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

Type Test	:		·			(	See Instru	ctic	ons on Reve	rse Side	e)			·.·· ·		
	en Flo liverab					Test Date	<b>»</b> :					No. 15 02 <b>3-21282 -</b>	0000			• •
Company Noble Er		, Inc				-			Lease Nipps				***************************************	13-33	Vell Nu	ımber
County Cheyenr	ne		Locat			Section 33			TWP 5S	*	RNG (E/	W) .	***	A	Acres A	Attributed
Field Prairie S	tar		······································	***************************************		Reservoir Niobrara						hering Conne Morgan	ection	,		
Completic 4/21/201		e			,	Plug Bac	k Total De	pth			Packer S	Set at				
Casing Si 7", 4+1/2	ize	٠.,	Weigh 17#,		 6#	Internal E 9+7/8",		-	Set at 416,	1538	Perfo 133	rations		To 1361		······································
Tubing Si 2+3/8"			Weigh 4.7#			Internal D			Set at			rations	***************************************	То		
Type Con Single (		n (De	escribe)				d Producti ter	on			Pump Ur	nit or Traveling	Plunge	r? Yes	/ No	
Producing tubing	Thru	(Anr	nulus / Tubin	g)		% C	arbon Dio	xid	е		% Nitrog	en		Gas Gra	avity - (	3 <sub>g</sub>
Vertical D	epth(F	<del>1</del> )					Pre	essu	ure Taps					(Meter F	Run) (P	rover) Size
Pressure	Buildu	p: :	Shut in _8/2	28	2	0_12 at_8	:15	(	<u>АМ)</u> (РМ) Т	aken		20	at.			(AM) (PM)
Well on L			Started 8/2	9		12 at 8		`	_			20		,		
			•				OBSERV	ÆD	SURFACE	DATA			Duratio	n of Shut-i	<sub>n</sub> _25	Hours
Static / Dynamic Property	Orifi Siz (inch	e	Circle one: Meter Prover Press psig (Pm)	ure [	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperatur		Casing Wellhead Pr (P <sub>w</sub> ) or (P <sub>t</sub> ) psig	essure	Wellhe	Tubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> ) psia		ation ours)	Liqui	d Produced Bagels)  CEIVE
Shut-in									47	, po	1 70.9	75.00			14	AL CEIL
Flow														KC		1000
	I			· .		1	FLOW ST	RE	AM ATTRIB	UTES	· · · · · · · · · · · · · · · · · · ·		-1-		Ch,	, <i>\0]</i>
Plate Coeffieci (F <sub>b</sub> ) (F Mcfd	ient ,,)	Pro	Circle one: Meter or ver Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Grav Faci F <sub>s</sub>	tor		Flowing Imperature Factor F <sub>f1</sub>	Fa	viation actor F <sub>pv</sub>	Metered Flow R (Mcfd)	,	GOR (Cubic Fee Barrel)		Fluid Gravity G <sub>m</sub>
	•			<u></u>												
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =	=	· : .	(OPEN FL	, ,	IVE _%	(P <sub>c</sub>		_ATIONS - 14.4 =	<del></del> :		(P <sub>a</sub> )² (P <sub>d</sub> )²	= 0.2	207
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F	a'	(F	) <sub>c</sub> )²- (P <sub>w</sub> )²	1. 2.	te formula 1 or 2: $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ $d by: P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>			= "n" 'r gned	l n x	LOG [	An	tilog ·	Del Equals	oen Flow iverability s R x Antilog (Mcfd)
						1 .			* :				,			
						•	•							"		
Open Flo				··	Mcfd @ 14.				Deliverabili	•			-	14.65 psi		
			l authority, o									e above repo anuary	rt and t	nat he ha		ledge of 20 12 .
								. •				,			,	•
			Witness (	(if any)					,	· · · · · · · · · · · · · · · · · · ·		For C	ompany			
			For Comm	mission								Chec	ked by			

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	ះត្រង់ ider penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status ur	nder Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc.
and that the fore	egoing pressure information and statements contained on this application form are true and
correct to the be	est of my knowledge and belief based upon available production summaries and lease records
	stallation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby req	uest a one-year exemption from open flow testing for the Nipps 13-33
gas well on the	grounds that said well:
(Ched	ck 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
<b>✓</b>	is not capable of producing at a daily rate in excess of 250 mcf/D
I further agr	ree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessa	ary to corroborate this claim for exemption from testing.
Date: 1-8-13	
<u> </u>	
•	
	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.