## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:		<b>U.1.</b>	•		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(See Insti	ructi	ions on Re	everse Sia	ie)	V ·	· (ADILI)					
Open Flow  ✓ Deliverabilty					Test Date: 03/10/11				API No. 15 023-20820 <b>~∞-~</b>									
Company		eve	lopment (	Cori	າ	03/10/1			Lease Schler	n		023-	20020	<u>~</u>		Well Nu	mber	
Petroleum Development Corp  County Location Cheyenne SWNWNW				Section 33			TWP 3S	TWP			RNG (E/W) 42W			Acres Attributed				
Field Cherry Creek					Reservoir Niobrara				Gas Gathering									
Completion Date 09/22/2008			<del> </del>			Plug Back Total Depth 1678'			P			Packer Set at n/a						
				Weight 10.5#			Internal Diameter 4"			Set at 1697'			tions		то 1552'			
Tubing Size Weight 2.375" 4.75#				Internal Diameter 2"			Set at 1588'			1538' Perforations			То					
Type Completion (Describe) N2 Fracture				Type Flu Brine	id Produc						l Plur	Plunger? Yes / No						
Producing Thru (Annulus / Tubing) Annulus					Carbon Di	de	% Nitrogen <1%				Gas Gravity - G <sub>g</sub>							
Vertical Depth(H) 1720'				- 170	Pressure Taps				-170				(Meter Run) (Prover) Size					
Pressure	Buildup	);	Shut in 03	/10	20	0_11_at_1	0:00am	1	(AM) (PM)	Taken_0	3/1:	2	20	11	at_10:05a	am (	(AM) (PM)	
Well on L	.ine:	;	Started		20	) at			(AM) (PM)	Taken			20		at	(	AM) (PM)	
							OBSER	VE	D SURFAC	E DATA				Dura	ition of Shut-	<sub>in</sub> 24	Hours	
Static / Dynamic Property	Orifice Size (inches)		Circle one:  Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )			Wellhead (P <sub>w</sub> ) or (F	Tubing ead Pressure r (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In					2				psig 195	psia		psig	psia					
Flow																<u></u>		
			Circle one:	T			FLOW S	TRE	EAM ATTE	RIBUTES				-				
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Meter or Prover Pressure			Press Extension	Fac	Gravity Te		emperature Fa		viatio actor F <sub>pv</sub>			w GOR (Cubic Fe Barre!)		et/	Flowing Fluid Gravity G <sub>m</sub>	
L								· ~;							······································			
(P <sub>c</sub> ) <sup>2</sup> =		<u>.</u> :	(P <sub>w</sub> ) <sup>2</sup> :	<u> </u>	:	(OPEN FL		LIVE %		') CALCUI P <sub>c</sub> - 14.4) -			:		(P <sub>a</sub> ) (P <sub>d</sub> )	2 = 0.2 2 =	07	
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1	se formula 1 or 2: $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ ad by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:			Slo As	ssure Curve ne = "n" or signed ard Slope		n x LOG		Antilog		Open Flow Deliverability Equals A x Antilog (Mcfd)		
Open Flo	10/				Mcfd @ 14.6	35 neia			Deliverat	oility		. ,		Motel	@ 14.65 psi	2		
		gned	authority, o			· · · · · · · ·	states tha	t he			to m	ake the			d that he ha		ledge of	
			-		eport is true							of July	•	<u> </u>	•	, , 4	20 11 .	
			Witness	(if any	)			_	-	-	u	diti	H (J	Compan	utt		RECEIVE	
			For Com			····		_	-	0			Che	ked by		A	PR 242	

I declare und exempt status un and that the fore correct to the best of equipment inst	der penalty of perjury under the laws of the state of Kansas that I am authorized to request 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 st of my knowledge and belief based upon available production summaries and lease records callation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the Schlepp 11-33
gas well on the g	rounds that 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
Date: <u>07/12/201</u>	<u> </u>
	Signature: Judith Pruitt  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.