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

Type Test:				(	See Instruct	ions on Rev	erse Side	)				
	en Flow iverabilty			Test Date	:				No. 15 023-21231-0	0-00		
Company Noble Energy Inc						Lease Wiese				43-5	Well Number	
County Location Cheyenne SW-NW-NE-SE			Section 5		TWP 4S		RNG (E/W) 41W			Acres Attributed		
Field Cherry Creek			Reservoir Niobrara			***************************************		thering Conne ern Star/Kinde				
Completio 3/3/2010	n Date			Plug Bac 1468'	k Total Dept	h		Packer \$	Set at			
Casing Size Weight 7", 4-1/2" 17#, 11.6#			Internal E 9-7/8",		Set at 322', 1511'		Perforations 1292'		то 1354'			
Tubing Siz 2-3/8"			Internal Diameter 1.995			Set at Per 1376'		rations	То			
Type Completion (Describe) Single (gas)				Type Flui Saltwa	d Production ter	1		Pump Unit or Traveling Pl Yes		Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) Tubing				% C	% Carbon Dioxide			% Nitrog	gen	Gas Gr	Gas Gravity - G <sub>g</sub>	
Vertical D	epth(H)				Pres	sure Taps				(Meter	Run) (Prover) Size	
Pressure I	Buildup:	Shut in	3 20	0_13_at_2	45	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on Li		Started 7/17		13 at 3	05	(AM) (PM)	Taken	······	20	at	(AM) (PM)	
					OBSERVE	D SURFACI	E DATA			Duration of Shut-	in 24.6 Hours	
Static / Dynamic Property	I Prover Pr		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	t Wellhead P		Wellhe	Tubing ead Pressure or (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	<u>*.</u>	poig (t m)	11101100 1120			psig 53	psia	psig	psia			
Flow												
				1	FLOW STR	EAM ATTR	IBUTES				1	
Plate Coeffiecie (F <sub>b</sub> ) (F <sub>p</sub> Mcfd	_	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P <sub>m</sub> xh	Grav Faci F	or	Factor Fa		iation ctor pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Gravity	
				/ODEN EL	OW/ (DELIV	ERABILITY	CALCIII	ATIONS				
P <sub>c</sub> ) <sup>2</sup> ==	:	(P <sub>w</sub> ) <sup>2</sup> =_	:	P <sub>4</sub> =			) CALCOL ( - 14.4) +				<sup>2</sup> = 0.207 <sup>2</sup> =	
(P <sub>c</sub> ) <sup>2</sup> - (P or (P <sub>c</sub> ) <sup>2</sup> - (P	2 )2	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> (P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide p2. p2		Backpressure Curve Slope = "n" or Assigned Standard Slope			rod	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
						ļ						
Open Flow Mcfd @ 14.65			 65 psia	L i5 psia		Deliverability		Mcfd @ 14.65 psia				
		ed authority, on			states that h			o make t		rt and that he ha		
ne facts st	ated ther	ein, and that sa	id report is true	and correc	t. Executed	this the 12	2	day of _	December		, 20 <u>13</u> .	
		Witness (if	any)			_			For C	ompany	KCC WIC	
			ssion			_			Chec	• •	DEC 30 2	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
and that 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
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.  I hereby request a one-year exemption from open flow testing for the Wiese 43-5
gas well 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 further agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this claim for exemption from testing.
Date: 12/12/2013
Signature: Xille mills
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.