## Form G-2 (Rev. 7/03)

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

Type Test	:				(	See Ins	struct	ions on Re	verse Side	)					5	
	en Flow liverabil				Test Date	<b>9</b> :					PI No. 15 5-023-21326-	- <i>D</i> e	080	•	118/	
Company Noble E	Energy	y In	c.					Lease Zweyga	ardt					Well Nur B	mber	
County			Location		Section			TWP		RNG (	E/W)			Acres A	ttributed	
Cheyer	ine		NE-NW	-NE-SW	32			38		41W				R	ECEIVED	
Field Cherry C	reek				Reservoi Niobrara						athering Coni iern Star/Kind					
Completic 9/1/2011		)			Plug Bac 1554'	k Total	Dept	h		Packer	Set at				<del>C 0 5</del> 201	
	Casing Size Weight 7", 4-1/2" 17#, 10.5#				Internal Diameter 9-7/8", 6-1/4"			Set at 284', 1631'			forations 15'		To KCC WICHI			
Tubing Si	ze		Weigh		Internal (	Diamete	ır	Set	at	Per	forations		То			
Type Con Single (		(De	scribe)		Type Flui saltwa		uction	1		Pump I	Unit or Travelin	ıg Plun	ger? Yes	/ No	<del></del>	
	Producing Thru (Annulus / Tubing)			% (	% Carbon Dioxide				% Nitre	ogen	***	Gas Gr	Gas Gravity - G			
Vertical D	_	)					Press	sure Taps					(Meter I	Run) (Pro	over) Size	
			0/1	•	40 0	.20						······································				
Pressure	Buildup		Shut in9/14		0_12_at_8			(AM) (PM)			20					
Well on L	ine:	•	Started 9/17	2	0 <u>12</u> at <u>1</u>	1.55		(AM) (PM)	Taken		20	o	at	(/	AM) (PM)	
	_					OBSE	RVE	D SURFAC	E DATA			Dura	tion of Shut-	75.5	Hours	
Static / Dynamic Property	Orific Size (ìnche		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperatu t		wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )			Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			paig (i iii)	mones 11 <sub>2</sub> 0				psig 135	psia	psig	psia	<del> </del>		<del> </del>		
Flow	•								,							
						FLOW	STR	EAM ATT	RIBUTES	<u> </u>				I		
Coeffiec (F <sub>b</sub> ) (F	Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or ver Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Extension Fac		' Tom		Fa	riation actor <sub>pv</sub>	Metered Flo R (Mcfd)	ow :	GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
					(OBEN EI	OW) (D	E 1 11/	ERABILITY	() CAL CIT	ATIONS						
(P <sub>c</sub> )² =		_:	(P <sub>w</sub> ) <sup>2</sup> =	;	•				•		· :		(P <sub>a</sub> ) (P <sub>d</sub> )	$r^2 = 0.20$ $r^2 = $		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 \cdot (P_o)^2$		(P <sub>c</sub> ) <sup>2</sup> · (P <sub>w</sub> ) <sup>2</sup>		Chaose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_a^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n"		n v i OG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)			
									······································							
Open Flo	w			Mcfd @ 14.	65 psia			Deliveral	bility	1	······	Mcfd	@ 14.65 ps	ia		
		-	•	behalf of the				•			•	ort and	d that he ha		edge of	
<u></u>			Witness (If	any)	<del> </del>						Fo	r Compan	у			
			For Comm	ssion			_	,			Ch	ecked by				

correct to the best of of equipment installa	ng pressure information and statements contained on this application form are true and my knowledge and belief based upon available production summaries and lease records tion and/or upon type of completion or upon use being made of the gas well herein named.  a one-year exemption from open flow testing for theZweygardt 23-32B
gas well on the grour	·
(Check on	e)
is is is	a coalbed methane producer cycled on plunger lift due to water a source of natural gas for injection into an oil reservoir undergoing ER on vacuum at the present time; KCC approval Docket No not capable of producing at a daily rate in excess of 250 mcf/D
_	supply to the best of my ability any and all supporting documents deemed by Commission corroborate this claim for exemption from testing.
Date: 11/30/2012	
	Signature:  Title: Regulatory Analyst

## 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.