KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruc	tions on Rev	verse Side)			
Op	en Flov	1		T4 D-4				ADL	No. 15		
De	liverabi	ty		Test Date	∌:				vo. 15 23-20749-0	0-00	
Company Noble E		y, Inc.			-	Lease Rueb F	arm			14-15	Well Number
County Location Cheyenne SW-SW-SW			Section 15	TWP 3S	, ,			,	Acres Attributed		
Field	······	liobrara Gas	Area	Reservoi Niobrara					ering Conne eek via Arm		
Completic 1/22/200		!	-	Plug Bac 1692'	k Total Dep	th		Packer Se n/a	et at		
Casing Size 7", 4-1/2"		Weig 20#,	ght , 10.5#	Internal (9-7/8",		Set at 307', 1735'		Perforations 1516'		то 1552'	
Tubing Si	ize	Weig	ght	Internal (Diameter	Set a	ıt	Perfora	ations	То	
Type Completion (Describe) Single (Gas)				Type Fluid Production Saltwater					t or Traveling	Plunger? Yes	/ No
		Annulus / Tubi	ng)	% C	Carbon Diox	ide		% Nitroge	n	Gas Gra	avity - G _g
Annulus	-				Desc	T				/A4-4 F) \ (D) Ci
Vertical D	eptn(H)				Pres	ssure Taps				(Meter F	Run) (Prover) Size
Pressure	Buildup		5/2	0 10 at 1		(AM) (PM)	Taken		20	at	(AM) (PM)
Well on L	ine:	Started	6/2	0 10 at 1	:45	(AM)(PM)	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut-i	n_27 Hours
Static / Dynamic	Orific Size	Meter	Differential	Flowing Temperature	Well Head Temperature	Casi Wellhead	Pressure	1	bing d Pressure	Duration	Liquid Produced
Property	(inche	Prover Presi	1	t	1	(P _w) or (P	psia	(P _w) or (P _t) or (P _c) psia	(Hours)	(Barrels) ECEIVED DRATION COMMISSION
Shut-In						220					
Flow										APR	2 9 2010
			ı	T	FLOW STE	REAM ATTRI	BUTES	-		CONSER	VATION DIVISION
Plate Coeffieci		Circle one: Meter or	Press Extension	Grav	- 1	Flowing Temperature		ation	Metered Flow	1	CHITA, KSwing
(F _b) (F	_p)	Prover Pressure	✓ P _m x h	Fac	ior	Factor	Fa F	ctor	R (Mcfd)	(Cubic Fee Barrel)	Gravity
Mcfd		psia			<u></u>	F _{tt}	<u> </u>	-			G _m
				(ODEN EL	OW) (DELIN	(EDADILITY)	CALCU	ATIONS			
(P _c) ² =		: (P _w) ²		P _d =		'ERABILITY) % (P	ا و المادة ا المادة المادة		•	(P _a) ² (P _d) ²	= 0.207
(', ', '	T	· ('w/	Choose formula 1 or 2				sure Curve	17.7 -	 	(d)	
(P _c) ² - (F)²	(P _c) ² - (P _w) ²	1. P _c ² -P _a ²	LOG of formula		Slop	e = "n"	n x LC	og	Antilon	Open Flow Deliverability
(P _c) ² - (F	P _d) ²		2. P _c ² -P _d ²	1. or 2. and divide	P _c ² - P _w ²	Ass	or signed			Antilog	Equals R x Antilog (Mcfd)
			divided by: P _c ² - P _w ²	by:	<u> </u>	Standa	ard Slope				(MCIG)
Open Flov	<u>_</u>		Motel @ 14	es pois		Dolivorobi	114.			Antid @ 14 CE mair	
Open Flor	····		Mcfd @ 14.	oo psia		Deliverabi	нц			Acfd @ 14.65 psia	1
		•				•				t and that he has	ŭ
the facts st	ated the	erein, and that s	said report is true	and correc	t. Executed	this the 26	ith /	day of Ap	rii		, 20 _10
							()	ennan	L K	annett	
		Witness	(if any)			_	7		For Co	ompany	· · · · · · · · · · · · · · · · · · ·
		For Com	mission			-		<u>'</u>	Checi	red by	

I declare und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status und	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
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records
of equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby requ	est a one-year exemption from open flow testing for the Rueb Farm 14-15
as well on the gr	ounds that said well:
(Charl	
(Check	
	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 agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
_	y to corroborate this claim for exemption from testing.
Date: 4/26/2010	
Jale	
	Signature: Jumille Bamett Title: Regulatory Analyst
	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.