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

Form G-2
(Rev 8/98)

Type Test

[X] Open Flow

[ ] Deliverability

Test Date: **06/11/13**   API No. 15- **189-22693 - 0001**

Company		Lease			Well Number
ANADARKO PETROLEUM CORPORATION		KRAMER			#1-1

County	Location	Section	TWP	RNGE (E/W)	Acres Attributed
STEVENS	1100' FSL & 1950' FWL	1	34S	38W	640

Field	Reservoir	Gas Gathering Connection	
HUGOTON	CHASE	AGC	

Completion Date	Plug Back Total Depth	Packer Set at	
11/13/12	2995	N/A	

Casing Size	Weight	Interenal Diameter	Set at	Perforations	To
5.5	15.5	4.95	6683	2662	2843

Tubing Size	Weight	Interenal Diameter	Set at	Perforations	To
2.375	4.7	1.995	2861	N/A	N/A

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger?	Yes / No
GAS	WATER	ROD PUMP	YES

Producing Thru (Annulus / Casing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
CASING	0.124	12.189	0.709

Vertical Depth (H)	Pressure Taps	(Meter Run)	(PROVER)	Size
2752	FLANGE	X		2

Pressure Buildup:	Shut in	06/07/13	at 9:15 a.m.	Taken	06/10/13	at 9:15 a.m.
Well on Line:	Started	06/10/13	at 9:15 a.m.	Taken	06/11/13	at 9:15 a.m.

OBSERVED SURFACE DATA

Duration of Shut-in   72 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						7	21.4	PUMP		72	
Flow	1.000	5.2	2.3	76	60	5.5	19.9	PUMP		24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F_b) (F_p) Mcfd	Circle One: Meter or Prover Pressure psia	Pressure Extension Sqrt ((Pm)(Hw))	Gravity Factor F_g	Flowing Temperature Factor F_{fl}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m
5.073	19.6	6.714	1.188	0.985	1.000	40	0	0.000

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2=$	0.458	$(P_w)^2=$	0.396	$P_d=$	%	$(P_c-14.4)+14.4=$	$(P_w)^2=0.207$ $(P_d)^2=$

$(P_c)^2-(P_a)^2$ 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. $(P_c^2-P_w^2)$ and divide by:	Backpressure Curve Slope = "n" ---- or ---- Assigned Standard Slope	$n \times LOG( )$	Antilog	Open Flow Deliverability Equals R x Antilog Mcfd
0.251	0.062	4.048	0.607	0.850	0.516	3.281	131

Open Flow   131 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 __11th__ day of _June_ , 2013_ .

_____
Witness (if any)

_____
For Commission

ANADARKO PETROLEUM
_____
For Company

BRIAN NORTON
_____
Checked by

KCC WICHITA

JUN 18 2013

RECEIVED