KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	orm G-2 (Rev. 7/03)
7/1	5/3

Type Test:					(See Instru	ctions on Re	verse Side	e)			7/15/13	
	en Flov iverab			Test Date:						API No. 15 15-023-20778 ~ 0000			
Company Noble E	pany le Energy Inc.				Lease Zweygardt				Well Number 14-32				
County Location Cheyenne SWSW			Section 32		TWP 3S	- •		/W)	,	Acres Attributed RECEIVE			
Field Cherry Creek				Reservoir Niobrara			Gas Gathering Connection Southern Star/Kinder Morgan			RECEIVED DEC 0 5 201 KCC WICHIT			
Completion Date 10/2/2007			Plug Bac 1518'	Plug Back Total Depth 1518'				Set at		KCC Man			
Casing Size Weight 7", 4-1/2" 17#, 9.5#			Internal [9-7/8",		Set 27 9	at 1', 1561'	Perfo 142	orations 'O'	To 1460'	WOC WICHIT			
Tubing Siz 2-3/8"	ubing Size Weight 4.7#			Internal I	Internal Diameter Set at 1.991 1502'			Perforations To					
Type Com Single (g		ı (De	escribe)		Type Flui saltwa	d Producti ter			Pump U yes	nit or Traveling	Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) tubing			% (% Carbon Dioxide			% Nitrogen Gas Gr			avity - G _g			
Vertical De	epth(H	l)				Pre	essure Taps				(Meter F	Run) (Prover) Size	
Pressure f	Buildu	p: :	1/2	4	12 at 1	2:30	(AM) (PM)) Taken		20	at	(AM) (PM)	
Well on Li	ne:	:	Started 1/2	5 2	12 at 2	:15				20	at	(AM) (PM)	
						OBSER\	/ED SURFAC	E DATA			Duration of Shut-	in_25.75 Hours	
Static / Dynamic Property	Orifi Size (inchi	Meter Differential		Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing ead Pressure or (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In			,	2			161	psia	psig	psia			
Flow													
	- 1			1	1	FLOW ST	TREAM ATTE	RIBUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia Press Extension P _m x h		Fac	Gravity T Factor T		Fa	riation actor = _{pv}	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G_m		
P _c)² =		_:	(P _w) ² =	·:	(OPEN FL		IVERABILITY _% (r) CALCUL P _e - 14.4) +		:		² = 0.207 ² =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_g^2$ divided by: $P_c^2 - P_g$	LOG of formula 1, or 2, and divide	LOG of formula 1. or 2. and divide p 2 _ p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow				Mcfd @ 14	.65 psia		Deliveral	bility			Mcfd @ 14.65 psi	a	
The u	ındersi	-	•		Company,		he is duly a	uthorized t		**	ort and that he ha		
			Witness ((if any)						For	Company		
			For Comr	nission						Che	cked by		

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 14-32 gas well on the grounds that said well:
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 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: 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.