

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Form G-2
(Rev. 8/88)

Type Test Open Flow
 Deliverability

Test Date: **03/09/12** API No. 15- 129 20466-00-00

Company ANADARKO PETROLEUM CORPORATION		Lease LINSCOTT		Well Number B-4	
County MORTON	Location 1190 FNL&1350 FWL	Section 32	TWP 34	RNGE (E/W) 43 W	Acres Attributed 0
Field INTERSTATE		Reservoir REDCAVE		Gas Gathering Connection HUGS W	
Completion Date 01/21/81		Plug Back Total Depth 1291		Packer Set at NA	
Casing Size 4.5	Weight 10.5	Internal Diameter 4.052	Set at 1291	Perforations 1242	To 1274
Tubing Size 2.375	Weight 4.7	Internal Diameter 1.995	Set at 1244	Perforations NA	To NA
Type Completion (Describe) SINGLE GAS		Type Fluid Production NA		Pump Unit or Traveling Plunger? Yes / No	
Producing Thru (Annulus / Casing) CASING		% Carbon Dioxide 1.27		% Nitrogen 42.168	
Vertical Depth (H) 1258		Pressure Taps FLANGE		(PROVER) Size 3	
Pressure Buildup: Well on Line:		Shut in <u>03/08/12</u> Started <u>NA</u>		2000 at 9:30am (AM)(PM) 2000 at (AM)(PM)	
		Taken <u>03/09/12</u> Taken <u>NA</u>		2000 at 9:30am (AM)(PM) 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 ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _i) or (P _e)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _e)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						43	57.4			24	
Flow	1.000	NA	NA	NA	60	NA	0			0	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _p) Mcfd	Circle One: Meter or Prover Pressure psia	Pressure Extension Sqrt ((P _m)(H _w))	Gravity Factor F _g	Flowing Temperature Factor F _T	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
4.912	14.4	0	1.100	1.063	1.000	0	0	0.000

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_d)²= 3.295 (P_w)²= 0 P_d= _____ % (P_c-14.4)+14.4= _____ (P_w)²=0.207 (P_d)²= _____

(P _d) ² -(P _a) ² or (P _d) ² -(P _w) 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
3.088	3.295	0.937	-0.028	0.850	-0.024	0.947	0

Open Flow 0 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 9th day of March 2012

Witness (if any)

Thomas L. Walsh
For Company

For Commission

Checked by

RECEIVED
JUL 23 2012
KCC WICHITA

RECEIVED

Form G-2
(Rev. 7/03)

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 Anadarko 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 Linscott B-4 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: [Handwritten 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