KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					(See Instruc	ctions on Rev	erse Side)					
Open Flow				Test Date: API No. 15											
Del	liverabi	ilty				1001 Date					023-21275-0	0-00			
Company Noble Energy Inc					Lease Rogers			3			Well Number 32-32B				
County Location			Section		TWP			RNG (E/W)		Acres Attributed					
Cheyenne N2-NW-SW-NE			32		58	5S 39W			RECEIVE						
Field Prairie Start					Reservoir Niobrara	a		Gas Gathering Conn Kinder Morgan		ection		DEC 0 5 20			
Completion Date 6/1/2011				Plug Bac 1494'	k Total Dep	oth	Packer Set at		Set at			CC WICHI			
Casing Size 7", 4-1/2"			Weight 17#, 11.6#			Internal [9-7/8",			Set at 388',1537'		rations 6'	то 1 37 4'	1374' NOC WIC		
Tubing Size Weight				Internal (Diameter	Set a	Set at Pe		rations	То					
Type Com Single (•	ı (De	scribe)	· · · · · · · · · · · · · · · · · · ·		Type Flui Saltwa	d Productio	on		Pump U	nit or Traveling	Plunger? Yes	/ No		
•	2	(Ann	ulus / Tubi	ng)		% C	arbon Diox	ride		% Nitrog	jen	Gas Gr	avity - (G,	
Annulus Vertical D		i)					Pre	ssure Taps	···········			(Meter I	Run) (P	rover) Size	
			01	20		40 7	.16								
Pressure	Buildu		oriut iri	29		0_12_at_7		_ (AM) (PM)	Taken		20	at		(AM) (PM)	
Well on Li	ine:	5	Started 8/	30	2	12 at 9	:15	(PM)	Taken		20	at	((AM) (PM)	
							OBSERV	ED SURFACE	DATA			Duration of Shut-	_{in} 26	Hours	
Static / Orifi Dynamic Siz Property (inch		ze hes) Prover Pressu		Pressure Differential		Flowing	Well Head		Casing Wellhead Pressure		Tubing	Duration	Liqui	Liquid Produced (Barrels)	
					in	Temperature t	Temperature t	(P _w) or (P _I) or (P _c)		Wellhead Pressure (P _w) or (P ₁) or (P _c)		(Hours)			
Shut-in			psig (Pm)		Inches H ₂ 0		<u> </u>	psig 137	psia	psig	psia				
Flow								101					 		
		4					FLOW ST	REAM ATTRI	BUTES				<u> </u>		
Plate			Circle one:	Т	Press		.	Flowing						Flowing	
Coeffiecient			Meter or		Extension	j racioi j		Temperature Fr		viation Metered Flow actor R		GOR (Cubic Feet/		Fluid	
(F _b) (F _p) P		Pro	Prover Pressure psia		✓ P _m xh	F,		Factor		F _{pv} (Mcfd)		Barrel)		Gravity G _m	
Wicid				+											
						(OPEN FL	OW) (DELI'	VERABILITY)	CALCUL	ATIONS		(9.)	o ² = 0.2	207	
P _c) ² =		_:	(P _w) ²	=	:	P _d =		% (P	- 14.4) +	14.4 =	:	(P _d)			
					ose formula 1 or 2		<u> </u>	Backpres	sure Curve	,	г٦Ι		I	pen Flow	
(P _c) ² - (P _a) ²		(P _c) ² - (P _w) ²		1	1. P _c ² -P _a ²	LOG of formula	LOG of formula		Slope = "n"		LOG	Antilog		liverability	
(P _c) ² - (P _d) ²					2. P _c ² -P _d ²	1. or 2. and divide	1. or 2. and divide p2_p2		Assigned			Antilog	1 .	Equals R x Antilog (Mcfd)	
				divk	ded by: P _c ² - P _w	by:	L° "	Standa	ard Slope	_				(Micia)	
													ļ		
				<u> </u>											
Open Flow Mcfd @ 14.65 psia						Deliverability M				/lcfd @ 14.65 psia					
The u	ındersi	igned	authority,	on b	ehalf of the	Company,	states that	he is duly au	thorized t	o make tl	ne above repo	rt and that he ha	as know	vledge of	
he facts s	tated th	herei	n, and that	said	report is true	and correc	t. Execute	d this the 30)	day of _N	lovember			20 12 .	
			Witness	(if an	y)			_			For C	Company			
			For Con	nmissi	on						Chec	ked by			

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
and that the foreg	going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Rogers 32-32B
	ounds 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 Nois not capable of producing at a daily rate in excess of 250 mcf/D
_	e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: _11/30/2012	2
	Signature:

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.