KANSAS CORPORATION COMMISSION

		On	ΕP	OINT S		ED O F	PEN	FLOW	or l	DE			Y TEST		RECEIV	Æ
Type Test					(See Instr	uctions	s on Reve	erse Side	e)					JUL 23	
Open Flow Deliverabilty			Test Date:					API No. 15 15-023-21068-00-00				JOE Z J	۷,			
Company	,			-,,		· - · · · · · · · · · · · · · · · · · ·	L	_ease			13-0	23-21000-0		Well	CC WIC	H
Noble É	nergy							Dunbar					31-	-13		
County Cheyer	nne		ation NE-N	IW-NE	Section 13			TWP 2S		RNG (E/W) 39W			Acre	s Attributed		
Field		obrara Ga	s Are	a	Reservoir Niobrara							ering Conn n Star via F	ection Record Com	pressor		_
Completic 11/11/20					Plug Bac 1367'	k Total D	epth			Pa	icker Se	et at				
	Casing Size Weight 7", 4-1/2" 17#, 10.5#			Internal Diameter 9-7/8", 6-1/4"			Set at 162', 1407'			Perfora 1222		To 12	то 1260'			
Tubing Si 2-3/8"				Internal Diameter 1.995"			Set at 1287'		Perforations			To				
Type Con Single (Describe)			Type Flui Saltwa		tion				mp Uni	t or Traveling		Yes / N		
Producing Tubing	g Thru (A	nnulus / Tu	oing)		% C	arbon Di	oxide			%	Nitroge	n	Ga	s Gravity	- G _g	
Vertical D	epth(H)					Pr	ressure	? Taps					(Me	eter Run)	(Prover) Size	Э
Pressure	Buildup:	Shut in	/22/	2	0_10_at_1	0:50	(AN	(PM)	Taken			20	at		(AM) (PM)	_
Well on L	ine:	Started	/23/	2	0 <u>10</u> at 1	2:45	(AN	M) (PM) 1	Taken			20	at		(AM) (PM)	
				.		OBSER	VED S	SURFACE	DATA	,			Duration of S	Shut-in2	26Hou	ırs
Static / Dynamic Property	Orifice Size (inches)	Circle o Mete Prover Pre	r essure		Flowing Temperature t	Well Head Temperature t	ure \	Casing Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Li	Liquid Produced (Barrels)		
Shut-In		psig (P	m)	Inches H ₂ 0			1	psig 32	psia	\dagger	psig	psia				
Flow										\top						_
				J	<u></u>	FLOW S	TREA	M ATTRIE	BUTES	!		1				
(E \ (E \) Proyer Pressure			Press Extension	Gravity Factor F _g		Fic Temp	lemperature F		viation Metered Flow actor R F _{pv} (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m			
																1
/D \2 _	1	(D	12		(OPEN FLO	, ,	LIVER/	•	CALCUL - 14.4) +					$(P_a)^2 = (P_d)^2 = $		
$(P_c)^2 = $	P _a) ²	(P _c) ² - (P _w) ²		1. P _c ² - P _d ² 2. P _c ² - P _d ²	P _d =	P _c ² - P _w ²	1	Backpress Slope		е	n x L(og	Antilog		Open Flow Deliverability Jals R x Antilo	og
			divi	ded by: $P_c^2 - P_w^2$! by:	w		Standa	rd Slope						(Mcfd)	\dashv
									. ,							
Open Flo	w			Mcfd @ 14.	65 psia			Deliverabil	ity				Mcfd @ 14.6	5 psia		_
				pehalf of the report is true							of Jul		ort and that h		owledge of , 20 10	
		Witne	ss (if ar	ny)			_		- Je	W	rufe	$\sim \bigcup_{ForG}$	Company	4		
		For C	ommissi	ion			-				ı	Che	cked by			_

	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.
	nat the foregoing pressure information and statements contained on this application form are true and
corre	et to the best of my knowledge and belief based upon available production summaries and lease records
of equ	ipment installation and/or upon type of completion or upon use being made of the gas well herein named.
11	nereby request a one-year exemption from open flow testing for the
gas w	ell 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
1.	urther agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff a	is necessary to corroborate this claim for exemption from testing.
	7/20/2010
Date:	
Date:	
Date:	
Date:	^
Date:	Signature Paragraph &
Date:	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.