KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	l:			((See Instruc	tions on Rev	erse Side)					
Op	en Flow			Total Date				A DI	N- 45				
I / I Deliverebilty					Test Date: API No. 15 023-20733-CC								
Company Petroleum Development Corp					Lease Gemaehlich					Well Number 22-17			
County Location Cheyenne E2SENW				Section 17		TWP 2S			RNG (E/W) 41W		Acres Attributed		
Field Cherry Creek				Reservoi Niobra			Gas Gathering Conn PDC Eureka Gat						
Completion Date				Plug Bac 1608'	k Total Dep	th	Packer Set at n/a						
Casing Size Weight 4.5" 10.5#			Internal (Diameter		Set at 1627'		rations	т _о 1494'				
Tubing Size Weight			ght	Internal (Diameter	Set a	Set at		0' rations	To			
		4.75 Describe)	 		id Productio					veling Plunger? Yes / No			
N2 Frac		nnulus / Tubi	ng)	Brine \	Water Carbon Diox	ide			en en	Gas Gravity - G			
Annulus Vertical Depth(H)				<1%		-	<1%			(Meter Run) (Prover) Size			
1630'	epin(H)				Pres	sure Taps				(Meter	Hun) (P	rover) Size	
Pressure Buildup:		Shut in 03/13 20		12 at 8	12 at 8:17am (/		Taken 03	3/14 20		12 at 8:35am		(AM) (PM)	
Well on L	ine:	Started	2	0 at	at (/		AM) (PM) Taken		20	at (/		AM) (PM)	
				,	OBSERVE	D SURFACE	DATA			Duration of Shu	_{t-in} 24	Hours	
Static / Orifice Dynamic Size		Circle one Meter Prover Pres	Differential	Flowing Temperature		Casing Wellhead Pressure (P_) or (P_) or (P_c)		Tubing Wellhead Pressure (P_) or (P,) or (Pe)		Duration (Hours)		Liquid Produced (Barrels)	
Property	(inches)	psig (Pm	i) inches H ₂ 0	t	t	psig	psia	psig	psia	<u> </u>	· ·		
Shut-in Flow						110					+		
1 10 14				<u> </u>	FLOW STE	REAM ATTRI	BUTES	<u> </u>					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _n xh	Press Gravi		ity Flowing or Temperature				tered Flow GOR R (Cubic F. (Mctd) Barrel		Flowing Fluid Gravity G	
P _e)² =		(P _w)²	<u> </u>	(OPEN FL		'ERABILITY) % (P	CALCUL - 14.4) +) ² = 0.2	207	
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_a)^2$		(P _e) ² - (P _w) ²	2. P _c ² -P _d ²	P2-P2 LOG of formula 1 or 2. P2-P2 a formula 1 or 2. P2-P3 and divide		Backpressure Curve Slope = "n" Assigned Standard Slope		T .	og [Antilog	O De Equal	pen Flow liverability s R x Antilog (McId)	
			divided by: $P_c^2 - P_u$	2 by	P.2 - P.2	Status	ng Sigha					,	
Open Flo	l w		Mcfd @ 14	<u> </u> .65 psia		Deliverabi	ility	j		Mcfd @ 14.65 p	sia		
The	undersign	ed authority,	on behalf of the	Company, s	states that h	ne is duly au	thorized to	make th		· · · · · · · · · · · · · · · · · · ·		dedge of	
	•	•	said report is tru	•		•		day of A		P,		20 12 RECEIV	
		Witness	(d any)			-		qua	For C	company	ul	APR 24	

exempt status und and that the foreg correct to the best of equipment insta	er penalty of perjury under the laws of the state of Kansas that I am authorized to request the Rule K.A.R. 82-3-304 on behalf of the operator Petroleum Development Corpagoing pressure information and statements contained on this application form are true and the of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named.
	est a one-year exemption from open flow testing for the Gemaehlich 22-17 ounds that said well:
_	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>04/17/2012</u>	Signature: Judith Visutt

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.