Form G-2 (Rev. 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

RECEIVED

JUL 19 2010

Open Flow Test Date: API No. 15 KCC WICHITA ✓ Deliverability 023-20824 01/18/2010 Lease Well Number Petroleum Development Corp Rueb Farms 23-34 County Location Section **TWP** RNG (E/W) Acres Attributed **SWNESW** Cheyenne 34 42W 3S 160 Field Reservoir Gas Gathering Connection PDC Stones Throw Gathering Cherry Creek Niobrara Completion Date Plug Back Total Depth Packer Set at 04/30/2008 1633' n/a Weight Casing Size Internal Diameter Set at Perforations To 4.5" 10.5# 4" 1658 1532' 1546' Tubing Size Weight Internal Diameter Set at Perforations 2.375" 4.75# 1569 Type Completion (Describe) Type Fluid Production Pump Unit or Traveling Plunger? Yes / No N2 Fracture Brine Water Yes, PU % Carbon Dioxide Producing Thru (Annulus / Tubing) % Nitrogen Gas Gravity - G **Annulus** <1% <1% Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size 1675' ₂₀10 _{at}8:30am 01/18 _____20 10 at 2:00pm 01/19 __ (AM) (PM) Taken. Pressure Buildup: Shut in (AM) (PM) Well on Line: _ 20 ___ at ___ _ (AM) (PM) Taken_ __ 20 ___ at ___ Started _ 24 **OBSERVED SURFACE DATA** Duration of Shut-in Hours Circle one: Casing Tubing Pressure Static / Orifice Flowing Well Head Meter Differential Wellhead Pressure Wellhead Pressure Duration Liquid Produced Temperature Dynamic Size Temperature Prover Pressur (P_w) or (P_l) or (P_c) (P_w) or (P_t) or (P_c) (Hours) (Barrels) (inches) Property psig (Pm) Inches H₂0 psia psia psia psia Shut-In 142 Flow **FLOW STREAM ATTRIBUTES** Circle one. Plate Flowing Flowing Press Gravity Deviation Metered Flow GOR Meter or Coeffiecient Temperature Extension Fluid Factor Factor (Cubic Feet/ $(F_{\mathfrak{b}})(F_{\mathfrak{p}})$ Prover Pressure Factor Gravity P_xh F۵ F_D, (Mcfd) Barrel) psia Mcfd F, G_ (OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_a)^2 = 0.207$ $(P_c - 14.4) + 14.4 =$ $(P_d)^2 =$ Choose formula 1 or 2: Backpressure Curve Open Flow LOG of (P_c)² - (P_a)² (P_c)² - (P_w)² 1. P.2-P.2 Slope = "n" n x LOG Deliverability formula Antilog --- or----2. P.2-P.2 1. or 2. Equals R x Antilog $(P_a)^2 - (P_a)^2$ and divide Assigned P_c²-P_w² divided by: P2-P2 Standard Slope (Mcfd) Open Flow 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 day of July harful Witness (if anv) For Commission Checked by

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	KCC WICHITA
	y 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 Petroleum Development Corp
and that the foregoing pres	ssure information and statements contained on this application form are true and
correct to the best of my kn	owledge and belief based upon available production summaries and lease records
·	d/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 Rueb Farms 23-34
gas well on the grounds tha	ut said well:
(Check one)	
is a coal	bed methane producer
is cycled	d on plunger lift due to water
is a sour	rce of natural gas for injection into an oil reservoir undergoing ER
is on vac	cuum at the present time; KCC approval Docket No
✓ is not ca	pable of producing at a daily rate in excess of 250 mcf/D
	y to the best of my ability any and all supporting documents deemed by Commission corate this claim for exemption from testing.
Date: <u>07/14/2010</u>	
	Signature: Little
	Title: Area Supervisor

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.