KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	: en Flow liverabil					Test Date 03/10/20):	ructi	ons on Reve	erse Side	API	No. 15 3-20824 —	\triangle	`		
Company Petroleu		eve	lopment (Corr	<u> </u>	03/10/20	,,,,		Lease Rueb Fa	arms	02.	3-20024	23-3	Well N	ımber	
County Location Cheyenne SWNESW				Section 34				TWP 3S		W)	Acres Attributed 160					
Field Cherry Creek					Reservoir Niobrara			Gas Gathering Conn PDC Stones Thro								
Completion Date 04/30/2008					Plug Bac 1633'	Plug Back Total Depth 1633'			n Packer Set at n/a							
Casing Si 4.5"	asing Size Weight 5" 10.5#				Internal E 4"	Internal Diameter 4"			Set at 1658'		rations 2'	то 1546'				
Tubing Si 2.375"	ubing Size Weight 4.75#				Internal E 2"	Internal Diameter 2"			Set at 1569'		rations	То				
Type Completion (Describe) N2 Fracture						Type Fluid Production Brine Water					ump Unit or Traveling Plunger? 'es, PU			Yes / No		
Producing Thru (Annulus / Tubing) Annulus						% C	% Carbon Dioxido			e % Nitrogen <1%			Gas Gravity - G _q			
Vertical D 1675'	epth(H))					P	ress	ure Taps				(Meter	Run) (F	Prover) Size	
Pressure	Buildup): Ş	Shut in _03	/10	2	0 11 at 1	0:25an	1	(AM) (PM)	aken_03	3/11	20	11 _{at} 11"30	am	(AM) (PM)	
Well on Li	ine:					0 at						20	at		(AM) (PM)	
							OBSE	RVE	SURFACE	DATA	· · · · · ·		Duration of Shu	-in_24	Hours	
Static / Dynamic Property	c Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t		Casing Wetthead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_1) or (P_e) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In									195							
Flow		_														
				т-			FLOW	STRI	EAM ATTRIE	BUTES	-	·				
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension	Gravity Factor F _g		Flowing Temperature Factor F _{it}		Deviation Factor F _{pv}		Metered Flow R (Mcfd)	v GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m	
(P _c) ² =		_:	(P _w)² =	=	:	(OPEN FLO	OW) (DE	LIVE	ERABILITY) (P _e	CALCUL - 14.4) +		:	_) ² = 0.3	207	
(P _e) ² - (F or (P _a) ² - (F	· 1	(P _c) ² · (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _s ² 2. P _c ² - P _s ² divided by: P _c ² - P _s ²		LOG of formula 1, or 2. and divide	formula 1. or 2. and divide p.2. p.		Backpress Slope Assig Standar	= "n" pr gned	n x	rog	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Onen Flor	1				Maid @ 14	GE asia			Daliverabili	Bur			Moid @ 14 CE o	la la		
Open Flov	·	ned	Lauthority of		Mcfd @ 14.	<u>-</u>	tatoe the	at bo	Deliverabili		n make th		Mcfd @ 14.65 ps rt and that he h		uladae of	
									this the 14		day of <u>J</u>	uly	, and that He [1		20 <u>2011</u>	
· · · · · ·			Witness					_	_		f/l	sh	Company		RECEIVI	
			For Com					_					ked by		AUG 0 2	

exempt and that	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Petroleum Development Corp t the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
	reby request a one-year exemption from open flow testing for the Rueb Farms 23-34
l fur	(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 ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
	necessary to corroborate this claim for exemption from testing.
Date: <u>0</u>	7/14/2011
	Signature:
	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.

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