

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST
(See Instructions on Reverse Side)

Form G-2
 (Rev 8/98)

Type Test:

- Open Flow
 Deliverability **WHSIP**

Test Date: 11/8/12

API No. 15-095-00429-0000

| | | | | | | |
|---|-----------------------------|--------------------------------------|------------------------|---|--------------------------------|--|
| Company LINN OPERATING, INC. | | Lease KINSLER B GAS UNIT | | | Well Number 1 | |
| County KINGMAN | Location NW NE SE | Section 32 | TWP 29S | RNG (E/W) 8W | Acres Attributed 320 | |
| Field SPIVEY-GRABS-BASIL | | Reservoir Mississippi Chat | | Gas Gathering Connection WEST WICHITA GAS GATHERING | | |
| Completion Date 06/02/58 | | Plug Back Total Depth 4300 | | Packer Set at | | |
| Casing Size 5 1/2" | Weight 14# | Internal Diameter | Set at 4348' | Perforations 4226' | To 4278' | |
| Tubing Size 2 3/8" | Weight 4.7# | Internal Diameter | Set at 4296' | Perforations | To | |
| Type Completion (Describe) SINGLE GAS | | Type Fluid Production GAS | | Pump Unit or Traveling Plunger? PUMP | | Yes / No YES |
| Producing Thru (Annulus/Tubing) Annulus | | %Carbon Dioxide | | % Nitrogen | | Gas Gravity - G. |
| Vertical Depth (H) 4349' | | Pressure Taps | | | (Meter Run) (Prover) Size | |
| Pressure Buildup: | Shut In | <u>11/7</u> | <u>20 12</u> at | <u>9:15</u> (AM)(PM) | Taken | <u>11/8</u> <u>20 12</u> at <u>9:15</u> (AM)(PM) |
| Well on line: | Started | | <u>20</u> at | | Taken | <u>20</u> at |

OBSERVED SURFACE DATA

Duration of Shut-In **24.00**

| Static/ Dynamic Property | Orifice Size (Inches) | Circle one: Meter Prover Pressure psig | Pressure Differential in Inches H ₂ O | Flowing Temperature t | Well Head Temperature t | Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) | | Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) | | Duration (Hours) | Liquid Produced (Barrels) |
|--------------------------------|-----------------------------|---|---|-----------------------------|-------------------------------|--|------|--|------|---------------------|------------------------------|
| | | | | | | psig | psia | psig | psia | | |
| Shut-In | | | | | | 2.0 | 16.4 | pump | | 24.00 | |
| Flow | | | | | | | | | | | |

FLOW STREAM ATTRIBUTES

| Plate Coefficient (F _b)(F _p) Mcf/d | Circle one: Meter or Prover Pressure psia | Press. Extension $\sqrt{P_m \times H_w}$ | Gravity Factor F _g | Flowing Temperature Factor F _t | Deviation Factor F _{dv} | Metered Flow R (Mcf/d) | GOR (Cubic Feet/ Barrel) | Flowing Fluid Gravity G _m |
|---|--|--|-------------------------------------|--|--|------------------------------|--------------------------------|---|
| | | | | | | | | |

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ (P_a)² = 0.207
 (P_a)² = _____

| (P _c) ² - (P _a) ² | (P _c) ² - (P _w) ² | $\frac{P_c^2 - P_a^2}{(P_c)^2 - (P_w)^2}$ | LOG of formula 1. or 2. and divide by | Backpressure Curve Slope = "n" or Assigned Standard Slope | n x LOG | Antilog | Open Flow Deliverability Equals R x Antilog (Mcf/d) |
|---|---|---|---|---|---------|---------|--|
| | | | | | | | |

Open Flow

Mcf/d @ 14.65 psia

Deliverability

Mcf/d @ 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 9th day of November, 2012

Witness (if any)

For Company

For Commission

Checked by

