## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test					(	See mstruct	ions on meve	erse Side	;)				12	
Open Flow Deliverabilty					Test Date	Test Date:				No. 15 023-20786~	7	1/2		
Company Noble Energy Inc.						Lease Zweygardt				020 20100 1	Well Number	<b>—</b> 7		
County Location Cheyenne SWSE NE-SE				Section 32		TWP 3S		RNG (E/W) 41W		Acres Attributed		∍d		
Field	iiie 🍂	<u>ルラミ NI</u>	A NE-SE						Gas Gathering Connecti		lion RE		ECE	
Cherry Creek				Niobrara			Southern Star/Kin			er Morgan		<u>ጉ</u>		
Completion Date 9/20/2007				Plug Bac 1511'	k Total Dept	1		Packer Set at			UĘ	LUS		
			Neight				Set at 291', 1553'		Perforations 1348'		то 1390'	KCC	WIC	
Tubing Size		17#, 9.5# Weight			Internal Diameter		Set at		Perforations		To			
2-3/8" 4.7# Type Completion (Describe)				1.995 142 Type Fluid Production			.•	Dump Hr	oit or Traveling	Diungar? Voe	/ No			
Single (	gas)		•			ter			Pump Unit or Traveling Plunger? Yes / YeS					
Producing t <b>ubin</b> g	Thru (	Annulus /	Tubing)		% C	Carbon Dioxid	de		% Nitrog	en	Gas Gr	avity - G <sub>g</sub>		
Vertical Depth(H)				Pressure Taps						(Meter I	Run) (Prover) (	Size		
Pressure	Buildun	: Shut in	1/31	2	0 12 at 1	2:00	(AM)(PM) 1	Taken		20	at	(AM) (P		
Well on L	•				12 3:30		(AM) (PM) Taken					at (AM) (l		
	<u>-</u>					ORSEDVE	D SURFACE	DATA			Duration of Shut-	<sub>in</sub> 27.5	Hours	
Static /	Orifice	ize Prover Pressur		Pressure	Flowing	Well Head	Casin	ng	Tubing			Liquid Produced (Barrels)		
Dynamic Property	Size (inches				Temperature t	Temperature t	Wellhead P (P <sub>w</sub> ) or (P <sub>t</sub> )			ad Pressure r (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration (Hours)			
Shut-In		psig	(Pm)	Inches H <sub>2</sub> 0	,		psig 74	psia	psig	psia				
Flow							, -					<del> </del>		
						FLOW STR	EAM ATTRIE	BUTES	<u> </u>					
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P <sub>m</sub> x h	Grav Fac F	tor 1	Flowing Femperature Factor F <sub>et</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow GO R (Cubic (Mcfd) Barr		Grav	id vity	
P <sub>c</sub> ) <sup>2</sup> =		.: <b>(</b>	P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FL	• •	ERABILITY)	CALCUL - 14.4) +		:	(P <sub>a</sub> ) (P <sub>d</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =		
(P <sub>c</sub> ) <sup>2</sup> · (F	P <sub>a</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	se formula 1 or 2:    P 2 - P 2   LOG of formula     P 2 - P 2   1. or 2.     and divide		Backpressu Slope or p 2 . p 2 Assig		n x l	LOG	Antilog	Open Flov Deliverabili Equals R x Ar (Mcfd)	verability R x Antilog	
			div	ided by: $P_c^2 - P_w^2$	2 by:		Standal	rd Slope				()		
0 5		•		N-E	05		0-1	155.						
Open Flo				Mcfd @ 14.			Deliverabil				//dcfd @ 14.65 ps			
	•		•	behalf of the I report is true			•			•	t and that he ha	as knowledge o		
		W	itness (If a	ny)			_			For Co	ompany		<del></del>	
			or Commiss	ion		<del></del>	_			Chaol	ked by			
		-	A COMMISS	10/1						Uneci	ren ni			

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 Noble Energy Inc.
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 43-32  gas well on the grounds that said well:
(Check one)  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 dally 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: _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.