KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					(See Instruc	ctions on Rev	rerse Side)					
	en Flo eliverat				Test Date	e:			API 15	No. 15 20 -023-2077	3-00-00			
Company Noble		Эγ, І	Inc.				Lease Rueb F	arm			22-16	Well Number		
County Cheyer			Locati SE-N\		Section 16		TWP 3S		RNG (E.	W)		Acres Attributed		
Field Cherry Creek Niobrara gas area					Reservoi Niobra					hering Conn o Armel D		/ Bittercreek Pipeline		
Completion Date 5/16/2007				Plug Bac 1668'	k Total Dep	oth		Packer Set at n/a						
Casing Size 7", 4-1/2"			Weight 17#, 9.5#			Internal Diameter 9-7/8", 6-1/4"		Set at 309', 1723'		rations 15	то i34'	1570'		
Tubing Size Weight n/a				Internal	Internal Diameter Set at			Perfo	rations	То				
Type Completion (Describe) Single (Gas)					Type Fluid Production Saltwater			Pump Unit or Traveling Plunger? Yes / No No - Flowing						
•	-	(An	nulus / Tubing	g)	% (% Carbon Dioxide				% Nitrogen Gas Gravity - G				
Annulus						D	 -				(14-4	<u> </u>		
Vertical D	Buildu	p:	Shut in		20 08 at	8:00	\sim				at	Run) (Prover) Size		
Well on L	ine:		Started	1101	20 9 at_	18.00	(AM) PM	Taken		20	at	(AM) (PM)		
						OBSERVE	ED SURFACE	DATA			Duration of Shut-	in 292 Hours		
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Hear Temperature t		Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In							210		, pors	, ,,,,,				
Flow														
	1	-				FLOW STE	REAM ATTRI	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fact F _c	tor	Flowing Temperature Factor F _{ft}	emperature Factor Factor		Metered Flow R (Mcfd)	(Cubic Fe Barrel)	Gravity		
(P _o) ² =		,	(P _w) ² =		(OPEN FL		/ERABILITY) % (P_	CALCUL - 14.4) +			(P _a)	² = 0.207 ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		· (F)²- (P _w)²	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	P.2-P.2	Backpressure Curve Slope = "n"or Assigned Standard Slope		nxl	.og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flow Mcfd @ *			Mcfd @ 14	.65 psia		Deliverabil	Deliverability		Mcfd @ 14.65 psia					
		_	-				ne is duly aut	nd		Μ	rt and that he ha	~(
the facts si	tated th	nerei	n, and that sa	id report is tru		Ę	RECEIVE)	day of	mach	Rury			
			Witness (if	any)		"ANSASC O	rporation c	ONNISSIC	* YVV	For C	ompian	/V.		
			For Comm	ssion		MA	R U 6 201	19		Chec	ked by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to requexempt status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc.	est
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 a	ınd
correct to the best of my knowledge and belief based upon available production summaries and lease reco	rds
of equipment installation and/or upon type of completion or upon use being made of the gas well herein name	ed.
I hereby request a one-year exemption from open flow testing for the Rueb Farm 22-16	
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 Comm	issior
staff as necessary to corroborate this claim for exemption from testing.	
Date: 3/2/09	
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.