RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: en Flo	w			(See Instruct	tions on Re	everse Side))				
De	liverab	ilty			Test Date	e:				No. 15 023-20759-0	0-00		
Company Noble E	,	Inc					Lease Rueb F	arm			43-15	Well Nu	mber
County Cheyenne			Location NE-SE		Section 15		TWP 3S		RNG (E/W) 42W		Acres Attributed		ttributed
Field Cherry Creek				Reservoir Niobrara				Gas Gathering Connec Kinder Morgan		ction			
Completion 10/1/200		le			Plug Bac 1650'	k Total Dept	th		Packer S	Set at			
Casing Size 7", 4-1/2"			Weight 17#, 9.5#		Internal Diameter 9-1/4", 6-1/4"		Set at 300, 1696'		Perforations 1486'		то 1552'		
Tubing Si 2-3/8"	Tubing Size 2-3/8"		Weight 4.7#		Internal Diameter 1.995		Set at		Perforations		То		
	Type Completion (Des Single (gas)				Type Fluid Production Saltwater				Pump Unit or Traveling Plu Yes		Plunger? Yes	lunger? Yes / No	
Producing Thru (Annulus / Tubing) Tubing			1	% C	Carbon Dioxi	de	e % Nitrogen		en	Gas Gravity - G			
Vertical D	Pepth(F	1)				Pres	sure Taps				(Meter	Run) (P	rover) Size
Pressure	Buildu	•	Shut in10/2	4 2	0_13_at_2	:00	(AM) PM) Taken		20 .	at	(AM) (PM)
Well on L	.ine:		Started 10/2	5 2	0 <u>13</u> at <u>3</u>	:00	_				at		
						OBSERVE	D SURFAC	E DATA	,		Duration of Shut-	_{in_} 25	Hours
Static / Dynamic Property	nic Size		Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							76	para	paig	psia			
Flow					<u> </u>								
Plate			Circle one:			FLOW STR	Flowing	RIBUTES	l		<u> </u>		Stewies
Coefficient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Press Extension P _m x h	Grav Fac F	or Temperature		Fa	iation ictor pv	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
										<u> </u>			
(P _c) ² =		_:	(P _w) ² =_	:	(OPEN FL	OW) (DELIV		/) CALCUL P _c - 14.4) +		<u> </u>	(P _a)	² = 0.2 ² =	07
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		hoose formula 1 or 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_w^2$	LOG of formula		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x 106		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow		Mcfd @ 14.65 psia				Deliverat	hility	L		Acid @ 14.65 ps	@ 14.65 psia		
		igne	d authority, on			states that h			o make th		t and that he ha		ledge of
			in, and that sai										20 13
r												CC '	WICHI [*]
			Witness (if				_				ompany	DEC	3 1 2013
			For Commis	sion			•			Check	ed by		

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to re status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc	quest
and that correct t of equip I he	t the foregoing pressure information and statements contained on this application form are true to the best of my knowledge and belief based upon available production summaries and lease represent installation and/or upon type of completion or upon use being made of the gas well herein not reby request a one-year exemption from open flow testing for the Rueb Farm 43-15.	cords
	(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 rther agree to supply to the best of my ability any and all supporting documents deemed by Connecessary to corroborate this claim for exemption from testing.	nmissior
Oate: _1	2/27/2013	
	Signature: Ley Konson 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. **Kerning Parts** signed and dated on the front side as though it was a verified report of annual test results.