## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

, 7 . ..

| Type Test:  | :                              |  | ¥                                     |  | (   | See Instruct  | tions on Re  | verse Side      | )            |   |   |   |   |  |
|---|--------------------------------|--|---------------------------------------|--|---|---|--|-----------------|--------------|---|---|---|---|--|
| _ `   | en Flo <sup>.</sup><br>liverab |  |                                       |  | Test Date                                   |   |  |                 |              | No. 15  | 0000  |   |   |  |
| Company   |                                |  |                                       |  | March 5                                     | ith, 2013   | Lease  |                 | 15-          | 04721423  |   | Well Num  | ber   |  |
| Castelli  |                                | lora   | tion, Inc.                            |  |   |   | Martin   | Spain           |              |   | #1  |   |   |  |
| County<br>Edward  |                                |  | Section<br>1                          |  | TWP<br>25S                                  | TWP RNG (E/W) 25S 16W                                     |  |                 |              | Acres Att   | ributed                                       |   |   |  |
| Field<br>Wil  |                                |  |                                       |  | Reservoir<br>Lansin                         |   |  |                 |              | hering Conn<br>n E <b>nerg</b> y                                  | ection  |   |   |  |
| Completio   |                                | е  |                                       |  | Plug Bac<br>4280'                           | k Total Dep   | th   |                 | Packer S     | Set at  |   |   |   |  |
| Casing Size 5 1/2"  | ze                             |  | Weigh                                 | 1  | Internal (                                  | Diameter  | Set a<br>431   |                 |              | rations<br>4-20   | То  |   |   |  |
| Tubing Siz  | Zθ                             |  | Weigh                                 | 1  | Internal Diameter Set at Perforations To    |   | То   |                 |              |   |   |   |   |  |
| Type Com<br>Single C  |                                |  | escribe)<br>e Perforation             | ons  | Type Flui<br>Saltwa                         | d Productio<br>ter  | n  |                 |              | nit or Traveling  | Plunger? Yes                                  | / No  | .,,,,   |  |
|   |                                | (Anr   | nulus / Tubing                        | )  | % C   | arbon Dioxi   | ide  |                 | % Nitrog     | en  | Gas G   | avity - G <sub>g</sub>                                      |   |  |
| Annulus<br>Vertical D   |                                | 1)   |                                       | **************************************   | <u> </u>                                    | Pres  | sure Taps  |                 |              |   | (Meter  | Run) (Pro   | ver) Size                                     |  |
| Pressure  | Buildu                         | n.   | Shut in Mai                           | ch 4 2   | 0 13 <sub>at</sub> 8                        | :00   | (AM) (PM)  | Taken Ma        | arch 5       | 20  | 13 <sub>at</sub> 8:00                         | (A  | M) (PM)                                       |  |
| Well on Li  |                                | •  |                                       |  |   |   |  |                 |              |   | at  |   |   |  |
|   |                                |  |                                       |  |   | OBSERVE   | D SURFAC   | E DATA          |              | ••-   | Duration of Shut                              | -in   | Hours   |  |
| Static /<br>Dynamic   | Orifi<br>Siz                   | e  | Circle one:<br>Meter<br>Prover Pressu | Pressure<br>Differential<br>re in  | Flowing<br>Temperature<br>t                 | Well Head<br>Temperature                                  | Cas<br>Wellhead<br>(P <sub>w</sub> ) or (F             | Pressure        | Wellhe       | Tubing<br>ad Pressure<br>r (P <sub>1</sub> ) or (P <sub>2</sub> ) | Duration<br>(Hours)                           |   | Produced arrels)                              |  |
| Property Shut-In  | (inch                          | 95)  | psig (Pm)                             | Inches H₂0   |   |   | psig   | psia _          | psig         | psia  |   |   |   |  |
| Flow  | · <del></del>                  |  |                                       |  |   |   | 162  | 170.4           | <del> </del> |   |   |   |   |  |
| 1104  |                                |  |                                       |  |   | FLOW STF  | REAM ATTR  | IBUTES          |              |   | <u>,                                     </u> |   |   |  |
| Plate<br>Coefficient<br>(F <sub>b</sub> ) (F <sub>p</sub> )<br>Mcfd |                                | Circle one:<br>Meter or<br>Prover Pressure<br>psia |                                       | Press<br>Extension<br>✓ P <sub>m</sub> xh  | Extension Fact                              |   | Flowing<br>Temperature<br>Factor<br>F <sub>rt</sub>    | perature Factor |              | Metered Flov<br>R<br>(Mcfd)                                       | w GOR<br>(Cubic Fe<br>Barrel)                 |   | Flowing<br>Fluid<br>Gravity<br>G <sub>m</sub> |  |
|   |                                |  |                                       |  | (OPEN FL                                    | OW) (DELIV  | /ERABILITY   | ) CALCUL        | ATIONS       |   | (P.)  | ) <sup>2</sup> = 0.207                                      |   |  |
| (P <sub>c</sub> ) <sup>2</sup> =                                    |                                | _:   | (P <sub>w</sub> ) <sup>2</sup> =      | :  | P <sub>0</sub> =                            |   | % (F   | c - 14.4) +     | 14.4 =       | :   |   | ) <sup>2</sup> =  |   |  |
| $(P_c)^2 - (P_{\bullet})^2$<br>or<br>$(P_c)^2 - (P_d)^2$            |                                | (F   | I .                                   | Choose formula 1 or 2  1. $P_a^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_a^2 - P_w^2$ | LOG of<br>formula<br>1. or 2.<br>and divide | P <sub>c</sub> <sup>2</sup> · P <sub>w</sub> <sup>2</sup> | Backpressure Curve Slope = "n" Assigned Standard Slope |                 | n x LOG      |   | Antilog                                       | Open Flow<br>Deliverability<br>Equals R x Antilog<br>(Mcfd) |   |  |
|   |                                |  |                                       |  |   |   |  |                 |              |   |   |   |   |  |
| Open Flou   |                                |  |                                       | Metal @ 14   | 66 peia                                     |   | Dolivorat  | silits          |              |   | Mcfd @ 14.65 ps                               | ia.   |   |  |
| Open Flov   |                                | igner  | d authority or                        | Mcfd @ 14.   |   | states that h   | Deliverat<br>ne is dulv au                             |                 | o make th    |   | ort and that he ha                            |   | dge of  |  |
|   |                                | -  | •                                     | id report is true  | -   |   | _  |                 | _            |   |   | , 20  |   |  |
|   |                                |  |                                       |  |   |   | CHIT/  |                 | _            | 0   | u   |   |   |  |
|   |                                |  | Witness (if                           |  |   | <br>IAN 0-2   |  |                 |              |   | Company                                       |   |   |  |
|   |                                |  | For Comm                              | ission   |   | RECE  |  |                 |              | Che   | cked by                                       |   |   |  |

| Ιd         | leclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request |
|------------|--|
|            | t status under Rule K.A.R. 82-3-304 on behalf of the operator Castelli Exploration, Inc.               |
|            | at the foregoing pressure information and statements contained on this application form are true and   |
| orrec      | t to the best of my knowledge and belief based upon available production summaries and lease records   |
| •          | pment installation and/or upon type of completion or upon use being made of the gas well herein named. |
| <b>i</b> h | ereby request a one-year exemption from open flow testing for the Martin Spain #1                      |
| jas we     | ell 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                                   |
| l fu       | urther agree to supply to the best of my ability any and all supporting documents deemed by Commiss    |
| staff a    | s necessary to corroborate this claim for exemption from testing.                                      |
|            |  |
| )ate: _    | July 25th, 2013  |
|            |  |
|            |  |
|            |  |
|            | Signature: Dut   |
|            | Title: President   |

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.

KCC WICHITA JAN 02 2014 RECEIVED