Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:			(See Instruct	ions on Rev	verse Side))					
Open Flow	v		Test Date	. ,			A DI N	Vo. 15				
✓ Deliverabilty		01/18/2012			API No. 15 023-21097-00-00							
Company Petroleum Development Corp			Lease Rueb Farms				Well Number 34B-34					
county Location Cheyenne SWSWSE		Section 34				RNG (E/W) 42W		Acres Attributed 160		tributed		
Field Cherry Creek		Reservoir Niobra i	,		Gas Gathering Connection PDC Stones Throw Gathering							
Completion Date 09/22/2008			Plug Back Total Depth 1671'			Packer Set at n/a						
Casing Size Weight 4.5" 10.5#		Internal Diameter 4"		Set at 1693'		Perforations 1542'		то 1554'				
ubing Size Weight 4.75#		Internal Diameter 2"		Set at 1575'		Perforations		То				
Type Completion (Describe) N2 Fracture		Type Flui Brine \	d Production	1		Pump Unit or Traveling Yes, PU		Plunger? Yes / No				
Producing Thru (Annulus / Tubing) Annulus			% Carbon Dioxide				% Nitrogen <1%		Gas Gravity - G _g			
Vertical Depth(H 1720')		-170	Press	sure Taps				(Meter I	Run) (Pr	over) Size	
Pressure Buildur	o: Shut in	8	12 _{at} 3	:40pm	(AM) (PM)	Taken_0	1/19	20 _	12 _{at} 3:50pr	n (/	AM) (PM)	
Well on Line:									at		AM) (PM)	
		·		OBSERVE	D SURFACI	E DATA			Ouration of Shut-	in_24	Hours	
Dynamic Size	amic Size Prover Pressi		re Flowing Well He Temperature t		I Wallhood Proceura		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In					95	рэга	psig	polu				
Flow										<u> </u>		
				FLOW STR	EAM ATTR	IBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Gravit Extension Facto Pmxh F		or Temperature		Fa	Deviation Metere Factor F F p (Mo		w GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
		* (Amount of the control of the cont	one of the modern	4.,,							· .	
D 12 _ '	· /D \2_			OW) (DELIV				•	(P _a) (P _d)	$^{2} = 0.20$)7	
$\frac{ P_c ^2 = \frac{1}{(P_c)^2 - (P_a)^2}}{(P_c)^2 - (P_d)^2}$	$ (P_w)^2 = $	Choose formula 1 or 2:		LOG of formula 1. or 2.		Backpressure Curve Slope = "n"		og O	· Antilog	Op Deli	Open Flow Deliverability Equals R x Antilog	
(c) (d)	d	ivided by: P _c ² - P _w ²	by:	P _c ² - P _w ²		ard Slope				(Mcfd)	
		•						• •				
Open Flow Mcfd @ 14.65 ps			65 psia	psia Deliverability			Mcfd @ 14.65 psia					
The undersi	gned authority, on	behalf of the	Company, s				o make the		t and that he ha		edge of	
	Witness (if	any)		in all more and the second	-	\rightarrow	fudi	The For Co	Secut mpany		EUEIVE	
	For Commis	ssion	,					Check	ed by	AF	R 2 4 2	

I declare und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
and that the foregone correct to the best of equipment insta	der Rule K.A.R. 82-3-304 on behalf of the operator Petroleum Development Corp going pressure information and statements contained on this application form are true and t of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. The set a one-year exemption from open flow testing for the Rueb Farms 34B-34 The set a said well:
_	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 et to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: <u>04/17/2012</u>	Signature: Judith Skutt Title: Sr. Engineering Tech

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 well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.