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

ype Test:					(-	see instruct	ions on Hev	erse Siae	9)			
	en Flow iverabilt	v			Test Date	<b>)</b> ;				No. 15		
company	·	<u> </u>					Lease		15-	023-21232-0	1	Well Number
loble En	ergy Ir						Wiese				44-5	
County Location Cheyenne NW-NW-SE-SE			Section 5		TWP 4S		RNG (E/W) 41W			Acres Attributed		
					Reservoir Niobrara			Gas Gathering Connection Southern Star/Kinder Morgan		RECEIVECT NICIONAL PROPERTY AND CONTRACT NICIONAL PROPERTY NICIONA		
•				Plug Bact 1541'	Plug Back Total Depth 1541'			Packer S	Set at		Koo	
Casing Size Weight 7", 4-1/2" 20#, 11.6#			6#	Internal E 9-7/8",		Set at 220', 1584'		Perforations 1363'		то 1408'	ACC MICI	
Tubing Size We			Veight	.011	Internal Diameter		Set at		Perforations		To	<del> </del>
2-3/8" 4.7# Type Completion (Describe)				Type Flui	1.995 Type Fluid Production			Pump Unit or Traveling Plunger? Yes / N			/ No	
Single (gas) Producing Thru (Annulus / Tubing)					Saltwater % Carbon Dioxide			Yes % Nitrogen Gas Gravity -			avity - G	
ubing			. aomy		,o C	COUNTY STORY			70 THATOU	JU.1		<b>y</b>
ertical De	epth(H)					Pres	sure Taps				(Meter F	Run) (Prover) Size
ressure I	Buildup:	Shut in	6/26	2	0 12 at 1	1:45	(PM)	Taken		20	at	(AM) (PM)
Vell on Li	Started	ted 6/27 20		12 at 1:30		(AM) (PM) Taken_		20 _		at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA		······································	Duration of Shut-	25.75 Hours
Static / Dynamic Property	Orifice Size (inches	Meter Prover Pressure		1	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
Shut-In		psig	(PIII)	Inches H <sub>2</sub> 0			psig 91	psia	psig	psia		
Flow												
						FLOW STR	EAM ATTRI	BUTES	·····	1	···	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P <sub>m</sub> xh	Grav Fact	tor 1	Flowing Femperature Factor F <sub>rt</sub>	Fa	viation actor F <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Gravity
P <sub>c</sub> ) <sup>2</sup> =		: (F	ow)2 =	<u></u> :	•	OW) (DELIV	<b>ERABILITY)</b> % (P		_ATIONS + 14.4 =	<u> </u>		<sup>2</sup> = 0.207 <sup>2</sup> =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. P <sub>2</sub> -P <sub>2</sub> LOG of formula 1. or 2.		P.2-P.2	Backpressure Cu Slope = "n"		l n x i	LOG	Antilog	Open Flow Detiverability Equals R x Antilog (Mcfd)
												1
pen Flow				Mcfd @ 14.	65 nsia		Deliverabi	lity			Mcfd @ 14.65 psi	<u> </u>
		ned author	rity, on t		,	tates that h		•	to make th		t and that he ha	
											t and that he ha	=
••••		140	tnas= ('' :	and .								
		W	tness (if ar	····						For Co	ompany	
		Fo	r Commiss	ion			_	<del></del>		Chec	ked by	

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 44-5 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: 11/30/2012  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.