KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	tions on Reve	erse Side)			
= :	en Flo diverat				Test Date	9 :				No. 15 023-21077-0	00-00	
Company Noble E		Inc					Lease Jones					Well Number
County Cheyenne		Location NE-SW-NW-SW		Section 13		TWP 2S		RNG (E/W) 39W		Acres Attributed		
Field Cherry (Creek				Reservoir Niobrara					hering Conne rn Star	ection	·
Completion 11/10/20		le	•		Plug Bac 1387'	k Total Dept	th		Packer S	Set at		
Casing Size 7", 4-1/2"			Weigh 17#, 1	Internal Diameter 9-7/8", 6-1/4"		Set at 207', 1430'		Perforations 1225'		то 1264'		
Tubing Size 2-3/8"			Weight 4.7 #		Internal Diameter 1.995		Set at 1286'		Perforations		То	
Type Cor Single (n (D	escribe)		Type Flui Saltwa	d Production ter	າ		Pump Ui yes	nit or Traveling	Plunger? Yes	/ No
Producing Tubing	g Thru	(Anı	nulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	jen	Gas Gr	avity - G _g
Vertical E	Pepth(l	1)				Pres	sure Taps	<u>-</u>			(Meter i	Run) (Prover) Size
Pressure	Buildu	•	Shut in 2/2		0_11 at 9		(PM) 1	aken		20	at	(AM) (PM)
Well on L	ine:		Started 2/22	2	0 11 at 1	0:15	(PM) 1	aken		20	at	(AM) (PM)
			T - C'		1	OBSERVE	D SURFACE		1		Duration of Shut-	in 24.5 Hours
Static / Dynamic Property	Orif Siz (inch	:0	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P _t) psig	ressure	Wellhe	Tubing ead Pressure r (P _t) or (P _a) psia	Ouration (Hours)	Liquid Produced (Barrels)
Shut-In							170					
Flow												<u> </u>
					<u> </u>	FLOW STR	EAM ATTRIE	UTES				
Plate Coeffiec (F _b) (F Mcfd	ient _)	Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Grav Fact F	tor T	Flowing Femperature Factor F ₁₁	Fa	iation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G
(P _c) ² =		_ :	(P _w) ² =	;	(OPEN FLO		ERABILITY) (P _c	- 14,4) +		:	(P _a) (P _d)	² = 0.207 ² =
(P _o) ² - (I or (P _o) ² - (I	_	(F	P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_a^2 \cdot P_a^2$ 2. $P_c^2 \cdot P_d^2$ Wided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	b.5- b.5	Backpress Slope 	= "n" r gned	n x l	LOG	Antilog	Open Flow Deliverability Equals R × Antilog (Mcfd)
Open Flo	l w			Mcfd @ 14.	65 psia		Deliverabili	ty			Mcfd @ 14.65 psi	a
The (unders	igned	d authority, or	behalf of the	Company, s	tates that h	e is duly auth	norized to	o make th	e above repo	rt and that he ha	s knowledge of
the facts s	tated t	herei	n, and that sa	id report is true	and correc	t. Executed	this the 18		day of N	ovember		, 20 <u>11</u> .
			Witness (if	any)			_(K	ery	/ HOK	MOUNT ompany	RECEIVED
			For Comm	ssion			_		<i>U</i>	Chec	ked by	DEC 13 2011

	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc					
and that 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					
	nent installation and/or upon type of completion or upon use being made of the gas well herein named. by request a one-year exemption from open flow testing for the					
	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						
I furth	ner agree to supply to the best of my ability any and all supporting documents deemed by Commissio					
	ecessary to corroborate this claim for exemption from testing.					
Date: 11/	/18/2011					
	Signature: Cheryl Solven					

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

DEC 1 3 2011