KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test					(See msnuci	ions on neve	2156 310	=)				
	eliverabi				Test Date 02/11/2	-	API No. 15 023-20717 000						
Company Petroleu		/elop	ment Corp	oration			Lease Gemaeh	lich			43-18	Well Nu	umber
County Location Cheyenne NESE			Section 18		TWP 2S		RNG (E/W) 41W		Acres Attributed 320				
Field Cherry Creek				Reservoir Niobrara			Gas Gathering Connection PDC Eureka Gathering						
Completion Date 12/13/2006			Plug Bac 1645'	Plug Back Total Depth 1645'			Packer S N/A	et at					
Casing Size Weight 4 1/2" 10.5#				Internal [4"	Diameter	Set at 1662'		Perforations 1532'		то 1544'			
Tubing Size 2 3/8"			Weight 4.75#		Internal Diameter 2"		Set at 1573'		Perforations		То		
Type Con		(De	scribe)		Type Flui Brine \	d Production Vater	1			it or Traveling umping Un	Plunger? Yes i t	/ No	
Producing Thru (Annulus / Tubing) Annulus				% C <1%	% Carbon Dioxide			% Nitrog	en	Gas G	Gas Gravity - G _g		
Vertical D)				Press	sure Taps				(Meter	Run) (P	Prover) Size
Pressure	Buildu	o: S	Shut in02/	11 2	09 _{at} 1	0:45am	(AM) (PM)	Taken_0	2/12	20 .	09 _{at} 3:13p	<u>m</u>	(AM) (PM)
Well on L											at		(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shu	t-in_28	.5 Hour
Static / Dynamic Property	Size	Orifice Size Prover Pre		Pressure Differential in Inches H ₂ 0	Differential in Flowing Temperature		Well Head Temperature t (P _w) or (P _t psig				Duration Liqu (Hours)		id Produced (Barrels)
Shut-In			7-3 ()	2			85	рыа	psig	psia			
Flow													
						FLOW STR	EAM ATTRI	BUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		_ /	Circle one: Meter or rer Pressure psia	Press Extension √ P _m x h	Grav Fac F	tor T	Flowing Temperature Factor F ₁₁		viation Metered Flow factor R F _{pv} (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
					(000000				17:01:0				
P _c) ² =		_:	(P _w) ² =	:	(OPEN FL	, ,	ERABILITY) % (P _o		- 14.4 =	:	v	$(x_i)^2 = 0.2$ $(x_i)^2 = $	207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide		Backpressure Curvi Slope = "n" or Assigned Standard Slope		l n x L	.og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow			Mcfd @ 14.65 psia			Deliverability		<u> </u>		Mcfd @ 14.65 ps	sia s		
The i	undersi	-	-		Company, s		e is duly aut	horized 1	_	e above repor	t and that he h	as know	vledge of
			Witness (if					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	garry	pour	X	_00	T 1 5 2
			For Comm			····					ked by	KCC	WICH
			1 OI COITHII	130.011						0.1001			🔾 1

I declare under penalty of perjury under the laws of the state of Kansas that I am a exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Petroleum Developm	·									
and that the foregoing pressure information and statements contained on this application										
correct to the best of my knowledge and belief based upon available production summario	es and lease records									
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.										
I hereby request a one-year exemption from open flow testing for theGemaehlich 43	3-18									
gas well on the grounds that said well:										
(Charle and)										
(Check one) is a coalbed methane producer										
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										
C and the control of										
I further agree to supply to the best of my ability any and all supporting documents d	leemed by Commission									
staff as necessary to corroborate this claim for exemption from testing.										
Date: October 12, 2009	RECEIVED									
	OCT 1 5 2009									
	KCC WICHIT									
Signature:										
Title: Regulatory Agent										

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.