

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:
 Open Flow
 Deliverability

Test Date:
5/14/2013

API No. 15
15-119-20248-0000

| | | | | | |
|--|---------------------------|--|-----------------------|---|-------------------|
| Company Samson Resources Company | | Lease Barragree | | Well Number 1-25 | |
| County Meade | Location S/2 SW | Section 25 | TWP 34 | RNG (E/W) 29W | Acres Attributed |
| Field Adams Ranch | | Reservoir Chester-Morrow-Toronto | | Gas Gathering Connection Western Resources, Inc | |
| Completion Date 2/6/1977 | | Plug Back Total Depth 6213 | | Packer Set at | |
| Casing Size 5.5 | Weight 17 | Internal Diameter 4.892 | Set at 6379 | Perforations 4480 | To 6082 |
| Tubing Size 2.063 | Weight 3.25 | Internal Diameter 1.751 | Set at 6189 | Perforations | To |
| Type Completion (Describe) Multiple (Commingled) | | Type Fluid Production Water | | Pump Unit or Traveling Plunger? Yes / No Yes | |
| Producing Thru (Annulus / Tubing) Casing | | % Carbon Dioxide | | % Nitrogen 0.716 | |
| Vertical Depth (H) 6380 | | Pressure Taps Pipe | | (Meter Run) (Prover) Size 4.000 | |
| Pressure Buildup: Well on Line: | Shut-in Started | May-14 20 | 13 at | (AM/PM) Taken May-15 | 20 at |
| | | | | | (AM/PM) |

OBSERVED SURFACE DATA

| 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 | | | | | | 4 | 18.4 | 0 | | 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 = 0.339 (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 |
|-------------------------------|---------------|---|---------|--|-------------|---------|--|
| | | | | | | | |

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 20th day of May 2013.

[Signature]
SAMSON RESOURCES COMPANY
For Company

Witness (if any)

For Commission

KEE WICHITA Computer Checked by

7010-0780-0001-3731-1319

MAY 22 2013

RECEIVED


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 Barragree 1-25 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: 5/20/2013

Signature: 
Title: Gen. Mgr. Spec.

Instruction 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.