN | | То | | | |
| Type Completion (Describe) SINGLE | | | | | d Production | n | | Pump Un | it or Traveling | Plunger? Yes / No | | | | |
| Producing | - | (Anı | nulus / Tubing) | · · · · · · · · · · · · · · · · · · · | % C | arbon Dioxi | de | | % Nitrog | en | Gas G | ravity - (| a _g | |
| Vertical E | Pepth(H | 1) | | | | Pres | sure Taps | | | ٠ | (Meter | Run) (P | rover) Size | |
| Pressure | Buildu | p: | Shut in11-1 | -10 2 | 0 at | | (AM) (PM) | Taken 11 | -2-10 | 20 | at | | AM) (PM) | |
| Well on L | ine: | | Started | 2 | 0 at | | (AM) (PM) | | | | at | | | |
| | | | | | | OBSERVE | D SURFAC | E DATA | | | Duration of Shut | -in | Hours | |
| Static / Dynamic Property | ynamic Size | | Circle one: Meter Prover Pressure psig (Pm) | Pressure Differential in Inches H ₂ 0 | Flowing Well Head Temperature t | | Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia | | Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia | | Duration (Hours) | | Liquid Produced (Barrels) | |
| Shut-In | ıt-in | | | 2 | | | 395 | para | Para hoid | | 24 | | | |
| Flow | | | | | | | | | | | | | : | |
| | ····· | | | | 1 | FLOW STR | | RIBUTES | | | | | <u> </u> | |
| Plate Coeffiecient (F _b) (F _p) Mcfd | | Pro | Circle one: Meter or over Pressure psia | Press Extension ✓ P _m x h | Grav Fact | or Temperature | | Fa | ation ctor | Metered Flow R (Mcfd) | GOR (Cubic Fo Barrel | eet/ | Flowing Fluid Gravity G _m | |
| | | | | | (OPEN EL | OW) (DELIV | EDARII ITV | ') CALCIII | ATIONS | | | | | |
| (P _c) ² = | | | (P _w)² =_ | | $P_d =$ | | | P _s - 14.4) + | | | (P _a) |) ² = 0.2) ² = | 07 | |
| | $(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$ | | P _c) ² - (P _w) ² | hoose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_a^2$ | LOG of formula 1. or 2. and divide p 2. p 2 | | Backpressure Curve Slope = "n" or Assigned Standard Slope | | n x LOG | | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) | | |
| | | | | | | | | | | | | | | |
| | · . | | | | | | | | | | | | | |
| Open Flor | w | | | Mcfd @ 14. | 65 psia | | Deliverat | oility | | | /lcfd @ 14.65 ps | ia | | |
| | | • | d authority, on | | | | • | | | e above repor | t and that he h | | ledge of 20 10 | |
| | | | Witness (if a | ny) | | | | | גליל אין | For Co | mpany | | RECEIV | |
| | | | For Commis | sion | | | - | | | Chec | ked by | | ハーヘロハ | |

NOV 0 5 2010

| | clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator HERMAN L. LOEB |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | t the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records |
| of equip | ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the |
| | on the grounds that said well: |
| | (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 fur | ther 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: 4 | -11-10 |
| Julo | |
| | |
| | |
| | Signature: Lesli V. Ollhan |
| | Title: HERMAN L. LOEB |

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.