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

Type Test:	:			(-	See Insi	ructions on Heve	erse Side	?)				
	en Flow			Test Date	»:				No. 15			
Del	liverabilty								023-20978-0		.,	
Company Noble Er	, nergy Inc					Lease Rueb Fa	rm			23-16	Well Number	
County Location Cheyenne NE-SW			Section 16		TWP 3S			W)		Acres Attributed RECEIV		
Field Cherry Creek			Reservoir Niobrara				Gas Gathering Conr Kinder Morgan		ection	DEC 2 6		
Completion Date 4/21/2008				Plug Bac 1698'	k Total (Depth	Packer S		Set at		K00 14112	
Casing Size Weight 17#, 10.5#			Internal E 9-7/8",			Set at 320', 1741'		Perforations 1534'		NGC WICI		
Fubing Size Weight 4.7#			Internal I		Set at	Set at 1606'		Perforations				
Type Completion (Describe) Single (gas)				Type Flui				Pump Unit or Traveling Yes		Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing)				% Carbon Dioxide			% Nitrog	jen	Gas Gr	avity - G _g		
Tubing Vertical Depth(H)					Pressure Taps					(Meter	Run) (Prover) Size	
FDCCUFC	Buildon	Shut in 12/5	52	12 , 9	:30	(AM) (DM)	Taken		20	at	(AM) (PM)	
Pressure Buildup: Shut in						AM) (PM) Taken						
											24	
Circle one: Pressure					OBSERVED SURFACE DATA Well Head Casing			Duration Tubing		Duration of Shut-	or Shut-In Hours	
Static / lynamic Property	Orifice Size (inches)	Meter Prover Pressu psig (Pm)	Differential in Inches H ₂ 0	Flowing Temperature t	emperature Tempera	I Wellbead P		Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In						150	рыч	parg	pou			
Flow									:			
					FLOW	STREAM ATTRI	BUTES					
Plate Coeffiec (F _b) (F Mcfd	ient p) Pi	Circle one: Meter or Prover Pressure psia Press Extension P _m x h		Gravity Factor F _g		Flowing Temperature Factor F _{ft}	Fa	Deviation Metered Factor R F _{pv} (Mcf		w GOR (Cubic Fe Barrel)	Gravitu	
) ² =	:	$(P_w)^2 =$:	•	OW) (DE	ELIVERABILITY) % (P.		_ATIONS + 14.4 =	:		y ² = 0.207 y ² =	
(P _c) ² · (I	P _a) ² ((P _c) ² - (P _w) ² (P _c) ² - (P _w) ² 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²		LOG of formula 1. or 2.	LOG of formula 1. or 2. and divide P2_P2		Backpressure Curw Slope = "n" or Assigned Standard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mctd)	
Open Flo	301		Mcfd @ 14.	65 nsia		Deliverabi	lity			Mcfd @ 14.65 ps	ia	
·		ed authority o			states th			to make th	he above repo	ort and that he ha		
	-	-		-								
						_						
		Witness (i	if any)						Fort	Company		

	declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request of status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
and th correct of equ	at the foregoing pressure information and statements contained on this application form are true and it to the best of my knowledge and belief based upon available production summaries and lease records ipment installation and/or upon type of completion or upon use being made of the gas well herein named. Hereby request a one-year exemption from open flow testing for the Rueb Farm 23-16 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 urther agree to supply to the best of my ability any and all supporting documents deemed by Commission s necessary to corroborate this claim for exemption from testing.
	12/20/2012
	Signature: Title: 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.