KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Form G-2

Open Flow

Don't Deliverability

Company
HERMAN L LOEB LLC

Test Date: 9-17-13

Lease
MCKINNEY

API No. 15 15-119-00181-00-00

Well Number
A1

County MEADE

Location NW NW NE

Section 2

TWP 34S

RNG (E/W) 26W

Acres Attributed 640

Field MCKINNEY

Reservoir CHESTER

Gas Gathering Connection DCP MIDSTREAM

Completion Date Plug Back Total Depth 7-17-50

5932

Packer Set at NONE

Casing Size 5.60

Weight 15.50

Internal Diameter 4.950

Set at 5931

Perforations To 5762

5828

Tubing Size 2.375

Weight 4.70

Internal Diameter 1.995

Set at 5881

Perforations To

Type Completion (Describe) SINGLE

Type Fluid Production WATER

Pump Unit or Traveling Plunger? YES / NO

Producing Thru (Annulus / Tubing) YES-PUMPING UNIT

% Carbon Dioxide

% Nitrogen

Gas Gravity - G,

ANNULUS

Vertical Depth(H) Pressure Taps

(Meter Run) (Prover) Size

Pressure Buildup: Shut in 9-17 at 9:30 (AM) (PM) Taken 9-18 13 9:30 (AM) (PM)

Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM)

OBSERVED SURFACE DATA Duration of Shut-in 24 Hours

<table>
<thead>
<tr>
<th>Static / Dynamic Property</th>
<th>Critical Size (inches)</th>
<th>Critical Prover Pressure psig (psm)</th>
<th>Pressure Differential psig (psm) in H2O</th>
<th>Flowing Temperature ºF</th>
<th>Well Head Temperature ºF</th>
<th>Casing Wellhead Pressure (P_a) or (P_a) or (P_a)</th>
<th>Tubing Wellhead Pressure (P_a) or (P_a) or (P_a)</th>
<th>Metered Flow Rate (Mcl/d)</th>
<th>GOR (Cubic Feet/Barrel)</th>
<th>Flowing Fluid Gravity G_n</th>
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<tbody>
<tr>
<td>Shut-in</td>
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<td>110</td>
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<td>Flow</td>
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FLOW STREAM ATTRIBUTES

<table>
<thead>
<tr>
<th>Plate Coefficient (P_x) (P_y) Mcl/d</th>
<th>Cone or Meter or Prover Pressure psig (psm)</th>
<th>Press Extension (P_x) or (P_y)</th>
<th>Gravity Factor F_g</th>
<th>Flowing Temperature Factor F_t</th>
<th>Deviation Factor F_m</th>
<th>Metered Flow Rate (Mcl/d)</th>
<th>GOR (Cubic Feet/Barrel)</th>
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(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

\[
(P_a)^2 = \frac{(P_x)^2 - (P_y)^2}{(P_x)^2 - (P_y)^2} \text{ or } \frac{(P_x)^2 - (P_y)^2}{(P_x)^2 - (P_y)^2}
\]

Choose formula 1 or 2:

1. \(P_x^2 - P_y^2\)

2. \(P_x^2 - P_y^2\)

\[
\text{LOG of formula 1, or 2, and divide by } P_x^2 - P_y^2
\]

Backpressure Curve Slope = "n"

\[n = \frac{\text{LOG}_{10}(P_x^2/P_y^2)}{P_x^2 - P_y^2}
\]

Analog

Open Flow Deliverability = \(R \times \text{Analog (Mcl/d)}\)

Open Flow Deliverability = \(14.65\) psig

Deliverability = \(14.65\) psig

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 16 day of \(\text{NOVEMBER, 2013}\).

Witness (if any) For Company

For Commission

Received 01-12-2013
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 HERMAN L LOEB LLC 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 MCKINNEY A1 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: NOVEMBER 16, 2013

Signature: [Signature]
Title: HERMAN L LOEB LLC AREA SUPERVISOR

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.