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

ype Test	•					f	See Instruc	tions on Hevi	erse Siae	9			
	en Flo liverab					Test Date):				No. 15 023-20854-0	0.00	
Company Noble E	,		nc.					Lease Zweygar	dt	15-	023-20854-0		Well Number
County Location					Section		TWP	TWP		W)	Acres Attributed		
······································			NENE	NENE			33 Reservoir		3S		hasina Canna	otion	RECEN
Field Cherry Creek				Niobrara				Gas Gathering Conn Southern Star/Kind					
Completion Date 1/25/2008					Plug Bac 1554'	k Total Dep	th	Pa		Set at		RECEIV DEC 05 KCC WICK	
asing Si ', 4-1/2			Weight 17#, 10.5#			Internal Diameter 9-7/8", 6-1/4"		Set at 241', 1596'		rations R'	то 1418'	KCC WICI	
Tubing Size			Weight			Internal Diameter		Set at		1378' Perforations		То	
2-3/8" 4.7					1.995			1430'					
Type Completion (Describe) Single (gas)				Type Fluid Production saltwater				Pump Unit or Traveling Plunger? Yes / yes			/ No		
_	Thru	(Anı	nulus / Tubi	ng)	,	% C	arbon Diox	ide		% Nitrog	jen	Gas Gra	avity - G _g
ubing /ertical Depth(H)					Pressure Taps					(Meter F	Run) (Prover) Size		
essure	Buildu		Shut in	14	20	12 at 1	:07	(AM) (PM)	Taken			at	(AM) (PM)
Well on Line:			Started 9/17 20		12 2.12		$\overline{}$	$\overline{}$				(AM) (PM)	
							OBSERVE	D SURFACE				Duration of Shut-	in 73 Hours
tatic / /namic	Orif Siz		Circle one: Meter		Pressure Differential	Flowing Temperature	Well Head Temperature	Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration (Hours)	Liquid Produced (Barrels)
I		thes) Prover Press			in Inches H _a 0	t	t	(P _w) or (P _t	(P _w) or (P _t) or (P _c)		r (P ₁) or (P _c)		
nut-In	I-în							78	рыа	psig	psia		
-low			,										
I			l				FLOW ST	REAM ATTRI	BUTES				
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension ✓ P _m x h	Extension Fact		Flowing Temperature Factor F _{t1}		iation ctor : pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m
\2 _			/D \2		:	· ·		/ERABILITY) % (P.	CALCUL - 14.4) +				² = 0.207 ² =
;) ² =		<u> </u>		Choos	se formula 1 or 2:	P _d =			sure Curve	1		(' d)	Open Flow
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$				2	1. P _c ² - P _a ² 2. P _c ² - P _d ded by: P _c ² - P _w ² LOG of formula 1. or 2. and divide by:		Slope :		e = "n" or igned	n x LOG		Antilog	Deliverability Equals R x Antilog (Mcfd)
oen Flo	<i>w</i>			<u> </u>	Mcfd @ 14.0	55 psia		Deliverabi	lity			Mcfd @ 14.65 psi	a
		iane	d authority				tatee that I			o maka ti	·········		•
		-	•					this the _30			•	t and that he ha	, 20 <u>12</u>
								_					
			Witness	(it any)	,						For Co	ompany	
			For Con	nmission	1						Check	red by	······

l de alone con de								
	r 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.							
	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							
• •	lation and/or upon type of completion or upon use being made of the gas well herein named. st a one-year exemption from open flow testing for the Zweygardt 41-33							
	ounds that said well:							
(Check	one)							
	is a coalbed methane producer							
	s 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							
\checkmark	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: 11/30/2012								
	Signature: Title: Regulatory Analyst							
	litle: Negulatory 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.