

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow
 Deliverability

Test Date:
5/17/2011

API No. 15
15-119-20485 - 0000

| | | | | | |
|--|-----------------------------|--|-----------------------|---|-------------------|
| Company Samson Resources Company | | Lease Adams | | Well Number 2-22A | |
| County Meade | Location E/2 NENE | Section 22 | TWP 34S | RNG (E/W) 29W | Acres Attributed |
| Field Unallocated | | Reservoir Council Grove | | Gas Gathering Connection ANR | |
| Completion Date Recomp. 7/19/93 | | Plug Back Total Depth 3200 | | Packer Set at | |
| Casing Size 5.5 | Weight 15.5 | Internal Diameter 4.95 | Set at 5406 | Perforations 3054 | To 3058 |
| Tubing Size 2.37 | Weight 4.7 | Internal Diameter 1.995 | Set at 3142 | Perforations | To |
| Type Completion (Describe) Single (Casing Perforations) | | Type Fluid Production None | | Pump Unit or Traveling Plunger? Yes / No No | |
| Producing Thru (Annulus / Tubing) Casing | | % Carbon Dioxide | | % Nitrogen 0.6655 | |
| Vertical Depth (H) 6550 | | Pressure Taps Flange | | (Meter Run) (Prover) Size 3.077 | |
| Pressure Buildup: Shut-in May-17 20 11 at _____ (AM/PM) Taken | | Well on Line: Started _____ 20 _____ at _____ (AM/PM) Taken | | _____ May-18 20 11 at _____ (AM/PM) | |

| OBSERVED SURFACE DATA | | | | | | | Duration of Shut-in _____ Hours | | | | |
|---------------------------|---------------------|---|---|-----------------------|-------------------------|---|---------------------------------|---|------|------------------|---------------------------|
| Static / Dynamic Property | Orifice Size inches | Circle one: Meter or Prover Pressure psig | Pressure Differential in (h) Inches H2O | Flowing Temperature t | Well Head Temperature t | Casing Wellhead Pressure (Pw) or (Pt) or (Pc) | | Tubing Wellhead Pressure (Pw) or (Pt) or (Pc) | | Duration (hours) | Liquid Produced (Barrels) |
| | | | | | | psig | psia | psig | psia | | |
| Shut-in | | | | | | 150 | 164.4 | | | 24 | |
| Flow | | | | | | | | | | | |

| FLOW STREAM ATTRIBUTES | | | | | | | | | |
|---------------------------------|---|-----------------------------|-------------------|-------------------------------|----------------------|-----------------------|--------------------------|--------------------------|--|
| Plate Coefficient (Fb)(Fp) Mcfd | Circle one: Meter or Prover Pressure psia | Press Extension (Pm x Hw)^2 | Gravity Factor Fg | Flowing Temperature Factor Ft | Deviation Factor Fpv | Metered Flow R (Mcfd) | GOR (Cubic Feet/ Barrel) | Flowing Fluid Gravity Gm | |
| | | | | | | | | | |

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(Pc)2= _____ (Pw)2= _____ Pd = _____ % (Pc-14.4)+14.4= _____ (Pa)2= 0.207
(Pd)2= _____

| | | | | | | | |
|-------------------------------|---------------|---|---------|--|-------------|---------|--|
| (Pc)2 - (Pa) or (Pc)2 - (Pd)2 | (Pc)2 - (Pw)2 | [. Pc2 - Pa2 Pc2 - Pd2 Pc2 - Pw2] | LOG [] | Backpressure Curve Slope= "n" — or — Assigned Standard Slope | n x LOG [] | ANTILOG | Open Flow Deliverability Equals R x Antilog Mcfd |
| | | | | 0.885 | | | |

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 19 day of May 20 11

Witness (if any)

[Signature]
SAMSON RESOURCES COMPANY
For Company

For Commission Computer Checked by **RECEIVED**

7160-3901-9842-8199-8434

MAY 23 2011
KCC WICHITA

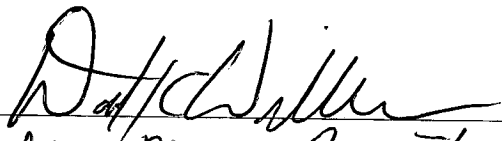
I declare under penalty or perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Samson Resources Company and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or type completion or upon use of the gas well herein named.

I hereby request a permanent exemption from open flow testing for the Adams 2-22A 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 incapable of producing at a daily rate in excess of 250 mcf/D

Date: 5/19/2011

Signature: 
Title: Gas Mgr. Specialist

Instructor: All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.