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

Type Test	:				(	See instructi	ions on Hev	erse Siae	"					
	en Flov liverabi				Test Date	):				No. 15 81-20574-0	0-00			
Company Noble Er		Inc			•		Lease Bucholtz	!			11-06	Well Nu	nber	
			Locat NW-SI	ion E-NW-NW	Section 6		TWP 6S		RNG (E/W) 39W		Acres Attributed			
Field Goodlan	d Niot	orara	a Gas Area		Reservoir Niobrara				Gas Gath Prairie S	iering Conne Star	ction			
Completic 4/29/201		9			Plug Bac 1492	k Total Dept	h	·	Packer S	et at				
Casing Size Weight 7", 4-1/2" 17#, 11.6#					Internal D 9-7/8",		Set at 376,1533		Perforations 1317		т <sub>о</sub> 1350			
Tubing Size 2 3/8			Weig 4.7#	Weight 4.7#		Internal Diameter 1.995		Set at 1373		Perforations		To .		
Type Con Single (	-	ı (De	escribe)		Type Flui	Type Fluid Production Saltwater			Pump Un Yes	it or Traveling	Plunger? Yes	nger? Yes / No		
Producing Thru (Annulus / Tubing)			% C	% Carbon Dioxide			% Nitroge	en	Gas Gra	Gas Gravity - G <sub>g</sub>				
Tubing Vertical D	epth(H	l)				Press	sure Taps	-			(Meter F	Run) (Pr	over) Size	
Pressure	Buildu	p: :	Shut in	24 2	0 13 at 9	:30	(AM) (PM)	 Taken		20	at	(	 AM) (PM)	
Well on Line:		•	Started 10	25 2	20 13 at 9:30		(AM) (PM)	, - •				_ at (AM) (P		
						OBSERVE	D SURFACE	DATA			Duration of Shut-	<sub>in_</sub> 24	Hour	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Press psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	emperature Wellhead F		Wellhea (P <sub>w</sub> ) or	ubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)			
Shut-In			poig (i iii)	mones 11 <sub>2</sub> 0			psig 52	psia	psig	psia				
Flow													<u>-</u>	
	<del></del>					FLOW STR	EAM ATTRI	BUTES			i i		_	
Plate Coefficeient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or ver Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fac F	tor T	Flowing Femperature Factor F <sub>tt</sub>	rature Factor		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>	
<del>.</del>	<u>,</u>			<u> </u>										
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> :	<u></u> :	(OPEN FL	OW) (DELIV	•	CALCUL د - 14.4) +		:	(P <sub>a</sub> ) <sup>-</sup>	2 = 0.20 2 =	)7 	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> · P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> · P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> · P <sub>d</sub>	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> · P <sub>w</sub> <sup>2</sup>	Backpressu Slope =		l n x 1	.og [ ]	Antilog	Deli Equals	en Flow verability R x Antilog Mcfd)	
Open Flo	w		•	Mcfd @ 14	.65 psia		Deliverabi	ility		· !	Mcfd @ 14.65 psi	a		
		_	•	on behalf of the			-			•	rt and that he ha		<del>-</del>	
			Witness	(if any)		<del></del>	_	· · · · · · · · · · · · · · · · · · ·		ForC	ompany DEC	3 1 2	J13	
			For Com	nission						Chec	ked by RF	CFIV	ED	

and that the foreg	er penalty of perjury under the laws of the state of Kansas that I am authorized to request 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 tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named.
• •	est a one-year exemption from open flow testing for the Bucholtz 11-06
	ounds that said well:
_	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 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: _12/10/2016	Signature: Chery Johnson

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. **KEDINISHITA** signed and dated on the front side as though it was a verified report of annual test results.

DEC 3 1 2013