Form G-2
(Rev. 8/98)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:
☐ Open Flow
☐ Deliverability

Test Date: 5/20/2014

API No. 15: 15-119-20500-0000

Company	Lease	Well Number
Samson Resources Company	Merkle	2-8

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Meade	NW NW SE NW	8	35	28W	

Field	Reservoir	Gas Gathering Connection
Adams Ranch	Chester	Western Resources

Completion Date	Plug Back Total Depth	Packer Set at
7/19/1981	6133	5989.5

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
4.5	10.5	2.922	6220	6060	6078

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2.375	4.7	1.995	6057		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger?	Yes / No
Single (Casing Perforations)	None		No

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - Gg
Tubing			0.6999

Vertical Depth (H)	Pressure Taps	(Meter Run) (Prover) Size
6220	Pipe	2.068

Pressure Buildup: Shut-in May-20 20 14 at _____ (AM/PM) Taken May-21 20 14 at _____ (AM/PM)
Well on Line: Started _____ 20 _____ at _____ (AM/PM) Taken _____ 20 _____ 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) psig	Casing Wellhead Pressure (Pw) or (Pt) or (Pc) psia	Tubing Wellhead Pressure (Pw) or (Pt) or (Pc) psig	Tubing Wellhead Pressure (Pw) or (Pt) or (Pc) psia	Duration (hours)	Liquid Produced (Barrels)
Shut-in								70	84.4	24	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coeffiecient (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 7.123 (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 Deliverbility _____ 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 23 day of May, 20 14.

Witness (if any)

For Company SRC

For Commission

Computer Checked by

7010-0780-0001-3731-1388

KCC WICHITA
JUN 02 2014
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.
- [X] is incapable of producing at a daily rate in excess of 250 mcf/D

Date: 5/23/2014

Signature: Dell K Culler

Title: Gas Mes Specialist

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.