Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:	:				(See Instruct	ions on Re	verse Side))					
= .	en Flor iverab			,	Test Date) ;				No. 15 181-20576-0	00-00			
Company Noble En		Inc		•			Lease Bucholi	lz			41-6	Well Nu	mber	
County Sherman			Locat NW-NI	ion E-NE-NE	Section 6		TWP 6S		RNG (E/W) 39W		Acres Attributed		uttributed	
Field Prairie St	tar				Reservoir Niobrara				Gas Ga Prairie	thering Conn Star	ection			
Completio 5/11/201		е			Plug Bac	k Total Dept	h		Packer 5					
Casing Size 7", 4 1/2"			Weigi 17#	1t 11.6#	Internal Diameter 9 7/8", 6 1/4"		Set at 401', 1564'		Perforations 1334'		то 1364'			
Tubing Size 2 3/8"			Weigi 4.7#		Internal Diameter		Set at 1391		Perforations		То	То		
Type Com Single (-	n (De				d Production			Pump U yes	nit or Traveling	Plunger? Yes	/ No		
Producing		(Ann	ulus / Tubin	g)		arbon Dioxi	de		% Nitrog	jen	Gas Gr	avity - (3,	
Tubing Vertical D	epth(H	1)				Press	sure Taps				(Meter I	Run) (P	rover) Size	
Pressure	Boildu	n. S	hut in 10	/28 2	0 13 at 1	1:00	(PM)	Taken		20	at		(AM) (PM)	
	Well on Line:		tarted 10				1:00			20 at				
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in_24	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Press	I	Temperature Temperature		I Wallhaad Proceura		Tubing Wellhead Pressure ·(P _w) or (P ₁) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0		<u> </u>	psig 43	psia	psig	psia				
Flow									<u> </u>					
						FLOW STR	EAM ATT	RIBUTES						
Plate Coeffieci (F _b) (F Mcfd	ient ,)	_ 1	Circle one: Meter or ver Pressure psia	Press Extension P _m x h	Grav Fac F	tor 7	Flowing Temperature Factor F ₁₁	Fa	viation actor F _{pv}	Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
(P _c) ² =	[:	(P.)2:	=;	•	OW) (DELIV		<u> </u>		<u> </u>		² = 0.2 ² =		
(P _e) ² - (F	P_)2)²- (P _w)²	Choose formula 1 or 2 1. P _c ² - P _a ² 2. P _c ² - P _c ² divided by: P _c ² - P _w	LOG of formula 1. or 2. and divide		Backpro Sk	essure Curvi ope = "n" or ssigned dard Slope	e n x	roe	Antilog	Op Del Equals	pen Flow liverability s R x Antilog (Mcfd)	
Open Flov	w			Mcfd @ 14	65 psia		Delivera	bility			Mcfd @ 14.65 ps	ia		
		•	•	on behalf of the	, ,		•			•	ort and that he ha	1 ·	20 13	
			Witness	(if any)		 				For	Company		<u> MICHITA</u>	
•			For Com	mission						Che	cked by		3 1 2013 CEIVED	

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
and that the fore correct to the bes of equipment inst I hereby requ	poing pressure information and statements contained on this application form are true and of 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. Bucholtz 41-6 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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 12/16/13	Signature: Chery Johnson Title: Completions Supervisor

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.