

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

15-119-20250-0000

Type Test:
 Open Flow
 Deliverability

Test Date:
5/17/2011

API No. 15
15-119-20250

Company Samson Resources Company		Lease Adams		Well Number 1-18	
County Meade	Location NE NE	Section 18	TWP 35	RNG (E/W) 28W	Acres Attributed
Field Adams Ranch		Reservoir Morrow-Chester-St. Louis	Gas Gathering Connection Western Resources, Inc		
Completion Date 4/11/1977		Plug Back Total Depth 6446	Packer Set at		
Casing Size 5.5	Weight	Internal Diameter	Set at	Perforations	To
Tubing Size 2.06	Weight	Internal Diameter	Set at 5813	Perforations 5790	To 6398
Type Completion (Describe) Multiple (Commingled)	Type Fluid Production Oil-Water		Pump Unit or Traveling Plunger?	Yes / No Yes	
Producing Thru (Annulus / Tubing) Casing		% Carbon Dioxide	% Nitrogen	Gas Gravity - Gg 0.697	
Vertical Depth (H) 5794	Pressure Taps Pipe		(Meter Run) (Prover) Size 2.000		
Pressure Buildup: Shut-in <u>May-17</u> 20 <u>11</u> at _____ (AM/PM) Taken <u>May-18</u> 20 <u>11</u> at _____ (AM/PM)	Well on Line: Started _____ 20 _____ at _____ (AM/PM) Taken _____ 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)	Fluid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						94	108.4			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 (Mcf/d)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity Gm

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(Pc)2 = 11.751 (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 19 day of May 20 11

[Signature]
SAMSON RESOURCES COMPANY
For Company

Witness (if any)

For Commission

Computer
Checked by

7160-3901-9842-8199-8434

RECEIVED

MAY 23 2011

KCC WICHT


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 1-18 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 Area 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.