RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Re	verse Side	?)					
Open Flow Deliverability			Test Date:					No. 15	0.00					
Company Noble E	/					• ;	Lease		15-0)23-21192-0	13-8	Well Nu	ımber	
County	nergy	IIIC	Location	n	Section		Berry		RNG (E/		13-0	Δετρε	Attributed	
Cheyenne SE-SE-NW-							2\$		38W		Acres /	Allibatea		
Field Cherry Creek				Reservoir Niobrara				Gas Gathering Connection Big Timber						
Completion Date			 			Back Total Depth			Packer S					
1/7/2009)				1467									
Casing Size 7", 4-1/2"			Weight 17#, 1	1.6#	Internal Diameter 9-7/8", 6-1/4"		Set at 255, 1507		Perforations 1332		то 1364			
Tubing Size			Weight 4.7#		Internal Diameter 1.995		Set at		Perforations		То	·		
Z-3/8"		n (D				id Production	1380		Puma Ha	it or Travalina	Plungar? Vos	/ No		
Type Completion (Single (gas)		יט) וו	escribe)		Type Fluid Production Saltwater				Pump Unit or Traveling Plunger? Yes / No Yes					
Producing Thru (A		(Ani	nulus / Tubing		% Carbon Dioxide				% Nitroge	Gas G	Gas Gravity - G			
Tubing Vertical E)ooth(h					Prop	sure Taps				/Motor	Dun) (D	rouge) Cina	
vertical L	sebui(r	ער				Pres	sure raps				(Meter	Run) (P	rover) Size	
Pressure	Buildu	ıp:	Shut in11/5		0 13 at 9	:15	(AM) (PM)	Taken		20	at		(AM) (PM)	
Well on L	ine:	•	Started 11/6		0 13 at 9	:15 .					at			
	············											24		
	ı		Circle one:	Brancius	ļ	OBSERVE	D SURFAC		T		Duration of Shut	-in_24	Hours	
Static / Dynamic	Orifi Siz		Meter	Pressure Differential	Flowing Temperature	Well Head Temperature	P headllaW I		Wellhea	ubing ad Pressure	Duration	Liquid Produced		
Property (inche			Prover Pressur psig (Pm)	in Inches H ₂ 0	t t		(P _w) or (P _t) or (P _c)		(P _w) or (P _t) or (P _c)		(Hours)	((Barrels)	
Shut-In	-In			, , , ,			92	psia	psig	рыв				
Flow														
<u> </u>	L	•••	I		<u> </u>	FLOW STR	EAM ATTR	IBUTES	<u>'</u>	. t <u></u> .				
Plate	,		Circle one:	Press	Grav	vity	Flowing	Dox	viation	Metered Flow	GOR		Flowing	
Coeffiecient (F _b) (F _p)		Pro	Meter or over Pressure	Extension	Fac	tor	Temperature Factor	Fa	actor	R	(Cubic F		Fluid Gravity	
Molo	Mcfd Mcfd		psia	✓ P _m xh	F,	•	F ₁ ,		F _{pv} (Mcfd)		Barrel	G _m		
					(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	ATIONS		(P _a) ² = 0.2	207	
$(P_c)^2 =$		_:	(P _w) ² =_				% (i	P _c - 14.4) +	- 14.4 =	 :	(P _d)² =		
(P)2-(I	P)2	(F	P _c) ² - (P _w) ²	1. P _c - P _a	LOG of			ssure Curve		r 7		0	pen Flow	
(P _c) ² - (I or (P _c) ² - (I			C, (W)	2. P _c ² -P _d ²	formula 1. or 2.			рө = "n" - or	- nxi	.og ao.	Antilog		liverability s R x Antilog	
(P _c)*- (I	P _a) ²		d	vided by: $P_c^2 - P_w$	and divide by:	P.2 - P.2		signed lard Siope		LJ			(Mcfd)	
Open Flow		Mcfd @ 14.65 psia					Deliverat	oility	Mcfd @ 14.65 psia					
The	unders	igne	d authority, on	behalf of the	Company.	states that h	ie is dulv ai	uthorized t	to make th	e above repor	t and that he h	as know	/ledge of	
		•	in, and that sai				•			•			20 13	
				-					- -	-2			WICHI1	
····			Witness (if	any)			-			For C	ompany			
			For Commis	sion			-			Chec	ked by	DEC	3 0 201 3	

l de	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
	tt he 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
of equip	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
l he	ereby request a one-year exemption from open flow testing for the Berry 13-8
	li 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 fale in excess of 250 mc/D
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissic
staff as	necessary to corroborate this claim for exemption from testing.
Date: 1	12/5/2013
	Signature: Cheryl 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 WILLIAM Signed and dated on the front side as though it was a verified report of annual test results.

DEC 30 2013

RECEIVED