KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes					(See Instruct	tions on Rev	verse Side	e)				
_ :	en Flo eliverat				Test Date) :				No. 15 3-21133-00-(00		
Company Noble E		, Inc					Lease Zweyga	rdt			43-32E	Vell Number	
County Location Cheyenne SW-NE-NE-SE				Section 32		TWP 3S		RNG (E/W) 41W		Acres Attributed			
Field Cherry (Creek	Niol	orara Gas <i>A</i>	ırea	Reservoir Niobrara					hering Conn Morgan via	ection Lampe Compres	ssor	
Completion Date 11/7/2008				Plug Bac 1482'	Plug Back Total Depth 1482'			Packer S N/A	Set at				
Casing Size 7", 4-1/2"			Weigł 20#,		Internal Diameter 9-7/8", 6-1/4"		Set at 245', 1523'		Perforations 1356'		то 1396'		
Tubing Size N/A			Weigh	nt	Internal Diameter		Set at		Perforations		То		
Type Completion (Describe) Single (Gas)				Type Fluid Production Saltwater			Pump Ui	nit or Traveling	Plunger? Yes	inger? Yes / No			
Producing	-	(Ani	nulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gra	ıvity - G _g	
Vertical C		i)				Pres	sure Taps				(Meter F	lun) (Prover) Size	
Pressure	Buildu	p :	Shut in2/2	6/ 2	0 <u>09</u> at 8	:50	(PM)	Taken		20	at	(AM) (PM)	
Well on L	.ine:		Started 2/2	<u>7/</u> 2	0 <u>09</u> at <u>1</u>	:50	(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA	•		Duration of Shut-i	n 29 Hour	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	I Wallhaad Praceura		Tubing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$ psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		í		_			210		, , ,				
Flow											·····		
			Circle one:	I	<u> </u>	FLOW STR	Flowing	BUTES				Flavilag	
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Meter or over Pressure psia	Press Extension P _m x h	Gravity Factor F _g		Flowing Femperature Factor F _{ft}	ture Eactor		Metered Flov R (Mcfd)	v GOR (Cubic Fee Barrel)	oic Feet/ Fluid	
(5.)2			(D.)2		•		ERABILITY)					= 0.207	
(P _c) ² =		<u>-</u> :	(P _w) ² =	Choose formula 1 or 2	P _d =			<u>-</u> - 14.4) +		: 	(P _d) ²	=	
(P _c) ² - (I	1	(F	P _c) ² - (P _w) ²	1. $P_c^2 - P_g^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slop	ssure Curve e = "n" or signed ard Slope	l n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
											M (1 0 (1 0)		
Open Flo				Mcfd @ 14.			Deliverabi				Mcfd @ 14.65 psia		
				n behalf of the					<u></u>	ecember	rt and that he has	, 20 <u>09</u>	
			Witness (if any)	Kansa	RECEI S CORPORAT	VED ION COMMISS	SICI V	ly	/ JO	Company		
			For Comm	nission		DEC 0	4 2009 -			Che	cked by		

exempt status und and that the fore correct to the bes of equipment insta I hereby requ	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc. going pressure information and statements contained on this application form are true and the of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the Zweygardt 43-32B
gas well on the gr	ounds 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 eto supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
	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.