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

| Type Test:  |            |   |          |   | (                                      | See Instruct                  | tions on Re   | verse Side  | <del>)</del> ) |  |                              |                              |  |
|---|------------|---|----------|---|--|-------------------------------|---|---|----------------|--|------------------------------|------------------------------|--|
| Open F  | low        |   |          |   | Test Date                              | o'                            |   |   | AD             | No. 15   |                              |                              |  |
| Deliver   | abilty     |   |          |   | 9-23-13                                | -                             |   |   |                | 1 No. 15<br>119-10305-(  | 00-00                        |                              |  |
| Company<br>HERMAN L LOEB LLC                                  |            |   |          |   | Lease<br>HENRY TALOR                   |                               |   |   | #1             |  |                              | Well Number                  |  |
| County Location MEADE SW SW NE NE                             |            |   |          | Section<br>28   |  | TWP<br>34S                    |   |   | /W)            |  | Acres Attributed 640         |                              |  |
| Field<br>MCKINNEY   |            |   |          | Reservoir<br>MORROW-CHESTER   |  |                               |   | Gas Gathering Connection DCP MIDSTREAM                    |                |  |                              |                              |  |
| Completion Date<br>2-7-58                                     |            |   |          | Plug Back Total Depth<br>6124   |  |                               |   | Packer Set at<br>NONE                                     |                |  |                              |                              |  |
| Casing Size<br>5.50   | _          |   |          | Internal (<br>4.950   | Diameter                               | Set at<br>6124                |   | Perforations<br>5979                                      |                | To<br>6099   |                              |                              |  |
| Tubing Size Weight 2.375 4.70                                 |            |   |          | Internal [<br>1.995   | Diameter                               | Set at<br>6109                |   | Perforations  |                | То   |                              |                              |  |
| Type Completion (Describe) COMMINGLED                         |            |   |          | Type Fluid Production WATER   |  |                               |   | Pump Unit or Traveling Plunger? Yes / No YES-PUMPING UNIT |                |  |                              |                              |  |
| Producing Thru (Annulus / Tubing) ANNULUS                     |            |   |          | % Carbon Dioxide  |  |                               |   | % Nitrog  |                |  | Gas Gravity - G <sub>g</sub> |                              |  |
| Vertical Depth  | (H)        |   |          |   |  | Pres                          | sure Taps   |   |                |  | (Meter                       | Run) (Pro                    | over) Size   |
| Pressure Build  | dup:       | Shut in   | 23       | 20  | 13 at 1                                | 0:00                          | (AM) (PM)   | Taken_9-  | 24             |  | 13 <sub>at</sub> 10:00       | (A                           | M) (PM)  |
| Well on Line:   |            | Started   |          | 20  | at                                     |                               | (AM) (PM) Taken   |   | 20             |  | at                           | (AM) (PM)                    |  |
|   |            |   |          |   |  | OBSERVE                       | D SURFAC  | E DATA  |                |  | Duration of Shut             | -in 24                       | Hour   |
| Dynamic S   | namic Size |   | sure C   | Pressure<br>Differential<br>in  | Flowing<br>Temperature<br>t            | Well Head<br>Temperature<br>t | Wellhead  | Casing Welthead Pressure (P,) or (P,) or (Pc)             |                | Tubing<br>ead Pressure<br>r (P <sub>1</sub> ) or (P <sub>0</sub> ) | Duration<br>(Hours)          | Liquid Produced<br>(Barrels) |  |
| Shut-In   | <u>-</u>   | psig (Pm  | )   Ir   | nches H <sub>2</sub> 0  |  |                               | psig<br>100   | psia  | psig           | psia   | 24                           | 1                            |  |
| Flow  | •          |   |          |   |  |                               |   |   |                |  |                              | 1                            |  |
|   |            |   |          |   |  | FLOW STR                      | EAM ATTR  | RIBUTES   |                |  |                              |                              |  |
| Plate Coefflecient (F <sub>b</sub> ) (F <sub>p</sub> ) P Mcfd |            | Circle one:  Meter or  Prover Pressure  psia                    |          | Press<br>Extension  | Fac                                    | Gravity To                    |   | Flowing Devia emperature Factor Factor F,                 |                | Metered Flov<br>R<br>(Mcfd)  | w GOR<br>(Cubic Fo<br>Barrel | eet/                         | Flowing<br>Fluid<br>Gravity<br>G <sub>m</sub>              |
|   |            |   | 1        | <del>-</del> <del></del> -  | (OPEN FL                               | OW) (DELIV                    | ERABILITY   | <br>') CALCUL   | ATIONS         |  |                              | ) <sup>2</sup> = 0.20        |  |
| P <sub>c</sub> ) <sup>2</sup> =                               | :          | (P_)2   | =        | : _   | Pa==                                   |                               | % (F  | P <sub>c</sub> - 14.4) +                                  | 14.4 =         | :  | -                            | ) <sup>2</sup> =             | ·  |
| $(P_c)^2 \cdot (P_a)^2$<br>or<br>$(P_c)^2 \cdot (P_d)^2$      |            | (P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> |          | P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> P <sub>o</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> by: P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> | LOG of formula 1, or 2. and divide by: |                               | Backpressure Curve Slope = "n" or Assigned Standard Slope |   | n x LOG        |  | Antilog                      | Antilog Equals F             |  |
|   | -          |   |          |   |  |                               | •   |   |                |  |                              |                              |  |
| Open Flow   |            |   |          | lcfd @ 14.6   | 35 nela                                |                               | Deliveret   | nility  |                |  | Mold @ 14 SE                 | via.                         |  |
| <u>:</u>  | reiann     | nd authority  |          |   | -                                      | states that h                 | Deliverat   | <u>-</u>  | o mok- "       |  | Mcfd @ 14.65 ps              | •                            | dae et   |
| e facts stated  |            |   |          |   |  |                               |   | 16  |                | OVEMBER  | rt and that he h             |                              | eage or<br>0 <u>13                                    </u> |
|   |            |   |          |   |  |                               |   | M   | T<br>TUI       | rWI  | 118- K                       | (CC V                        | NICH   |
|   |            | Witness   | (if any) |   |  |                               | -   |   |                | For C  | Company                      | DEP                          | 2 201  |
|   |            | For Com   | mission  |   |  |                               | t   | /   |                | Chec   | :ked by                      | BE(                          | CEIVE  |
|   |            |   |          |   |  |                               |   |   |                |  | _                            | . //                         |  |

|            | elare under penalty of perjury under the laws of the state of Kansas that I am authorized to request  |
|------------|---|
|            | tatus under Rule K.A.R. 82-3-304 on behalf of the operator HERMAN L LOEB LLC                          |
|            | the foregoing pressure information and statements contained on this application form are true and     |
|            | the best of my knowledge and belief based upon available production summaries and lease records       |
|            | nent installation and/or upon type of completion or upon use being made of the gas well herein named. |
|            | eby request a one-year exemption from open flow testing for the HENRY TAYLOR #1                       |
| 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 furt     | her agree to supply to the best of my ability any and all supporting documents deemed by Commission   |
| staff as n | ecessary to corroborate this claim for exemption from testing.  |
|            |   |
| Date: NO   | DVEMBER 16, 2013  |
|            |   |
|            | Signature: James WERMAN L LOEB LLC AREA SUPERVISOR  |
|            | TITLE: (I) CINIMAN E LOCA ELO ANEA GOI ELO GOI  |

## 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.