KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

						CORPO						Form G-2 (Rev. 7/03)
ype Tes	t:		ONE	POINT ST		ED OPE See Instructi				ERABILITY	TEST	第
Open Flow Deliverabilty				Test Date:			API No. 15 15-023-20549 000				/*/	
ompany loble l		y Ir	nc.				Lease Zweyga	ardt			13-32	Well Number
County Cheyenne			Location NWSW		Section 32		TWP 3S		RNG (E/W) 41W			Acres Attributed RECEIV
Field Cherry Creek			Reservoir Niobrara			Gas Gathering Connection Southern Star/Kinder Morgan			DEC OF			
Completion Date 5/23/2004			Plug Bac 1595'	k Total Dept	h	Packer Set at				RECEIV DEC U.5 KCC WICH		
Casing Size ", 4-1/2"			Weight 20#, 1		Internal Diameter 9-7/8", 6-1/4"		Set at 290', 1638'		Perforations 1450'		To 1486'	WOC MICH
ubing Size Weight 4.7#				Internal Diameter 1.995		Set : 156		Perforations		То		
ype Completion (Describe) iingle (gas)					Type Fluid Production Saltwater			Pump Ur yes	nit or Traveling f		/ No	
roducing Thru (Annulus / Tubing) J bing				% (Carbon Dioxid	de		% Nitrogen		Gas Gra	avity - G _g	
 _	Depth(H)				Press	ure Taps				(Meter F	Run) (Prover) Size
essure	Buildu	o;	Shut in 9/14	1 2			(AM) (PM)	Taken		20 _	at	(AM) (PM)
ell on L	.ine:	;	Started 9/17	20	12 at 1	2:06	(AM) (PM)	Taken		20 _	at	(AM) (PM)
						OBSERVE	D SURFAC	E DATA			Ouration of Shut-	75.5 Hours
tatic / /namic operty	Orific Size (inche	e Prover Pressure		Pressure Differential re in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellbead Pressure		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
hut-In				-			94	рзіа	paig	μεια		
-low												
	ŀ		1			FLOW STR	EAM ATTR	RIBUTES				
Plate Coeffiecient (F _p) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Gran Fac F	tor T	Temperature		viation Metered Flow R F _{pv} (Mofd)		GOR (Cubic Fe Barrel)	1 Gravity I
					(ODEN EI	OW) (DELIVI	EDABILITY	() CALCIII	ATIONS			
,)² =		_ :	(P _w) ² =_	<u> </u>	P _d =			P _c - 14.4) +		<u> </u>		2 = 0.207 2 =
(P _c) ² - (P _a) ²		(P _c) ² - (P _w) ² 1		1. P _c ² - P _s ²	rmula 1 or 2: 2 - P 2 LOG of formula		Slo	Backpressure Curve Slope = "n"		LOG	Antilog	Open Flow Deliverability
or (P _c) ² - (P _d) ²	•		2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	1. or 2. and divide by:	P _c ² -P _w ²		ssigned dard Slope				Equals R x Antilog (Mcfd)
pen Flo				Mcfd @ 14.			Deliverat	· ·			lcfd @ 14.65 psi	
				behalf of the							and that he ha	s knowledge of
			Witness (if	any)			-			For Co	mpany	
			For Commi	ssion						Check	ed by	

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc.
and that the foreg correct to the best of equipment insta	oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records llation 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
_	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: _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.