## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					(	See Instru	ictions on Re	everse Side	<del>?</del> )					
	en Flov liverab					Test Date	e:				I No. 15	00.00			
Company Noble Energy Inc						Lease Rueb Farm				15-023-20773-00-00 42-16			Well Number		
County Location Cheyenne SENE				Section 16		TWP 3S			E/W)		Acres Attributed				
Field Cherry Creek					Reservoir Niobrara				Gas Gathering Conne Kinder Morgan		nection	RECEI			
Completion Date 5/17/2007					Plug Bac 1657'	k Total De	epth		Packer Set at			l	RECEIVE DEC 2 0 21		
Casing Size Weight ", 4-1/2" 17#, 9.5#				Internal ( 9-1/4",			Set at 301', 1724'		orations 20'	то 1554'					
Tubing Size Weight 2-3/8" 4.7#				Internal L 1.995	Diameter		Set at 1530'		orations	То		A ANTONI			
Type Completion (Describe) Single (gas)						Type Fluid Production Saltwater			Pump Unit or Traveling Plunger? Yes / No Yes						
Producing Thru (Annulus / Tubing)					% C	% Carbon Dioxide				% Nitrogen Gas G			Gravity - G <sub>g</sub>		
Tubing Vertical D	epth(H	l)			····		Pro	essure Taps				(Meter	Run) (P	rover) Size	
Pressure Well on Li		p:	Shut in 10	)/23  /24	20	12 at 4	:00	(AM) (PM)	Taken		20	at	(	(AM) (PM)	
							<del></del>						24		
Static / Dynamic	Orific Size	ze Prover Pres		Differential		Flowing Temperature	Well Head	d Ca Wellhead	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>2</sub> )		Tubing ead Pressure or (P <sub>1</sub> ) or (P <sub>C</sub> )	Duration of Shut-	Liquk	Liquid Produced (Barrels)	
Property	(inche	es)	psig (Pm		Inches H <sub>2</sub> 0	t	t .	psig	psia	psig psia			<u> </u>		
Shut-In Flow								100					igg		
Flow				j	l		FLOW S1	FREAM ATT	RIBUTES		•	<u> </u>			
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Circle one: Meter or Prover Pressure psia			Press Extension ✓ P <sub>m</sub> x h	Grav Fac	vity tor	Flowing Temperature Factor F <sub>f1</sub>	Dev Fa	Deviation Meter Factor F <sub>pv</sub> (N		w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
						(OBEN EL	OW/ (DE)	IVED A DILLIT	A) CALCUI	ATIONE					
P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> )²	=	:	,	OW) (DEE	IVERABILITY _% (	P <sub>c</sub> - 14.4) +		:		$r^2 = 0.2$ $r^2 = 0.2$		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose formula 1 or 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, and divide by:	P.2 - P.2	Sid	Backpressure Curv Slope = "n" or Assigned Standard Slope		roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flor					Mcfd @ 14.6			Deliveral				Mcfd @ 14.65 ps			
		-	•					he is duly a ed this the <u>1</u>				ort and that he ha			
	<del></del>		Witness	(if on:	u)			-			F	Company			
						·		-				Company			
		_	For Com	missio	on			·			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 Rueb Farm 42-16 gas 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  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.
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.