KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	Form G-2	,
	(Rev. 7/03)	
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No		
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ın) (Pı	over) Size	
	440 (DL0	
-	AM) (PM)	
(AM) (PM)	
25	Hours	
***************************************	TIOUTS	
	d Produced Barrels)	
	Jan (0,0)	
	Flancia	
,	Flowing Fluid	
	Gravity G	
= 0.2	07	
=		
	en Flow verability	
	R x Antilog Mcfd)	
	(MICIO)	
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know	ledge of	•
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	t: pen Flov Hiverab				(Test Date	See Instructi o:	ions on Rev	erse Side	AP	l No. 15	5-023-	212	08-0
Company	y						Lease	911		023-20885		Well Num	
Noble Energy, Inc. County Location		Section TWP		41-1 RNG (E/W)			Acres Attributed						
Cheyenne SE NW NE NE		17		28		38W				modred			
Field Cherry Creek			Reservoir Niobrara			Gas Gathering Connection Southern Star		ection	RECEI				
Completion Date 1/20/2009		Plug Back Total Depth 1535'		Packer Set at		DEC 0 5		EC 05					
Casing Size Weight 7", 4+1/2" 17#, 10.5#			Internal Diameter Set at 9+7/8", 6+1/4" 298', 1579'		Perforations 1350'		т _о 1380'	KCC	Wici				
Tubing Size Weight 2+3/8" 4.7#		Internal Diameter Set at 1.995 1412'		Perforations		То		- 11101					
Type Cor Single) (Des			Type Fluid Production Saltwater		Pump Unit or Traveling Pl		Plunger? Yes / No				
Producin		(Annı	ulus / Tubing	ı)		Carbon Dioxid	de		% Nitro	gen	Gas Gi	ravity - G	ı
tubing Vertical D	Depth(H)				Press	sure Taps			· · · · · · · · · · · · · · · · · · ·	(Meter	Run) (Pro	ver) Size
			7/2	4 .	0_12_at_7	:00 /				-			
Pressure Well on L			tarted 7/2	2	0 <u>12</u> at 1 0 12 at 8	·00	\simeq				at	-	
	• •					OBSERVE	D SURFACE	DATA			Duration of Shut	_{-in} 25	Hours
Static / Dynamic Property	Orific Size (inche	•	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casing Tubing Duration Liquid Produced Wellhead Pressure Wellhead Pressure Duration Liquid Produced		Produced				
Shut-In							244	ранц	paig	pole			
Flow													
	T		·		<u> </u>	FLOW STR	EAM ATTR	BUTES		l .		···	
Plate Coeffied (F _b) (F	ient	٨	Pircle ane: Meter or Pressure psia	Press Extension P _m xh	Gravity Factor F _g F _g F _{fr} F _{fr} F _{fr} Flowing Temperature Factor F _g Factor F _{gr} F _{gr} F _{gr} Flowing Temperature Factor F _{pv} Factor F _{pv} Metered Flow GOR (Cubic Feet/ (Mcfd) Barrel)			Flowing Fluid Gravity G _m					
	.				(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS	L	(P.)) ² = 0.20	
(P _c) ² =		_:		:		<u>9</u>	% (P	_c - 14.4) +	14.4 = _	<u> </u>	(P _d)		
(P _c) ² - (or (P _c) ² - ((P _c)² - (P _w)²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_c^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slop	ssure Curve e = "n" or signed ard Slope	n v	rog	Antilog	Deliv Equals I	n Flow erability R x Antilog //cfd)
I				<u> </u>									
Open Flo	ow.			Mcfd @ 14.	65 psia		Deliverab	ilitv			Mcfd @ 14.65 ps	ia	
The	undersi	_	•		Company,		e is duly au	thorized t		-	ort and that he ha	as knowle	
			Witness (i	f any)			-			For	Company		·····
For Commission						_	Checked by						

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc.
•	t 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
	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the Rail # 41-17
	I 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 fu	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
	necessary to corroborate this claim for exemption from testing.
Date: _1	1-30-2012
	$\langle j \rangle$
	Signature: 73 711
	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.