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

Type Test	:			- ((See Insti	ructions on He	everse Side	∌)					
	en Flow liverabilty			Test Date	e:				l No. 15				
Company						Lease	· · · · · · · · · · · · · · · · · · ·	15-	-023-20947-0		M/all Mumb	nor.	
Noble Energy Inc.			Lease Zweygardt						33-33	Well Number 33-33			
County Location Cheyenne NW-SE			Section 33		TWP 3S			/W)	Acres Attributed				
Field Cherry Creek			Reservoi					thering Conne					
Completion Date			·-··	Niobrara Plug Back Total Depth			Southern Star/Kinder Morgan Packer Set at			DEC 2 0			
3/28/2008 Casing Size Weight			1486' Internal I	Diamotor	Sat	Set at		orations	То	KOC	100		
7", 4-1/2" 17#, 10.5#			9-7/8",			206', 1516'		4'	1352'	1352' NOU W			
Tubing Size Weight 2-3/8" 4.7#			Internal I 1.995	Diameter		Set at 1383'		orations	То				
Type Completion (Describe)				Type Fluid Production saltwater				nit or Traveling	Plunger? Yes / No				
Single (gas) Producing Thru (Annulus / Tubing)				% Carbon Dioxide			yes % Nitrogen Ga			as Gravity - G			
tubing								(Meter Run) (Prover) Size					
ertical D	ehա(⊔)				۲	ressure Taps				(Meter I	num) (Prov	er) Size	
Pressure	Buildup:	Shut in11/28	3 2	0_12_at_3	:28	(AM) (PM)	Taken		20	at	(AN	1) (PM)	
			12 at 4	:30	(AM) (PM)	f) (PM) Taken		20	at	(AN	(AM) (PM)		
					08666	VED SUBSAC	E DATA			D. valia of Ch. A	25		
Static /	Orifice	Circle one:	Pressure Flowing		Well Hea	ad Cas	Casing		Tubing	Duration of Shut-			
ynamic roperty	Size (inches)	Meter Prover Pressure	1	Temperature t	Temperat t	ure I	Pressure	1	ead Pressure or (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In		psig (Pm)	Inches H ₂ 0			psig 80	psia	psig	psia		ļ	—	
Flow				· · · · · · · · · · · · · · · · · · ·									
1		<u>.</u> ł	ı		FLOW S	TREAM ATTR	L RIBUTES						
Plate		Circle one: Meter or	Press Extension	Grav	· .	Flowing Temperature	Dev	viation Metered F		v GOR		Flowing Fluid	
Coefficient (F _b) (F _p) Mcfd		rover Pressure psia	✓ P _m xh	Fac F		Factor F ₁₁		ictor = pv	R (Mcfd)	(Cubic Fe- Barrel)	et/	Gravity G _m	
Incid		,				. 11						<u> </u>	
				(OPEN FL	OW) (DE	LIVERABILITY) CALCUL	ATIONS					
P _c) ² =		(P _w)² =	:	P _d =	, ,		P _c - 14.4) +		·······:	(P _a);	? = 0.207 ? =		
		oose formula 1 or 2: 1. $P_c^2 - P_s^2$	LOG of			Backpressure Curve Slope = "n"					Open Flow		
(P _c)2- (F) ₂		2. P _c ² -P _c ²			P2-P2 Assi				Antilog	Deliverability Equals R x Antilog (Mcfd)		
		div	ided by: P _c ² - P _w ²	by:	<u> </u>	Stand	lard Slope				(IVIC	,iuj	
lnes Fla		•	Name of the	°C:-		Deliveren	. 011			M-CL @ 44.05			
pen Flov		-1	Mcfd @ 14.			Deliverat		1 14		Mcfd @ 14.65 psi	······································		
		en authority, on i								rt and that he ha		-	
, 19019 SI	mea niet	anu mat SdiU	report is tide	anu conec	. Execu	teu tills lille <u></u>		uay UI		· · ·	, 20	*	
		Witness (if ar	ny)						For C	ompany			
		For Commiss	ion	 					Chan	iked by			

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc.
	the foregoing pressure information and statements contained on this application form are true and
	o the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
	reby request a one-year exemption from open flow testing for the Zweygardt 33-33
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 daily rate in excess of 250 mcf/D
	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as ı	necessary to corroborate this claim for exemption from testing.
Date: <u>1</u> 2	2/17/2012
	Signature: (X A/)
	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 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.