KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	t: pen Flo eliverab				(Test Date		ctions on Rev	erse Side	API	No. 15	20.00		
Company FOUNDATION ENERGY MANAGEMENT, L					LLC	<u> </u>	Lease ZWEYG	15-023-20800-0 Lease ZWEYGARDT			Well Number 21-05		
County Location CHEYENNE NENW				Section 5		TWP 4S			/W)	A	Acres Attributed		
Field CHERRY CREEK				Reservoi					thering Conn	ection KINDER MORG	 GAN		
Completion Date 10/5/2007				Plug Bac 1506'	k Total Dep	otin		Packer Set at					
Casing Size 7", 41/2"			Weigh 17#, 9		Internal Diameter 9-7/8",61⁄4"			Set at 240', 1551'		rations O'	To 1452'		
Tubing Size 2-3/8""			Weigh 4.7#	l	Internal Diameter 1.995"			Set at 1413'		rations	То		
Type Completion (Describe) SINGLE (GAS)					d Productio	on	Pump Unit or T YES		nit or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing) TUBING				% Carbon Dioxide				% Nitrog	jen	Gas Gra	Gas Gravity - G _g		
Vertical E	Depth(F	1)				Pres	ssure Taps				(Meter F	un) (Prover) Size	
Pressure	Buildu	•	Shut in 3/2	ô 2	0_14_at_1	1:30 AM	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on L	ine:	:	Started 3/2	72	0 <u>14</u> at <u>2</u>	:30 PM	. (AM) (PM)	Taken		20	at	(AM) (PM)	
			<u> </u>			OBSERVI	D SURFACE				Duration of Shut-i	27 Hours	
Static / Orifice Dynamic Size Property (inches)		е	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H ₂ 0	remperature temperatur		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Weilhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							F-Vi	100		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Flow						EL OW ST	REAM ATTRI	DUTER					
Plate	,		Circle one:	Press	0:		Flowing	Ţ				Flowing	
Coeffiecient			Meter or ver Pressure psia	Extension P _m xh	Factor		Temperature Factor F _{II}		eviation Metered Flor Factor R F _{pv} (Mcfd)		V GOR (Cubic Fee Barrel)	Fluid	
			1				· · · · · · · · · · · · · · · · · · ·						
							/ERABILITY)					= 0.207	
(P _c)² =				: Choose formula 1 or 2:				•		:	(P _a) ²		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P	$(P_c)^2 - (P_w)^2$ 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$		LOG of formula 1, or 2, and divide by:		Backpressure Curve Slope = "n"or Assigned Standard Slope		n x 106		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
								·				-	
Open Flo	1 w			Mcfd @ 14.	65 psia	. <u>-</u> .	Deliverabi	lity			Mcfd @ 14.65 psia		
		aned	l authority, or		•	tates that i		-	o make th		rt and that he has	-	
		-		id report is true			-			•		, 20 14	
			Witness (i	any)			Received Poration com	MISSION		For C	отралу		
			For Comm	ission		SEP	0 3 201	4		Chec	ked by		

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries 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 the ZWEYGARDT 21-05 gas well on the grounds 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
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: _8/29/2014
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 interestived 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.