1

## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	::				6	See Instruct	ions on Rev	verse Side	)				
Op	en Flo	w			T 0								
De	liverab	ilty			Test Date	<b>)</b> :				No. 15 023-21008-00	0-00		
Company Noble Energy Inc					Lease Workman							Well Number	
County Cheyenne		Location NE-NW-SE-SE			Section 31		TWP 3S			RNG (E/W) 41W		Acres Attributed	
Field Cherry C	Creek			Reservoir Niobrara			Gas Gathering Southern St			nnection nder Morgan		1,	
Completion 6/3/2008		8			Plug Bac 1607'	k Total Depi	th		Packer S	et at			<del></del>
Casing S 7, 4-1/2"			Weigh 17#,	Internal ( 9-7/8",			Set at 302', 1616'		Perforations 1452'		To 1490'		
Tubing Si 2-3/8"			Weight 4.7#		Internal Diameter 1.991		Set at 1506'		Perforations		То		····
Type Con Single (		n (Di	escribe)		Type Flui Saltwa	d Production ter	n		Pump Un Yes	it or Traveling	Plunger? Yes	/ No	•
Producing Tubing	g Thru	(Ana	rulus / Tubing	3)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G	a
Vertical D	epth(F	1)				Pres	sure Taps				(Meter I	Run) (Pr	over) Size
Pressure	Buildu	p:	Shut in 3/1	6 2	0 11 at 1	:10	(AM) (PM)	Taken		20 .	at	(	AM) (PM)
Well on L	ine:		Started 3/1	7 2	0 11 at 1	:10	(AM) (PM)	Taken		20	at	(	AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in_24	Hours
Static / Dynamic Property	Orifi Siz (Inch	0	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H,0	Flowing Temperature t	Well Head Temperature	Cas Wellhead (P_) or (P	Pressure	Wellhe	Tubing ad Pressure r (P <sub>1</sub> ) or (P <sub>e</sub> )	Duration (Hours)		1 Produced Barrels)
Shut-in							110	psia	Daig	рыа			
Flow									<u> </u>				
			Circle one:	i	_ <del></del>	FLOW STA	REAM ATTH	IBUTES					1
(F <sub>s</sub> ) (F	Coeffictient (F <sub>s</sub> ) (F <sub>p</sub> ) Mcfd		Meter or wer Pressure psia	Press Extension P_x n	Grav Fac F	tor	Flowing Temperature Factor F <sub>r</sub> ,	j F	viation actor F <sub>p</sub> ,	Metered Flow R (McId)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G_
(D.)2			<b>(5.13</b>				ERABILITY	-				) <sup>2</sup> = 0.2	
(P <sub>c</sub> ) <sup>2</sup> =	i	·	(P <sub>4</sub> ) <sup>2</sup> =	Choose formula 1 or 2	P,=		T	P <sub>e</sub> - 14.4) -		<del></del> -	(P <sub>d</sub>	<sup>2</sup> =	
(P <sub>q</sub> ) <sup>2</sup> · ( or (P <sub>q</sub> ) <sup>2</sup> · (	- 1	(1)	P_)2 - (P_)2	1, P <sub>1</sub> <sup>2</sup> -P <sub>2</sub> <sup>2</sup> 2, P <sub>2</sub> <sup>2</sup> -P <sub>3</sub> <sup>2</sup> dwided by: P <sub>1</sub> <sup>2</sup> -P <sub>3</sub>	LOG of formula 1, or 2, and divide by:	P,2.P,2	Slo	issure Curv pe = 'n" - or isigned lard Slope	n x	LOG	Antilog	Del Equals	pen Flow iverability i R × Antilog (Mcfd)
								•					
L					<u> </u>		<u> </u>		l			<u>L_</u>	
Open Flo	w			Mcfd @ 14.	65 psia	<del></del>	Deliverat	oility			Mcfd @ 14.65 ps	ia	
				n behalf of the aid report is true						he above repo December	rt and that he h		rledge of
		•	<del>-</del>	,				10/		01			- <del>-</del>
			Witness (	il any)		RECEIV	,		enj	For C	Company		
			For Comm	rission	•	IAN_1.7	2012		V	Chec	exed by		

KCC WICHITA

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
	at the foregoing pressure information and statements contained on this application form are true and
	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.
	ereby request a one-year exemption from open flow testing for the Workman 44-31B
gas we	II 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 Commissio
staff as	necessary to corroborate this claim for exemption from testing.
Date: _	12/28/2011
_	
	Signature Clarifold And ran
	Signature: Keyl Johnson
	Title: Regulatory Analyst II

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.

RECEIVED

JAN 1 7 2012

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