KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					'See Instru	ctions on Rev	erse Side	9)					
Open F	Flow			Test Date	۵٠			۸۵	l No. 15				
✓ Deliver	rabilty			03/06/2					3-21045 ~C	00-00			
Company Petroleum	Deve	elopment C	orp			Lease Rueb F	arms			34-34	Well Number		
County Location Cheyenne NESWSE			Section 34		TWP 3S	RNG (E/W) 42W			Acres Attributed 160				
Field Cherry Creek				Reservoir Niobrara			Gas Gathering Connection PDC Stones Throw G						
Completion Date 09/03/2008			Plug Bac 1672'	Plug Back Total Depth 1672'			Packer Set at						
Casing Size Weight5" 10.5#			Internal (4"	Internal Diameter 4"		Set at 1694'		orations 86'	To 1550'	то 1550'			
Tubing Size	bing Size Weight			Internal Diameter N/A		Set at N/A		orations	То				
Type Complet N2 Fractur					d Production			Pump U No	nit or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing)				% (% Carbon Dioxide			% Nitrogen			Gas Gravity - G _g		
Casing Vertical Depth(H)			<1%	<1% Pressure Taps			<1%			(Meter Run) (Prover) Size			
1720'		Shut in	ne	12 1	0:50am		03	2/07		12 11:11:			
Pressure Build Well on Line:										12 at 11:11a	(AM) (PM)		
THE CIT LINE.		Olaried		o at		_ (Aivi) (Fivi)	iaken		20	at			
· · · · · · · · · · · · · · · · · · ·		T 0: 4	-1-		OBSERV	ED SURFACE		1		Duration of Shut	-in 24 Hours		
Dynamic S	mic Size Prover Pro		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	e Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In						70	psia	psig	psia				
Flow													
					FLOW ST	REAM ATTRI	BUTES						
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or over Pressure psia	Press Extension P _m xh	Grav Fact	' 1	lemperature i		ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	eet/ Fluid		
	<u> </u>			(ODEN EL	3W() (DEL II)	CDADUITY	041.011	ATIONIO					
P _c) ² =	<u>_</u> :	(P _w) ² =_		P _d =		/ERABILITY) % (P.	- 14.4) +		:	(P _a) (P _d)) ² = 0.207) ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(F	P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. $P_c^2 - P_g^2$ 2. $P_c^2 - P_d^2$ tivided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slope (Assi	sure Curve e = "n" or gned rd Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
	-												
Open Flow			Mcfd @ 14.	SE peia		Deliverabil	it			Matel @ 14.00 ==	:-		
	reiane	d authority on			tatos that h			males th		Mcfd @ 14.65 ps			
			id report is true					day of A		t and that he ha	12012		
								udi	the	quitt	RECEIVE		
		Witness (if	any)				0		For C	ompany	APR 2 4 20		
		For Commit	ssion						Chec	ked by	KCC WICH		

exempt status under Ru and that the foregoing correct to the best of m of equipment installation	enalty of perjury under the laws of the state of Kansas that I am authorized to request ule K.A.R. 82-3-304 on behalf of the operator Petroleum Development Corp pressure information and statements contained on this application form are true and by knowledge and belief based upon available production summaries and lease records on and/or upon type of completion or upon use being made of the gas well herein named. One-year exemption from open flow testing for the Rueb Farms 34-34
gas well on the ground	
is c	coalbed methane producer ycled on plunger lift due to water source of natural gas for injection into an oil reservoir undergoing ER n vacuum at the present time; KCC approval Docket No ot capable of producing at a daily rate in excess of 250 mcf/D
_	upply to the best of my ability any and all supporting documents deemed by Commission orroborate this claim for exemption from testing.
Date: 04/17/2012	
	Signature: Judith Fruitt 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.