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

Type Test	t:			(	See Instructi	ions on Reve	rse Side	)				
	en Flow			Test Date				A D L	No. 15			
De	eliverabilty	1		iesi Dale					90. 15 23-21224-0	0-00		
Company Noble E		c				Lease Wiese	•			13-5	Vell Number	
County Cheyenne		Location NE-SE-NW-SW		Section 5		TWP 4S			V)	Acres Attributed		
Field Cherry C	Creek			Reservoir Niobrara					ering Conne n Star/Kinde			
Complete 9/17/201				Plug Bac 1588'	k Total Dept	h		Packer S	et at	<del></del>		
Casing Size 7", 4-1/2"		Weight 23#, 11.6#		Internal Diameter 9-7/8", 6-1/4"		Set at 221, 1632'		Perforations 1414'		то 1462'		
Tubing Size 2-3/8"		Weight 4.7#			Internal Diameter 1.995		Set at		ations	То		
Type Con Single (		Describe)	be) Type Fluid Production Pump Unit or Traveling Plunger? Yes / No Saltwater Yes		No							
Producing Tubing	g Thru (A	innulus / Tubing	)	% C	arbon Dioxid	de		% Nitroge	en	Gas Gra	ivity - G <sub>g</sub>	
Vertical D	Depth(H)				Press	sure Taps			·	(Meter R	lun) (Prover) Size	
Pressure	Buildup:	Shut in <u>6/27</u>	, 2	0 11 at 1		(AM) (PM) 1	aken		20	at	(AM) (PM)	
Well on L	_ine:	Slarted 6/28	21	o <u>11</u> at <u>1</u>	2:00	(AM) (PM) 1	aken		20	at	(AM) (PM)	
					OBSERVE	D SURFACE	DATA	_		Duration of Shut-i	n 24 Hours	
Static / Dynamic Property	Orifice Size (Inches	Circle one:  Meter  Prover Pressur  psig (Pm)		Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P,,) or (P,)	ressure	Wellher	ubing nd Pressure (P <sub>t</sub> ) or (P <sub>e</sub> )	Ouration (Hours)	Liquid Produced (Barrels)	
Shut-In		paig (Fili)	Inches H <sub>2</sub> 0			125	osia	psig	csta	<del></del>		
Flow	<u> </u>											
			<del></del> -		FLOW STR	EAM ATTRIE	UTES	·i		<del></del>	<del></del> -	
Plate Coeffied (F <sub>b</sub> ) (F	cient =_,)	Gircle one:  Meter or  Prover Pressure  psia	Press Extension	Grav Fac	tor T	Flowing emperature Factor F <sub>H</sub>	Fa	riation actor F <sub>pv</sub>	Metered Flov Fl (Mcfd)	GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> ) <sup>2</sup> =	:	: (P <sub>*</sub> ) <sup>2</sup> =_	:	(OPEN FL		ERABILITY) % (P		_ATIONS - 14.4 =	:	(ዮ <sub>ሬ</sub> )፡	= 0.207 =	
(P <sub>a</sub> ) <sup>2</sup> - ( or (P <sub>a</sub> ) <sup>2</sup> - (		(P <sub>g</sub> ) <sup>2</sup> - (P <sub>g</sub> ) <sup>2</sup>	1. P <sub>a</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup>	LOG of formula 1, or 2, and divide			sure Curve = 'n' or gned		.og	Antilog	Open Flow Deliverability Equals R x Antilog	
			felded by: Pc2 - P	в Бу:	P.2. P.2		d Slope		L J		(McId)	
			<b></b>									
Open Flo	3W		Mcfd @ 14.	65 psia		Deliverabil	ity	, ,		Mcfd @ 14.65 psi	a	
		ned authority, on			t. Executed			to make the		ort and that he ha	s knowledge of	
		Witness (if	any)	· · · · · · · · · · · · · · · · · · ·		7 2012		ren	For	Company		
		For Commi	ssion	_	<u> </u>	. TAIR_			Ćh-	cked by		

KCC WICHITA

۱d	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request						
exemp	t status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc						
and th	at the foregoing pressure information and statements contained on this application form are true and						
correc	t to the best of my knowledge and belief based upon available production summaries and lease records						
of equi	pment installation and/or upon type of completion or upon use being made of the gas well herein named.						
۱h	ereby request a one-year exemption from open flow testing for the Wiese 13-5						
gas we	ell 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						
l fo	urther agree to supply to the best of my ability any and all supporting documents deemed by Commissio						
staff as	s necessary to corroborate this claim for exemption from testing.						
Date:	12/28/2011						
	·						
	Signature: Cheuf phison						
	Title: Regulatory Analyst II						

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

JAN 1 7 2012

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