KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

RECEIVED

Type Test	:					((See Instr	ructio	ons on Re	verse Side)					Jl	JL 19	2010
Open Flow				Test Date:					API No. 15									
✓ Deliverabilty			03/22/2010					023-20710 0000			KCC WICHI			HIT				
Company Petrole		eve	lopment	Cor	p				Lease Northr	up					32-15	Well Nur	nber	_
County Cheyenne				Location NWSWNE			Section 15			TWP RNG (E/W) 2S 42W					Acres A	ttributed		
Field Cherry Creek					Reservoi Niobra					Gas Gathering Connection PDC Eureka Gathering							_	
Completic 11/01/2		е				Plug Back Total Depth				Packer Set at n/a			at					_
Casing Size 4.5"			Weight 10.5#			Internal Diameter 4"			Set at Perforati 1790 1 1655 1				ons	ns To 1667 '				
Tubing Si 2.375"	ze		Weight 4.75#			Internal Diameter 2"				Set at Perforations 1688			ons	То				
Type Con N2 Frac		n (De	escribe)			Type Flui Brine \	id Produc Nater	tion			Pump Yes		r Travelin	g Plunger	? Yes	/ No		
Producing Thru (Ann Annulus			nulus / Tubing)			% (<1%	% Carbon Dioxid			% Nitrogen <1%			<u></u>	Gas Gravity - G _e			9	_
Vertical D	epth(H	1)					Pr	ressu	ire Taps						(Meter F	Run) (Pro	over) Size	_
Pressure	Buildu	p:	Shut in 03	/22	20	10 at 1	0:15am	(/	AM) (PM)	Taken_03	3/23		20	10 at_	10:20a	im (A	M) (PM)	_
Well on L	ine:		Started		20) at		_ (/	AM) (PM)	Taken			20	at _		(<i>F</i>	AM) (PM)	
							OBSER	VED	SURFAC	E DATA				Duration	of Shut-i	in_24	Hour	- s
Static / Dynamic Property	Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	emperature Temperature		Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		(P _w	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration Li (Hours)		1 '	Liquid Produced (Barrels)	
Shut-In					2			1	55	рыа	psi	9	psia					
Flow																		
							FLOW S	TRE	AM ATTR	IBUTES								_
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension P _m x h	Gravity . Factor F _g		Ten	Flowing mperature Factor F ₁₁	perature Factor				w GOR (Cubic Feet Barrel)		et/	Flowing Fluid Gravity G _m	
						(OPEN FL	OW) (DEL	IVE	RARII ITY) CALCUL	ATION!	s			<i>i</i> = 10			J
P _c) ² =		<u>.</u> :	(P _w) ² :	=	:	-				, - 14.4) +					(P _d) ²	e = 0.20 e =		
)2 a)2	(P _c) ² - (P _w) ²		1	se formula 1 or 2: $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ and by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:			Backpressure Curve Slope = "n" or Assigned Standard Slope		l n	n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flov	v		ŀ		Mcfd @ 14.6	5 nsia			Deliverab	oility				Mcfd @ 1	4 65 nsia	a		<u> </u>
The L	ndersi	•	•	on be	ehalf of the	Company, s			is duly au	uthorized to	day of .	July	•	ort and the	at he has	s knowle	edge of	-
			Witness	(if anv)			-	-	1	let t	ll	1 For	Company				
			For Com						•••					cked by				_

JUL 1 9 2010

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 Petroleum Development Corp
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
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 Commiss
staff as necessary to corroborate this claim for exemption from testing.
Date: 07/13/2010
Signature:
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.