Form G-2 (Rev. 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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Type Test	i;				(See Instruct	ions on Hevi	erse Siae	;)			JU	LIJZ	
	en Flo liverab				Test Date 02/17/2				API 023	No. 15 3-20307 5 (300	KCC	WICH	
Company Petrole		eve	lopment Co	orp			Lease Brunswi	ig			12-7-	Well Nu ·4	ımber	
County Cheyenne			Location S2SWNE		Section 12		TWP 2S			RNG (E/W) 42W		Acres Attributed 160		
Field Cherry Creek				Reservoir Niobrara			Gas Gathering Connection PDC Eureka Gathering							
Completion Date 04/23/1991			Plug Back Total Depth 1659				Packer Set at n/a							
Casing Size 4.5"			Weight 10.5#		Internal Diameter 4"		Set at 1700 '		Perforations 1522 '		то 1554	To 1554 '		
Tubing Size 2.375"			Weight 4.75#		Internal Diameter 2"		Set at 1588 '		Perforations		То			
Type Con N2 Frac	•	n (De	escribe)		Type Flui Brine V	d Production	ר.		Pump Ur Yes, P	nit or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing) Annulus			% Carbon Dioxide				% Nitrog	en	Gas G	Gas Gravity - G _g				
Vertical D		i)			~170	Pres	sure Taps				(Meter	Run) (P	rover) Size	
	Buildu	n·	Shut in 02/1	7	10 _{at} 7	:45am	(AM) (PM)	Taken 02	2/18	20	10 _{at} 7:45a	m	(AM) (PM)	
Well on L											at			
						OBSERVE	D SURFACE	DATA			Duration of Shut	t-in24	Hour	
Static / Orifice Dynamic Size Property (inches)		е	Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Mollhoad Pressure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liqu	Liquid Produced (Barrels)	
Shut-In							65							
Flow														
						FLOW STR	EAM ATTRI	BUTES					1	
Plate Coefficient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m x h	Gravity Factor F _g		emperature Fac		iation Metered Flow ctor R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS) ² = 0.2	207	
P_) ² =		:	(P) ² =	:	P _d =		% (P,	- 14.4) +	14.4 =	:) ² =		
(P _c) ² - (I	P _a) ²	(F	P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ Iivided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Slope Assi	sure Curve e = "n" origned rd Slope	l n x	LOG	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
^ ~ ~				M-4-1 @ 4 :	05		Dolines-"	114.			Mcfd @ 14.65 ps			
Open Flo				Mcfd @ 14.	······································		Deliverabil							
		-	-	behalf of the					day of _J	uly	t and that he h			
			Witness (if	any)					atte	For Co	ompany			
			For Commi	ssion				,		Check	ked by			

HH 1 C 7099

KCC WICHITA

	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status u	inder Rule K.A.R. 82-3-304 on behalf of the operator Petroleum Development Corp
and that the for	regoing pressure information and statements contained on this application form are true and
correct to the b	est of my knowledge and belief based upon available production summaries and lease records
• •	stallation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby red	quest a one-year exemption from open flow testing for the Brunswig 12-7-4
gas well on the	grounds that said well:
(Che	ck 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
V	is not capable of producing at a daily rate in excess of 250 mcf/D
I further ag	ree to supply to the best of my ability any and all supporting documents deemed by Commissio
	ary to corroborate this claim for exemption from testing.
	,
Date: 07/12/20	10
	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.