KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

		ONE P		ABILIZ	ED OPE	PRATION N FLOW	OR I	DELIVI	ON ERABILIT	Y TEST	(Rev. 7/03)
ype Test: Open Fi Delivera				Test Date				API	No. 15 023-20501—	(mar)	18
ompany Ioble Enei	rav In	nc.				Lease Zweygard	dt		020 20001		Well Number
ounty Cheyenne	ounty Location		Section 32		TWP 3S		RNG (E/W) 41W			Acres Attributed	
ield		Reservoi				Gas Gathering Co			- NECEIVE		
Cherry Creek Completion Date		Niobrara Plug Back Total Depth			Southern Star/Kinder Morgan Packer Set at		er Morgan	DEC 05 2 KCC WICH			
9/2003 asing Size Weight		1524' Internal E		Set at			Perforations 1400'		KCC WICH		
, 4-1/2 ubing Size -3/8"			9-7/8", 6-1/4" Internal Diameter		307', 1566' Set at		Perforations		1436' To		
	rpe Completion (Describe)		1.995 Type Fluid Production Saltwater			Pump Unit or Traveling Plunger? Yes / No Yes					
roducing Thr		nulus / Tubing)			Carbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G _g
ubing ertical Depth	(H)				Pres	sure Taps			·	(Meter I	Run) (Prover) Size
ressure Build	dup: 3	Shut in	2	12 at 1	1:00	(AM) (PM) 1	 Taken		20 .	at	(AM) (PM)
Vell on Line:	;	Started 1/11	20	12 at 3	:00	(AM) (PM) 1	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in_28 Hours
ynamic S	(inches) Prover Pressure in		Differential	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P_w) or (P_1) or $\langle P_c \rangle$ psig psia		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In						86					
Flow											
	T	Circle one:			FLOW STR	EAM ATTRIE	BUTES				
Plate Coeffiecient (F _b) (F _p) Mcfd		Meter or Extension Prover Pressure psia Press Extension Press Press Extension		Gravity Factor F _g		Temperature		eviation Metered Flow Factor R F _{pv} (Mcfd)		GOR (Cubic Fe Barrel)	Gravity
				(OPEN EI	OW) (DELIV	ERABILITY)	CALCUI	ATIONS			
) _c) _s =	<u></u> :	(P _w) ² =	:	*		•		14.4 =	<u></u> :		² = 0.207 ² =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_q)^2$	(P	$ \begin{array}{c c} : & (P_w)^2 = \underline{\hspace{1cm}} : \\ \hline & (P_c)^2 - (P_w)^2 & \begin{array}{c} \text{Choose formula 1 or 2:} \\ 1. & P_c^2 - P_u^2 \\ 2. & P_c^2 - P_u^2 \\ \\ \text{divided by: } P_c^2 - P_w^2 \end{array} $		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" 		n v LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
											
			Mcfd @ 14.	65 psia		Deliverabil	ity		<u> </u>	Vlcfd @ 14.65 ps	ia
pen Flow		d outbority and			states that h			o make th		t and that he ha	
·	rsianer	J authorny, cre-		,					o,o .opo.		ugu vi
The unde	-	•		and correc	ct. Executed	this the 30		day of	lovember		, 20 12
The unde	-	•	I report is true	and correc	ct. Executed	this the 30		day of		ompany	, 20 12

	eclare 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.
	at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
of equip	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
The	ereby request a one-year exemption from open flow testing for the Zweygardt 24-32
	li 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
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissic
	necessary to corroborate this claim for exemption from testing.
Date: _	11/30/2012
	Signatura:
	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.