KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | | | | | (| (See Instruct | tions on Re | verse Side | e) | | | |
|---|--------|---|---|--|---|--|--|--------------------------------------|--|-----------------------|--------------------------------|--|
| Open Flow Deliverabilty | | | | | Test Date 11/5/20 | | | | | No. 15 023-20747-0 | 00-00 | |
| Company FOUNDATION ENERGY MANAGEMENT, LLC | | | | | | | Lease RUEB FARM | | | | 12-15 | Well Number |
| County Location CHEYENNE SWNW | | | | n | Section 15 | | TWP 3S | | RNG (E/W) 42W | | | Acres Attributed |
| Field CHERRY CREEK | | | | Reservoi NIOBRA | | | | Gas Gathering Conne KINDER MORGAN | | | <u> </u> | |
| Completion Date 5/15/2007 | | | | Plug Back Total I 1672' | | | n Packer Set at | | et at | | <u>-</u> _, | |
| Casing Size 7", 41/2" | | | Weight 17#, 9 | | Internal Diameter 6.538", 4.090" | | Set at 304', 1674' | | Perforations 1511' | | то 1547' | |
| Tubing Size 2-3/8" | | | Weight 4.7# | | Internal Diameter 1.995" | | Set at 1598' | | Perforations | | То | |
| Type Completion (Describe) SINGLE (GAS) | | | | | | d Production | n | | | it or Traveling | | / No |
| Producing Thru (Annulus / Tubing) ANNULUS | | | | | % C | Carbon Dioxi | de | % Nitrogen | | en | Gas Gravity - G | |
| Vertical D | epth(l | 1) | | | | Press | sure Taps | | | | (Meter F | Run) (Prover) Size |
| Pressure | Buildu | ıp: | Shut in11/4 | 2 | 0_15_at_8 | :30 AM | (AM) (PM) | Taken | | | at | (AM) (PM) |
| Well on L | ine: | | Started 11/5 | 20 | 15 at 8 | :30 AM | (AM) (PM) | Taken | | 20 | at | (AM) (PM) |
| | | | T-: | | | OBSERVE | D SURFACE | DATA | | | Duration of Shut-i | n 24 Hours |
| Static / Orifice Dynamic Size Property (inches) | | :e | Circle ane: Meter Prover Pressur 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 $(P_w) \text{ or } (P_t) \text{ or } (P_c)$ psig psia | | Duration (Hours) | Liquid Produced (Barrels) |
| Shut-In | _ | | | | _ | | poig | 109 | poig | polu | | |
| Flow | | | | <u> </u> | | | | | <u> </u> | | | |
| | | | Circle one: | | 1 | FLOW STR | EAM ATTR | IBUTES | - | <u> </u> | | |
| Plate Coefficcient (F _b) (F _p) Mofd | | Pro | Meter or over Pressure psia | Press Extension ✓ P _m x h | Grav Fac , F _e | ter .T | lemperature I | | eviation Metered Flor Factor R F _{pv} (Mcfd) | | y GOR (Cubic Fee Barrel) | Flowing Fluid Gravity G _m |
| | | | | • | <u> </u> | | | | | | | |
| (D.)2 | | | 4PD 3-2 | | | OW) (DELIV | | | | | | = 0.207 |
| $(P_c)^2 = {(P_c)^2 - (P_a)^2}$ or $(P_c)^2 - (P_d)^2$ | | (P _c) ² - (P _w) ² | | haose formula 1 or 2: 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_w^2$ | LOG of formula 1. or 2. and divide | P _c ² -P _w ² | Backpressure Curve Slope = "n"or Assigned Standard Slope | | nxl | og [] | (P _d)² Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) |
| | | | | w | | | | | | <u></u> . | | |
| | | | | | | | <u> </u> | | | | | |
| Open Flow Mcfd @ 14.65 psia | | | | 65 psia | | Deliverability | | | Mcfd @ 14.65 psia | | | |
| | | | d authority, on in, and that sai | | | | | | | | rt and that he ha | s knowledge of, 20 |
| | | | | | | | eceived | | | | | |
| | | | Witness (if | any) | К | ANSAS CORPO | PRATION COMP | AISSION | | For C | Company | |
| | · | | For Commis | sion | | DEC | 1 0 201 | 5 | | 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 <u>Foundation Energy Management</u> , <u>LLC</u> 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 <u>RUEB FARM 12-15</u> gas well 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 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: 12/7/2015 |
| Signature: Lawh O'h- Title: HSE/ Regulatery Trah |

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.