Form G-2
(Rev. 7/03)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: *(See Instructions on Reverse Side)*

☐ Open Flow
☐ Deliverability

Test Date: 7/15/2011

API No. 15: 15-093-20586-00-00

Company	Lease	Well Number
MERIT ENERGY COMPANY	GARDEN 'A'	#3

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
KEARNY		1	24	35W	640

Field	Reservoir	Gas Gathering Connection
PANOMA	COUNCIL GROVE	REGENCY

Completion Date	Plug Back Total Depth	Packer Set at
2/9/1979	3082'	N/A

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
5 1/2"	14#		3090'	2766'	2858'

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2 3/8"	4.7#		2894'	OPEN END	

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No
SINGLE GAS	SALTWATER	PUMP UNIT

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
ANNULUS	UNKNOWN	UNKNOWN	.729

Vertical Depth(H)	Pressure Taps	(Meter Run) (Prover) Size
	FLANGE	METER RUN - 4"

Pressure Buildup: Shut in 7/12 20 11 at 8:15 AM (AM) (PM) Taken 7/14 20 11 at 8:30 AM (AM) (PM)

Well on Line: Started 7/14 20 11 at 8:40 AM (AM) (PM) Taken 7/15 20 11 at 8:30 AM (AM) (PM)

Duration of Shut-in 48 Hours

OBSERVED SURFACE DATA

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	.750	10	0	60	60	10	23	12		48	4
Flow	.750	2	5	60	60	2	15	12		24	1

FLOW STREAM ATTRIBUTES

Plate Coefficient (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
2.25	2	3.1	1.000	1.000	1.000	22		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

$(P_c)^2 - (P_a)^2$ or $(P_d)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	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" 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 15TH day of JULY, 20 11.

Witness (if any)

For Company

For Commission

Checked by

RECEIVED
DEC 16 2011
KCC WICHITA