KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

ype Test:					(·	See Instru	ctions on Rev	rerse Side))				
Оре	en Flow	1			Test Date	ı:			API	No. 15			
Deli	iverabil	ty								023-21292-00	-00		
Company Noble Energy Inc					Lease Nipps					24-33	Vell Number		
County Location Cheyenne SE-NE-SE-SW				Section 33		TWP 5S			RNG (E/W) 39W		Acres Attributed		
Field Prairie Star					Reservoir Niobrara				Gas Gathering Connection Kinder Morgan		tion	RECEIVE	
Completion Date 5/9/11				Plug Bac 1495'	k Total De	pth	Packer S		Set at		DEC 05 2		
Casing Size ", 4-1/2"			Weight 17#, 1		Internal Diameter 9-7/8", 6-1/4"			Set at 388',1565'		Perforations 1332'		RECEIVE DEC 0 5 2 KCC WICH	
ubing Size 2-3/8"			Weight 4.7#	Internal I 1.995	Internal Diameter 1.995		Set at		Perforations		,,,o,,		
						Type Fluid Production Saltwater			Pump Ur Yes	nit or Traveling F	lunger? Yes	er? Yes / No	
Producing Thru (Annulus / Tubing) Tubing					% C	% Carbon Dioxide			% Nitrog	jen	Gas Gra	Gas Gravity - G _g	
Vertical Depth(H)						Pressure Taps					(Meter F	Run) (Prover) Size	
ressure	Buildup	o: :	8/27	72	0_12_at_9	:00	(PM)	Taken		20	at	(AM) (PM)	
lell on Li	ine:	;	Started 8/28	32	0at9	:00	(AM) (PM)	Taken		20 _	at	(AM) (PM)	
						OBSERV	ED SURFAC	E DATA			uration of Shut-i	n_24 Hours	
Static / ynamic roperty	namic Size		Circle one: Meter Prover Pressu	1	Flowing Temperature t	Well Head Temperatur	Wellhead	Casing Wellhead Pressure (P_w) or (P_l) or (P_c)		Tubing ead Pressure r (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		,	psig (Pm)	Inches H ₂ 0			psig 52	psia	psig	psia			
Flow													
						FLOW ST	REAM ATTR	IBUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Gra Fac F	tor	Flowing Temperature Factor F ₁₁	Fa	viation actor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G_n	
····													
'c)² =		_:	(P _w) ² =	:	(OPEN FL		IVERABILITY _% (F	') CALCUI P _e - 14.4) +		:		² = 0.207	
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	LOG of formula 1, or 2. and divide		Backpressure Stope = * or Assigne Standard S		n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
									 				
non Fle				Motel @ 11	65 psic		Deliverat	sility			lcfd @ 14.65 psi	a	
pen Flor		ac-	d authority	Mcfd @ 14		etatos the		-	to make *		and that he ha		
		-	•	n benair or the aid report is tru			-			November	and that he lid	, 20 <u>12</u> .	
												·	
			Witness (i	f any)						For Co	mpany		
			For Comm	ission			. <u>-</u>			Check	ed by		

exempt st	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
correct to of equipm	he foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records ent 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 Nipps 24-33
gas well o	n the grounds 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 ser agree to supply to the best of my ability any and all supporting documents deemed by Commission excessary to corroborate this claim for exemption from testing.
Date: 11/	30/2012
	Signature: Title: Regulatory Analyst

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.