KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test: | | | | | | (See Instructions on Reverse Side) | | | | | | | | | | | |
|---|---------------|--------------|---|----------------------------|---|------------------------------------|---|-----------------------------|--|--|--------------------------------|---|------------------------------|-------------------|--------------------------------------|-----------------|--|
| Open Flow Deliverabilty | | | | Test Date: | | | | API No. 15 -023-20999-00-00 | | | | | | | | | |
| Company | | Enz | oray Mana | 300 | mont II. | ` | • | | Lease WIESE | | • | | | | Nell Nui 21- | | |
| County | auon | <u>⊏</u> [](| Loca | | ment, LLC | Section | | | TWP | | RNG (E/ | | | | | ttributed | |
| Cheyenne W2-NW-NE-NW | | | | 8 | | | 4S | | 4 | <u>1W</u> | | | | | | | |
| Field CHERRY CREEK | | | | | Reservoir NIOBRARA | | | | | Gas Gathering Connection Southern Star/Kinder Morgan | | | | | | | |
| Completion Date 4/14/2008 | | | | | Plug Back Total Depth 1599' | | | | | Packer S | Set at | | | | | | |
| Casing Size Weight | | | | | Internal Diameter | | | Set at | | Perfo | rations | | То | | | | |
| 7", 4 1/2" | | | 17# 10.5# | | | 6.538, 4.052" | | | 256', 1641' | | 1438' | | 1478' | | | | |
| Tubing Size Weight 2 3/8" 4.7# | | | | Internal Diameter 1.995 | | | Set at 1493 | | Perfo | rations | | То | | | | | |
| Type Completion (Describe) | | | | | | Type Fluid Production | | | | Pump Unit or Traveling Plunger? Yes / No | | | | | mn | | |
| SINGLE Producing Thru (Annulus / Tubing) | | | | | - . | SALTWATER % Carbon Dioxide | | | | % Nitrogen | | | YES/rod pump Gas Gravity - G | | | | |
| ANNUL | US | , | | | | | | | | | | | | _ | | • | |
| Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size | | | | | | | | | | | | | | | | | |
| Pressure | Buildu | p: | Shut in | 7 | | 0_15_at_1 | | | | | | 20 | | | | | |
| Well on L | ine: | | Started | _ 7 | <u>//8</u> 20 | 0_ <u>15</u> at_1 | 0:15 AN | <u>VI</u> | (AM) (PM) T | aken | | 20 | at | | (| AM) (PM) | |
| | | | | | | | OBSER | ۷E | D SURFACE | DATA | | | Duration | n of Shut-i | n2 | 4Hours | |
| Static / | Orifi | ce | Circle one: Meter | | Pressure Differential | i Flowing I Wall | | | ell Head Casing Wellhead Pressure | | | ubing | | Duration | | Liquid Produced | |
| Dynamic Size Property (inches | | | Prover Pressi | | in inches H ₂ 0 | Temperature t | Temperature t | | (P _w) or (P _t) | (P,) or (P,) or (P,) | | Wellhead Pressure (P _w) or (P _t) or (P _c) | | (Hours) | | (Barrels) | |
| Shut-In | | | | | | | | _ | psig 60 | psia | psig | psla | | | | | |
| Flow | | | | | | | | | | | | | | | | | |
| <u> </u> | | | <u>.</u> | | | | FLOW S | TR | EAM ATTRIB | ÜTES | | | , | | <u> </u> | | |
| Plate | , | | Gircia ono: | | Press | Grav | rite e | | Flowing | D | | | | 200 | | Flowing | |
| Coefficci | | Dec | <i>Meter</i> or <i>Prover Pressure</i> psia | | Extension | Fact | or To | | emperature | | viation Metered Flo actor R | | ' | GOR (Cubic Fee | et/ Fluid Gravity | | |
| (F _b) (F _i | | PIO | | | $\sqrt{P_m x h}$ | F, | | | Factor F ₁₁ | F | (Mcfd) | | Barrel) | | | | |
| 111010 | | | | | | | | | | | | | | | | -m | |
| | | | | | \ | (OPEN FLO | OW) (DEL | JVE | ERABILITY) (| ALCUL | ATIONS | | | (P)² | = 0.20 | | |
| (P _c) ² = | ; | _: | (P _w)² : | | | | | _% | (P _c | 14.4) + | 14.4 = | : | | | = | | |
| (P _c) ² - (P _a) ² | | |)2-(P)2 | | ose formula 1 or 2: | Log or | | 7 | Backpressure Curve Slope = "n" | | | | | | | en Flow | |
| or (P _o) ² - (P _d) ² | | ٠, | | | 2. P _c ²-P _d ² | formula 1. or 2. | P _c ² - P _w ² | | Assigned Standard Slope | | n x LOG | | An | tilog | Deliverability Equals R x Antilog | | |
| | | | | | ed by: P _c ² -P _w ² | and divide | | | | | | | | | (Mcfd) | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | . <u> </u> | | | | | | | | | | | | |
| Open Flov | <u> </u> | | | | Mcfd @ 14.6 | 35 psia | | | Deliverabilit | у | | | Mcfd @ | 14.65 psia | a | | |
| | | | | | | | | | - | | | e above repo | | | | - | |
| the facts st | tated ti | nerei | n, and that s | aid ı | report is true | and correct | . Execut | ed | this the | :1 | day of | SEP | remb! | =R —— | , 2 | 0 | |
| | | | Witness (| il on- | | | KÇÇ | V | VICHIT | 4 | | | ompany | | | | |
| | | | | | · | • | SEP | 7 | 8 2015 | | | | | | | | |
| | | | For Come | wasko | " | | | | EIVED | | | Che | ked by | | | | |
| | | | | | | | | | v | | | | | | | | |

| exempt status under Ru and that the foregoing correct to the best of m | ile K.A.R. 82-3-30 pressure informa y knowledge and n and/or upon typ | 04 on behalf of the o ation and statemer belief based upon be of completion or | perator Found its contained on available product upon use being to | as that I am authorized to request dation Energy Management, LLC this application form are true and ction summaries and lease records made of the gas well herein named. WIESE 21-8 |
|---|--|---|---|--|
| gas well on the ground | s that said well: | | | |
| is contact is a second is a s | n vacuum at the pot capable of production | lift due to water I gas for injection in resent time; KCC a ducing at a daily ra of my ability any a | approval Docket te in excess of 2 and all supporting | No |
| stair as necessary to c | orroborate this ca | aım ior exemption | from testing. | |
| Date: | 5 | | | |
| SEP | WICHITA 28 2015 ECEIVED | Signature: | | TIE Souther TIONS ASSISTANT |

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.