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- **189-22631– 0000**

Company **ANADARKO PETROLEUM CORPORATION**	Lease **SAVAGE HEIRS**	Well Number **#1-1**

County **STEVENS**	Location **1320' FSL & 1980' FWL**	Section **1**	TWP **33S**	RNGE (E/W) **38W**	Acres Attributed **640**

Field **HUGOTON**	Reservoir **CHASE**	Gas Gathering Connection **AGC**

Completion Date **11/12/13**	Plug Back Total Depth **3300**	Packer Set at **N/A**

Casing Size **5.5**	Weight **17**	Interenal Diameter **4.95**	Set at **6439**	Perforations **2576**	To **2740**

Tubing Size **2.375**	Weight **4.7**	Interenal Diameter **1.995**	Set at **2670**	Perforations **N/A**	To **N/A**

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

Producing Thru (Annulus / Casing) **CASING**	% Carbon Dioxide **0.124**	% Nitrogen **13.091**	Gas Gravity - G_g **0.729**

Vertical Depth (H) **2658.5**	Pressure Taps **FLANGE**	(Meter Run) **X**	(PROVER)	Size **3**

Pressure Buildup:	Shut in **06/07/13**	at 10:00 a.m.	Taken **06/10/13**	at 10:00 a.m.
Well on Line:	Started **06/10/13**	at 10:00 a.m.	Taken **06/11/13**	at 10:00 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 (P_w) or (P_t) or (P_c) psig	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						3.5	17.9	PUMP		72	
Flow	1.000	2.3	2.2	86	60	2.5	16.9	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_{ft}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m
4.912	16.7	6.061	1.171	0.976	1.000	34	0	0.000

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_w)^2 = 0.207$

$(P_c)^2=$	0.32	$(P_w)^2=$	0.286	$P_d=$ _____ %	$(P_c-14.4)+14.4=$		$(P_d)^2=$ _____

$(P_c)^2-(P_a)^2$ 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 x LOG( )	Antilog	Open Flow Deliverability Equals R x Antilog Mcfd
0.113	0.034	3.324	0.522	0.850	0.444	2.778	94

Open Flow   94 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_ .

_____   ANADARKO PETROLEUM
Witness (if any)   For Company

_____   BRIAN NORTON
For Commission   Checked by