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

Type Test:				(	See Instr	uctions on Re	verse Side	e)		1 1231		
☐ Open Flow  Test Dat  O1/18/2								Pl No. 15 23-21043—	00-00			
Company Petroleum	Deve	elopment C	orp			Lease Rueb I	Farms				Well Number	
County Location S			Section 34			TWP 3S		RNG (E/W) 42W		Acres Attributed		
Field Reso					Reservoir Niobrara			Gas Gathering Connection PDC Stones Throw Gathering				
Completion Date Plug Ba				Plug Bac 1672'	k Total D	epth		Packer in/a				
Casing Size Weight 10.5#			Internal Diameter 4"			Set at 1691'		Perforations 1540'		To 1554'		
Tubing Size 2.375"	oing Size Weight		Internal Diameter		Set	Set at 1579'		Perforations		То		
Type Completion (Describe) Typ				Type Flui	Type Fluid Production Brine Water			Pump Unit or Traveling Plunger? Yes / No Yes, PU				
Producing Thru (Annulus / Tubing)					% Carbon Dioxide			% Nitrog		Gas Gr	Gas Gravity - G <sub>g</sub>	
Vertical Depth	h(H)			~170	· Pr	essure Taps		~170		(Meter	Run) (Prover) Size	
Pressure Buil	ldup:	Shut in01/	1820	12 at 1	2:25pm	(AM) (PM)	Taken_0	1/19	20	12 <sub>at</sub> 12:30p	om (AM) (PM)	
Well on Line:											(AM) (PM)	
					OBSER	/ED SURFAC	E DATA			Duration of Shut-	in 24 Hours	
Dynamic S	rifice Size nches)	ize Prover Pressure Diffe		Flowing Well Head Temperature t t		Wellhead	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Tubing ead Pressure or (P, ) or (Pc)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In						78		psig				
Flow												
Plate		Circle one:	Press	Grav		Flowing			1444	000	Flowing	
Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	1	Meter or over Pressure psia	Extension P <sub>m</sub> x h	Gravity Factor F		Temperature Factor F <sub>11</sub>	Fa	iation ctor <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	eet/ Fluid Gravity	
				-								
P <sub>c</sub> ) <sup>2</sup> =	:	(P <sub>w</sub> ) <sup>2</sup> =_	:	(OPEN FLO	OW) (DEL	IVERABILITY	) CALCUL <sub>c</sub> - 14.4) +		:	(P <sub>a</sub> ) (P <sub>d</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> ided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> LOG of formula 1. or 2. and divide by:		P 2 - P 2	Backpre Slop As	Backpressure Curv Slope = "n" or Assigned Standard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow			Mcfd @ 14.6	55 psia	<del>" </del>	Deliverab	nility			Vlcfd @ 14.65 ps	ia	
· · · · · · · · · · · · · · · · · · ·	ersigned	d authority, on			tates that			o make th		t and that he ha		
ne facts stated	d therei	n, and that sa	id report is true	and correc	t. Execute	ed this the 1	7	day of $\frac{A}{2}$	April	7:4	, 20 <u>12</u> RECEIVE	
		Witness (if	any)	1974		-	$\overline{}$	qu as	For C	ompany	APR 2 4 2	
		For Commi	ssion		·	-			- Chec	ked by	KCC WICH	

exempts and that correct t of equip	eclare 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 Corput 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 oment installation and/or upon type of completion or upon use being made of the gas well herein named. Pereby request a one-year exemption from open flow testing for the Rueb Farms 33-34.
	(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
	rther 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: _04	Signature: Quath Phutt
	Signature:

## 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.