Form G-2
(Rev. 7/03)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

KCC WICHITA

MAY 12 2014

RECEIVED

(See Instructions on Reverse Side)

Type Test:
- [x] Open Flow
- [ ] Deliverabilty

Test Date: 4-15-2014

API No. 15: 15-009-24718-00-00

Company	Lease	Well Number
Rama Operating Co., Inc	Aldrich	1

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Barton	NE NE NE	29	19S	14 W	

Field	Reservoir	Gas Gathering Connection
Heizer	Chase	American Energies

Completion Date	Plug Back Total Depth	Packer Set at
10/2001	1840	None

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
4 1/2"	9.5#	4.0	2028'	1740-44	1760-64

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2 3/8"	6.5#	2.441	1726'		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No
Single-Acidize	Salt water	Pumping Unit

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
Annulus		26.58	0.685

Vertical Depth(H)	Pressure Taps	(Meter Run) (Prover) Size
	Flange	2"

Pressure Buildup: Shut in April 11, 20 14 at 9:00am (AM) (PM) Taken April 14, 20 14 at 9:00am (AM) (PM)

Well on Line: Started April 14, 20 14 at 9:00am (AM) (PM) Taken April 15, 20 14 at 9:00am (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 72 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter / Prover Pressure psig (Pm)	Pressure Differential in Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Casing psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						100	114.4	10	24.4	72	15
Flow	.375	40	8	60	60	40	54.4	10	24.4	24	

FLOW STREAM ATTRIBUTES

Plate Coeffiecient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m x h}$	Gravity Factor F_g	Flowing Temperature Factor F_{tt}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m
.6860	54.4	20.86	1.208	1.00	1.00	17		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$ = 13.09 : $(P_w)^2$ = 2.96 : P_d = _____ % $(P_c - 14.4) + 14.4$ = _____ : $(P_a)^2$ = 0.207 $(P_d)^2$ = _____

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$	Backpressure Curve Slope = "n" / Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
12.88	10.13	1.27	.0104	.787	.0082	1.208	21

Open Flow 21 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 28th day of April, 20 14.

Witness (if any)

For Company

For Commission

Checked by