KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Form G-2
(Rev 8/03)

(See Instructions of Reverse Side)

Type Test
- [ ] Open Flow
- [ ] Deliverability

Test Date: 03/07/12

API No. 15- 129 20472-00-00

Company	Lease	Well Number
ANADARKO PETROLEUM CORPORATION	INTERSTATE	13

County	Location	Section	TWP	RNGE (E/W)	Acres Attributed
MORTON	SE NW SE	21	34	43	0

Field	Reservoir	Gas Gathering Connection
INTERSTATE	REDCAVE	HUGS W

Completion Date	Plug Back Total Depth	Packer Set at
11/11/80	1265	NA

Casing Size	Weight	Interenal Diameter	Set at	Perforations	To
4.5	10.5	4.052	1265	1188	1203

Tubing Size	Weight	Interenal Diameter	Set at	Perforations	To
2.375	4.7	1.995	1202	NA	NA

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

Producing Thru (Annulus / Casing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
CASING	1.27	41.17	0.767

Vertical Depth (H)	Pressure Taps	(Meter Run)	(PROVER)	Size
1196	FLANGE	X		3

Pressure Buildup:	Shut in 03/06/12	2000 at 9:30am	(AM)(PM)	Taken 3/7/12	2000 at 9:30am	(AM)(PM)
Well on Line:	Started NA	2000 at	(AM)(PM)	Taken NA	2000 at	(AM)(PM)

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size inches	Circle One: Meter or Prover Pressure psig	Pressure Differential in (h) Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Casing Wellhead Pressure psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing Wellhead Pressure psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						48	62.4			24	
Flow	0.500	NA	NA	NA	60	NA	0			NA	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
1.214	14.4	0	1.142	1.063	1.000	0	0	0.000

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$= 3.894 $(P_w)^2$= 0 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. 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
3.687	3.894	0.947	-0.024	0.850	-0.020	0.954	0

Open Flow **Deliverability**

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 this the 7th day of March 2012

Witness (if any)

Thomas L. Walsh
For Company

For Commission

Checked by

RECEIVED
JUL 23 2012
KCC WICHITA

Form G-2
(Rev. 7/03)

RECEIVED

JUL 23 2012

KCC WICHITA

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Amadarko and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.

I hereby request a one-year exemption from open flow testing for the Interstate 13-21 gas well on the grounds that said well:

(Check one)

- ☐ is a coalbed methane producer
- ☐ is cycled on plunger lift due to water
- ☐ is a source of natural gas for injection into an oil reservoir undergoing ER
- ☐ is on vacuum at the present time; KCC approval Docket No. _____
- ☑ is not capable of producing at a daily rate in excess of 250 mcf/D

I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 04/23/12

Signature: _____

Title: Production Engineer

Instructions: If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas