Form G-2
(Rev. 7/03)

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

Type Test: *(See Instructions on Reverse Side)*

☑ Open Flow
☐ Deliverability

Test Date: 10/10/14

API No. 15: 15-067-21795-00-00

| Company | Lease | Well Number |
|---|---|---|
| LINN Operating, Inc. Correction | Hohner B | 4 ATU-391 |

| County | Location | Section | TWP | RNG (E/W) | Acres Attributed |
|---|---|---|---|---|---|
| Grant | ~~SE SE SE SE~~ NE NE NE NE | 23 | 27S | 38 W | 640 |

| Field | Reservoir | Gas Gathering Connection |
|---|---|---|
| Hugoton-Panoma | Chase & Council Grove | Jayhawk Gas Plant |

| Completion Date | Plug Back Total Depth | Packer Set at |
|---|---|---|
| 9/3/14 | NA | NA |

| Casing Size | Weight | Internal Diameter | Set at | Perforations | To |
|---|---|---|---|---|---|
| 5.5 | 15.5 | 4.95 | 730 | 2372 | 2753 |

| Tubing Size | Weight | Internal Diameter | Set at | Perforations | To |
|---|---|---|---|---|---|
| NA | NA | NA | NA | NA | NA |

| Type Completion (Describe) | Type Fluid Production | Pump Unit or Traveling Plunger? Yes / No |
|---|---|---|
| Single | Dry Gas | NO |

| Producing Thru (Annulus / Tubing) | % Carbon Dioxide | % Nitrogen | Gas Gravity - $G_g$ |
|---|---|---|---|
| Annulus | .061 | 13.529 | .718 |

| Vertical Depth(H) | Pressure Taps | (Meter Run) (Prover) Size |
|---|---|---|
| | Flange | 3.068 |

Pressure Buildup: Shut in 10/10 20 14 at 11:00 AM (AM) (PM) Taken 10/13 20 14 at 11:00 AM (AM) (PM)

Well on Line: Started 10/13 20 14 at 11:00 AM (AM) (PM) Taken 10/14 20 14 at 11:00 AM (AM) (PM)

## OBSERVED SURFACE DATA

Duration of Shut-in 72 Hours

| Static / Dynamic Property | Orifice Size (inches) | Circle one: Meter Prover Pressure psig (Pm) | Pressure Differential in Inches $H_2O$ | Flowing Temperature t | Well Head Temperature t | Casing Wellhead Pressure ($P_w$) or ($P_t$) or ($P_c$) psig | Casing psia | Tubing Wellhead Pressure ($P_w$) or ($P_t$) or ($P_c$) psig | Tubing psia | Duration (Hours) | Liquid Produced (Barrels) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Shut-In | 1.000 | 13.8 | 0 | 62 | 62 | 13.8 | 28.2 | NA | NA | 72 | 0 |
| Flow | 1.000 | 11.9 | 37.2 | 62 | 62 | 11.9 | 26.3 | NA | NA | 24 | 0 |

## FLOW STREAM ATTRIBUTES

| Plate Coefficient ($F_b$) ($F_p$) Mcfd | Circle one: Meter or Prover Pressure psia | Press Extension $\sqrt{P_m x h}$ | Gravity Factor $F_g$ | Flowing Temperature Factor $F_{tt}$ | Deviation Factor $F_{pv}$ | Metered Flow R (Mcfd) | GOR (Cubic Feet/ Barrel) | Flowing Fluid Gravity $G_m$ |
|---|---|---|---|---|---|---|---|---|
| 4.912 | 26.3 | 31.279 | 1.180 | .9985 | 1 | 181.042 | 0 | 0 |

## (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$ = .7952 : $(P_w)^2$ = .6917 : $P_d$ = ____ % $(P_c - 14.4) + 14.4$ = ____ : $(P_a)^2$ = 0.207 $(P_d)^2$ = ____

| $(P_c)^2 - (P_a)^2$ 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. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$ | LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$ | Backpressure Curve Slope = "n" or Assigned Standard Slope | n x LOG | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) |
|---|---|---|---|---|---|---|---|
| .5882 | .1036 | 5.5807 | .7544 | .850 | .6412 | 4.3777 | 729.5417 |
| | | | | | | | |

Open Flow ____ Mcfd @ 14.65 psia Deliverability ____ Mcfd @ 14.65 psia

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 17th day of October, 20 14.

Witness (if any)

Shawn Hildreth — For Company

For Commission

Checked by