

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
- Deliverability

Test Date:
5/24 to 5/25/12

API No. 15
025-21,488-00-00

| | | | | | |
|---|----------------------|-------------------------------|----------------|--|------------------|
| Company Falcon Exploration | | Lease YBC | | Well Number 1-34 | |
| County Clark | Location SENWSWNW | Section 34 | TWP 30S | RNG (E/W) 22W | Acres Attributed |
| Field unknown | | Reservoir Morrow Sand | | Gas Gathering Connection Lost River | |
| Completion Date 12/09/09 | | Plug Back Total Depth 5625 | | Packer Set at none | |
| Casing Size 5.5 | Weight | Internal Diameter | Set at 5640 | Perforations 5330 | To 5338 |
| Tubing Size 2.375 | Weight | Internal Diameter | Set at 5168 | Perforations | To |
| Type Completion (Describe) single | | Type Fluid Production none | | Pump Unit or Traveling Plunger? Yes / No no | |
| Producing Thru (Annulus / Tubing) Tubing | | % Carbon Dioxide .024 | | % Nitrogen 5.5196 | |
| Vertical Depth(H) | | Pressure Taps Flange | | (Meter Run) (Prover) Size 3" | |
| Pressure Buildup: Shut in | | 05/21 | 20 12 | at 9:30 am | (AM) (PM) Taken |
| Well on Line: Started | | 05/24 | 20 12 | at 9:30 am | (AM) (PM) Taken |

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OBSERVED SURFACE DATA

Duration of Shut-in 72 Hours

| Static / Dynamic Property | Orifice Size (inches) | Circle one: Meter Prover Pressure psig (P _m) | Pressure Differential in Inches H ₂ O | Flowing Temperature t | Well Head Temperature t | Casing Wellhead Pressure (P _w) or (P _i) or (P _c) | | Tubing Wellhead Pressure (P _w) or (P _i) or (P _c) | | Duration (Hours) | Liquid Produced (Barrels) |
|---------------------------|-----------------------|---|--|-----------------------|-------------------------|--|--------|--|--------|------------------|---------------------------|
| | | | | | | psig | psia | psig | psia | | |
| Shut-In | | | | | | 1061 | 1075.4 | 1061 | 1075.4 | 72 | |
| Flow | 1.250 | 35 | 18.8 | 82 | | 940 | 954.4 | 940 | 954.4 | 24 | |

FLOW STREAM ATTRIBUTES

| Plate Coefficient (F _c) (F _p) Mcfd | Circle one: Meter or Prover Pressure psia | Press Extension $\sqrt{P_m \times h}$ | 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 |
|--|--|---------------------------------------|-------------------------------|--|----------------------------------|-----------------------|--------------------------|--------------------------------------|
| 8.329 | 49.4 | 30.47 | 1.252 | .9795 | ----- | 311 | | .638 |

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207

(P_d)² = _____

(P_c)² = 1156.485 :

(P_w)² = 910.879 :

P_d = _____ %

(P_c - 14.4) + 14.4 = _____ :

| (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: $\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2}$ | Backpressure Curve Slope = "n" ----- Assigned Standard Slope | n x LOG [] | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) |
|--|---|---|--|--|-------------|---------|--|
| 1156.278 | 245.606 | 4.708 | .6728 | .786 | .5288 | 3.37 | 1048 |

Open Flow **1048**

Mcfd @ 14.65 psia X .50 =

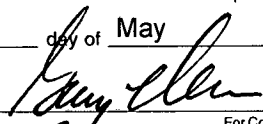
Deliverability **524**

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 31st day of May, 20 12.

Witness (if any)

For Commission



For Company
COCAL, INC.

Checked by