KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	ctions on Reve	rse Side)					
= :	en Flo liverat				Test Date	9 :				No. 15)23-21203-0	0-00			
Company Noble Er		Inc			<u> </u>		Lease Berry				14-8	Well Number		
County Cheyenr	County Cheyenne		Location SE-NE-SW-SW		Section 8		TWP 2S			RNG (E/W) 38W		Acres Attributed		
Field Cherry C	Creek	Niol	orara Gas	Area	Reservoir Niobrara				Gas Gath Souther	nering Conne n Star	ction			
Completic 1/7/2009		te			Plug Bac 1443	k Total Dep	oth		Packer S	et at				
_	Casing Size 7", 4-1/2"		Weig 17#,	ht · 10.5#	Internal Diameter 9-7/8", 6-1/4"			Set at 256, 1483		Perforations 1296		то 1340		
Tubing Si			Weig			Internal Diameter		Set at		Perforations		То		
Type Con Single (•		escribe)		Type Flui Saltwa	d Productio	on		Pump Un Yes	it or Traveling	Plunger? Yes	/ No		
	g Thru		nulus / Tubii	ng)	% C	Carbon Diox	kide		% Nitrogo	en	Gas G	avity - G _g		
Vertical C		H)				Pre	ssure Taps				(Meter	Run) (Prover) Size		
Pressure	Buildu	ıp:	Shut in 11	/12	13 at 9	:00	(AM) (PM) 1	aken		20	at	(AM) (PM)		
Welt on L	ine:		Started 11	/13 🟒 2	13 at 1	1:00	_ (AM) (PM) 1	aken		20	at	(AM) (PM)		
						OBSERV	ED SURFACE	DATA			Duration of Shut	in 26 Hours		
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Press psig (Pm	Differential in	Flowing Well He Temperature Tempera		1 Wallhaad Praceiira		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In							166	рэга	parg	psia				
Flow														
		I		 		FLOW ST	REAM ATTRIE	UTES	1					
(F _b) (F	Plate Coeffiecient (F _b) (F _p) Mctd		Circle one: Meter or over Pressure psia	Press Extension Pmxh	Grav Fac F	Tomporaturo		Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	l Gravity		
				<u> </u>										
(P _c) ² =		:	(P _w) ²	=:	•	OW) (DELI	VERABILITY) _% (P _c		ATIONS 14.4 =	:	(P _a)	² = 0.207 ² =		
(P _c) ² - (l or (P _c) ² - (l	P _a) ²		P _c) ² - (P _w) ²	2. $P_c^2 - P_d^2$	LOG of formula 1. of 2. and divide	P _c ² - P _w ²		= "n" r gned	nxt	.og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
														
Open Flo		<u> </u>		Mcfd @ 14	.65 psia		Deliverabil	ty		<u> </u>	Mcfd @ 14.65 ps	 ia		
		•	•				•			•	rt and that he h	as knowledge of		
the facts s	stated (there	in, and that	said report is tru	e and correc	t. Execute	d this the 5		day of	есетрег	KC	, 20 <u>13</u> . C WICHITA		
			Witness	(if any)						For C		C 3 0 2013		
			For Con	nmission			_			Chec	ked by	RECEIVED		

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt	status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
and tha	t the foregoing pressure information and statements contained on this application form are true and
correct	to the best of my knowledge and belief based upon available production summaries and lease records
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
l he	reby request a one-year exemption from open flow testing for the Berry 14-8
gas wel	i 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
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as	necessary to corroborate this claim for exemption from testing.
Data: 1	2/5/2013
Date	
	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 signed and dated on the front side as though it was a verified report of annual test results.

DEC 3 0 2013