KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST
(See Instructions on Reverse Side)

Type Test:

☑ Open Flow

☐ Deliverabilty

Test Date: 7/21 to 7/22/14

API No. 15 095-20,436-00-00

Company		Lease				Well Number
Gemini Oil Co		Miles				2

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Kingman	W/2SESE	19	27S	10W	

Field	Reservoir	Gas Gathering Connection
Cunningham	Towanda	Oneok

Completion Date	Plug Back Total Depth	Packer Set at
11/22/75		none

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
5.5			1674	1674	1692 open hole

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2.375			1677		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No
single	SW	No

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
tubing	.00	18.632	.675

Vertical Depth(H)	Pressure Taps	(Meter Run) (Prover) Size
	flange	3"

Pressure Buildup: Shut in __7/18__ 20 __14__ at __3:30 pm__ (AM) (PM) Taken __7/21__ 20 __14__ at __3:30 pm__ (AM) (PM)

Well on Line: Started __7/21__ 20 __14__ at __3:30 pm__ (AM) (PM) Taken __7/22__ 20 __14__ at __3:30 pm__ (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	psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						95.8	110.2			72	
Flow	.375	36.7	1.8	95		69.9	84.3			24	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	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
.6848	51.1	9.59	1.217	.9680	------------	8		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2 =$ __12.144__ : $(P_w)^2 =$ __7.106__ : $P_d =$ _____ % $(P_c - 14.4) + 14.4 =$ _____ :

$(P_a)^2 = 0.207$

$(P_d)^2 =$ _____
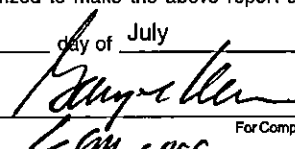
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$	Backpressure Curve Slope = "n" --------- or --------- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
11.937	5.038	2.369	.3745	.850	.3183	2.08	17
				assigned			

Open Flow **17** 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 __31st__ day of __July__ , 20 __14__ .

Witness (if any) _____

For Commission _____

For Company _____

For Company _____ *Gemini, Inc.*

Checked by _____