RECEIVED

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

Type Test	: en Flow	ı	OIIL I	0	•		ctions on Re				, 1201		
Deliverabilty			Test Date	<b>)</b> :	•	. API No. 15 15-023-21070-00-00							
Company Noble Energy Inc						Lease Keller F	arms				Vell Number		
County Location Cheyenne S2-NW-SW-SW				Section 17		TWP 2S			RNG (E/W) 38W		Acres Attributed		
Field Cherry Creek				Reservoir Niobrara				Gas Gat Southe	thering Conn ern Star	ection			
Completion Date 11/21/2008					Plug Bac 1440'	k Total De	pth		Packer Set at				
Casing Size 7", 4-1/2"			Weight 17#, 9.	Internal Diameter 9-7/8", 6-1/4"			Set at 238', 1474'		rations 8'	™ 1318'			
Tubing Size 2-3/8"			Weight 4.7#		Internal Diameter 1.995			Set at 1346'		rations	То		
Type Completion (Describe) Single (gas)				Type Flui Saltwa	on	Pump Unit or Traveling Plu			Plunger? Yes	No			
Producing Thru (Annulus / Tubing) Tubing				% C	arbon Dio	xide		% Nitrogen		Gas Gravity - G <sub>g</sub>			
Vertical D	epth(H)	)				Pre	essure Taps				(Meter F	Run) (Prover) Size	
Pressure	Buildup	o: Sh	ut in11/6	2	13 at 1	1:00	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on L	ine:	Sta	arted	20	13 at 1		_ (PM)	Taken		20	at	(AM) (PM)	
						OBSERV	/ED SURFAC				Duration of Shut-i	in 24 Hours	
Static / Dynamic Property	namic Size		Circle one: Pressure Meter Differential Prover Pressure in psig (Pm) Inches H,0		Flowing Well Head Temperature t		Wellhead	Casing  Wellhead Pressure  (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing ead Pressure or (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							177	psia	psig	psia			
Flow													
					1	FLOW S1	TREAM ATTI	RIBUTES	,				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Me Prove	Circle one:  Meter or  Prover Pressure  psia  Press  Extension  Pmx		Gravity Factor F <sub>g</sub>		Flowing Temperature Factor F <sub>11</sub>		eviation Metered Flor factor R F <sub>pv</sub> (Mcfd)		w GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> ) <sup>2</sup> =		_;	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FL	, ,	IVERABILITY _% (	<b>r) CALCU</b> I P <sub>c</sub> - 14.4) -		:	(P <sub>a</sub> )² (P <sub>d</sub> )²	2 = 0.207 2 =	
		(P <sub>c</sub> )²	$(P_{c})^{2} - (P_{w})^{2}$ $(P_{c})^{2} - (P_{w})^{2}$ $(P_{c})^{2} - P_{c}^{2}$ $(P_{c})^{2} - P_{d}^{2}$		LOG of formula 1. or 2. and divide by:		Backpri Sid	Backpressure Curve Slope = "n" or  Assigned Standard Slope		roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Once Fla	<u> </u>	<u> </u>		Motel @ 14	65 peis		Delivera	hility			Mcfd @ 14.65 psi		
Open Flo				Mcfd @ 14.					. ,				
		-		behalf of the							ort and that he ha	s knowledge of	
		·										KCC WICH	
			Witness (if a	any)		<del></del>	•			For	Company		
			For Commis	sion			-			Che	ecked by	DEC 3 1 20	

I declare	under penalty of perjury under the laws of the state of Kansas that I am authorized to request
xempt statu	s under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
nd that the	foregoing pressure information and statements contained on this application form are true and
orrect to the	best of my knowledge and belief based upon available production summaries and lease records
	installation and/or upon type of completion or upon use being made of the gas well herein named.
l hereby	request a one-year exemption from open flow testing for theKeller Farms 14-17
as well on t	ne grounds that said well:
(C	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 Commissio
taff as nece	ssary to corroborate this claim for exemption from testing.
Date: 12/27	'13
, uto.	<del></del>
	Signature: Cheuf Johnson
	Title: _Completions Supervisor

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 with signed and dated on the front side as though it was a verified report of annual test results.

DEC 3 1 2013