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

Type Test:

[✓] Open Flow

[✓] Deliverabilty

Test Date:
9/12 to 9/13/13

API No. 15
095-22,140-00-00

Company	Lease	Well Number
Wildcat Oil & Gas, LLC	Hageman	1

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Kingman	W/2SWSW	19	29S	08W	

Field	Reservoir	Gas Gathering Connection
Willowdale SE	Miss	Lumen-WWGG

Completion Date	Plug Back Total Depth	Packer Set at
5/13/08		none

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
4.5			4331	4223	4228

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2.375			4230		

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

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
Annulus	.0749	3.4401	.674

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

Pressure Buildup: Shut in __9/09__ 20 __13__ at __10:15 am__ (AM) (PM) Taken __9/12__ 20 __13__ at __10:15 am__ (AM) (PM)

Well on Line: Started __9/12__ 20 __13__ at __10:15 am__ (AM) (PM) Taken __9/13__ 20 __13__ at __10:15 am__ (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$_2$0	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						173.0	187.4			72	
Flow	.375	64	.8	68		64.6	79.0			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_{tf}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m
.6860	78.4	7.92	1.218	.9924	------------	6		.674

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS
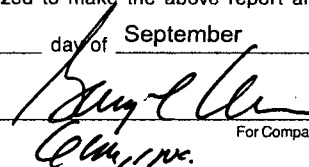
$(P_c)^2 =$ __35.118__ : $(P_w)^2 =$ __6.241__ : $P_d =$ _____% $(P_c - 14.4) + 14.4 =$ _____ :

$(P_a)^2 = 0.207$

$(P_d)^2 =$ _____

$(P_c)^2 - (P_a)^2$ 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. $P_o^2 - P_d^2$ 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)
34.911	28.877	1.209	.0824	.850	.0700	1.17	7
				assigned			

Open Flow __7__ 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 __23rd__ day of __September__ , 20 __13__ .

_____ Witness (if any)

(signature) For Company