

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: Open Flow Deliverability (See Instructions on Reverse Side)

Test Date: 5/14/2013 API No. 15
15-119-20500 - 0000

Company Samson Resources Company		Lease Merkle		Well Number 2-8	
County Meade	Location NW SE NW	Section 8	TWP 35	RNG (E/W) 28W	Acres Attributed
Field Adams Ranch		Reservoir Chester	Gas Gathering Connection Western Resources		
Completion Date 7/19/1981		Plug Back Total Depth 6133	Packer Set at 5989.5		
Casing Size 4.5	Weight 10.5	Internal Diameter 2.922	Set at 6220	Perforations 6060	To 6078
Tubing Size 2.375	Weight 4.7	Internal Diameter 1.995	Set at 6057	Perforations	To
Type Completion (Describe) Single (Casing Perforations)		Type Fluid Production None		Pump Unit or Traveling Plunger? No	
Producing Thru (Annulus / Tubing)		% Carbon Dioxide	% Nitrogen	Gas Gravity - Gg 0.6999	
Vertical Depth (H) 6220		Pressure Taps Pipe		(Meter Run) (Prover) Size 2.068	
Pressure Buildup: Well on Line:	Shut-in Started	<u>May-14</u> 20 <u>13</u> at	(AM/PM) Taken	<u>May-15</u> 20 <u>13</u> 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) psig / psia		Tubing Wellhead Pressure (Pw) or (Pt) or (Pc) psig / psia		Duration (hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in								87	101.4	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 = 10.282 (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
				0.900			

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

KCC WICHITA Computer
Checked by

7010-0780-0001-3731-1319

MAY 22 2013

RECEIVED

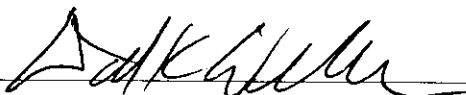
I declare under penalty or perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Samson Resources Company and that the foregoing information and statements contained on this application form are true and correct 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 Merkle 2-8 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: Gas Meas. Spec.

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.