KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test: | | | (See I | nstructions on i | Reverse Side |)) | | | |
|---|---|--|--|--|---|--|------------------------------|-------------------------------------|--|
| Open FI | | | Test Date: | | | API N | | | |
| Delivera | bilty | | 11-17 to | 11-20 | | 6 | 325-1 | 0027- | |
| ora (| Coast | etroleu. | <i>—</i> | | iens | | | #1 | Well Number |
| lark | | cation 2SE | Section 15 | twip 3 <u>2</u> | | RNG (BQ) | | | Acres Attributed |
| lorrise | n No | theast | Reservoir V i D | 2 | | Gas Gathe | ering Connec | pe line | <u>, </u> |
| mpletion Da | te 2- <i>201</i> (| | Plug Back Tota | | | Packer Se | t at 5 6 | y . | |
| sing Size | We | eight 5.5 | Internal Diame | ter Se | t at | Perfora | | To | 396 |
| ubing Size Weight 2 875 | | Internal Diame | ter Se | et at Perforations | | | То | | |
| e Completio | on (Describe) | | Type Fluid Pro | duction | <u> </u> | Pump Uni | or Traveling f | Plunger? Yes |) / No |
| | ı (Annulus /(Tu | bing) | の(/ % Carbor | | | % Nitroger | n | Gas G | ravity - G _o |
| Tubing Vertical Depth(H) | | - 0 | - 015 Pressure Taps | | | 9.2 | | 0.7139 (Meter Run) (Prover) Size | |
| tion behilf | | | | T 1633010 14p3 | | | | (WCtO) | 1101) (110461) 0120 |
| essure Build | up: Shut in | _ | o 12 at 7 | (PI | vi) Taken | | 20 _ | at | (AM) (PM) |
| ll on Line: | Started | 11-20 2 | 0/2 at 7 | (AM) PI | V) Taken | , | 20 _ | at | (AM) (PM) |
| | | | OBS | SERVED SURFA | CE DATA | | | uration of Shut | t-in Hours |
| atic / Orifice Size Sperty (inches) Circle one: Pressure Differential in psig (Pm) Inches H,0 | | Temperature Temp | erature t (P,) or | $(P_w) \circ (P_i) \circ (P_c)$ (F | | bing I Pressure P _i) or (P _c) psia | Duration (Hours) | Liquid Produced (Barrels) | |
| nut-in | | | | 347 | | 350 | psia | 72 | ٥ |
| tow / | 2" | | | | | • | | | |
| | 1 | | FLO | W STREAM AT | TRIBUTES | | | | |
| Plate oeffiecient (F _b) (F _p) Mcfd | Circle one: Meter or Prover Pressur psia | Press Extension P _m xh | Gravity Factor F _e | Flowing Temperatur Factor F ₁₁ | e Fa | iation ctor | Metered Flow Fl (Mcfd) | GOR (Cubic Fo Barrel | eet/ Fluid |
| | | | | 1 | | | | <u> </u> | |
|) ² = | · (P |)² ≂: | (OPEN FLOW) (P _d = | DELIVERABILI % | TY) CALCUL (P _e - 14.4) + | | | (P _a |) ² = 0.207) ² = |
| $(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$ | (P _c) ² - (P _w) ² | Choose formula 1 or 2 1. P _c ² -P _a ² 2. P _c ² -P _d ² | LOG of formula 1. or 2. and divide D 2 | Back | pressure Curve Slope = "n" or Assigned andard Slope | n x LC | og [| Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) |
| | | divided by: P _c ² - P _e | by: | | | | | | |
| | 16.5 | | | | | , , , , | | | 1- |
| en Flow | 100 | Mcfd @ 14 | | Delive | | 100 | | ctd @ 14.65 ps | |
| | | , on behalf of the | | | authorized to | day of | above report | and that he h | as knowledge of |
| lacts stated | therein, and tha | at said report is tru | and correct. Ex | ecuted this the | 4. | day of | u · 1- | | RECEIVE |
| | Witne | ess (if any) | | | | ~~· <u>~</u> | For Co | mpany | MAR 04 2 |
| | ForC | ommission | | | | | Check | ed by | |
| | | | | | | | | | KCC WICH |

| I declare under penalty of perjury under the laws of the state of Kansas that Lam authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator |
|--|
| (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: 2-27-2013 |
| Signature: Dail R. R. R. Signature: Managing member |

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.

MAR 04 2013

KCC WICHITA

STEPHENS

| MOVEMBER | | | | |
|------------|-------|-------|-------------|-----------|
| NIV2012 | Ħ | #1 | BORZ SOLD | 1,214 mcf |
| 12 | 15.03 | 91.85 | 170.86 | 170 |
| 13 | 15.03 | 91.85 | | 240 |
| . 14 | 15.03 | 88.51 | 158.22 | 158 |
| 15 | 15.03 | 88.51 | 171.49 | 249 |
| 14 | 15.03 | 88.51 | | 285 |
| I) | 5.01 | 88.5Y | | 214 |
| 18 | 0 | 88.51 | 1483.55 MTD | 165 |
| / 19 | 0 | 8851 | 342,94 | 159 |
| (20 | 28.39 | 88.51 | | 169 |
| 31 | 1503 | 88.51 | , | 190 |
| 27 | 15.03 | 88.51 | | 157 |
| 23 | 15,03 | 88.51 | 334.27 | 156 |
| 24 | 15.03 | 86.84 | | 238 |
| 25 | 15.03 | 86.84 | 2140.74 MTD | 196 |
| 24 | 15.03 | 30.06 | 162.53 | 120 |
| રાં | 15.03 | 88.51 | , | 125 |
| 78 | 15.03 | 86.84 | •. | 132 |
| 29 | 15.03 | 86.84 | 330,4/ | 129 |
| 30_ | 15.03 | 86.84 | 144.89 | 187 |
| • 1 | 15,03 | 84.84 | 2798.59 MTD | 191 |
| x Hemper 2 | 15.03 | 85.17 | | 409 |
| 2012 3 | 15.03 | 85.17 | 171.49 | 287 |
| 4 | 15.03 | 85.17 | | 781 |
| 5 | 15.03 | 85.17 | 161.13 | 274 |
| 4 | 15.03 | 85.17 | | 228 |
| 7 | 15.03 | 85.17 | 171.46 | 249 |
| 8 | 15.03 | 85.17 | • | 252 |
| 9 | 15.03 | 85.17 | 504,08 MTD | 257 |

RECEIVED MAR 04 2013 KCC WICHITA Jim,

In checking back through our yearly gauges, we found that our engine went down in Novemberard these are the shut-in results observed by Jack. I pelieve this is accurate and should work. Thanks,