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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= .	: en Flow liverabilty			(Test Date		tions on Reve	erse Side	API	No. 15	20.00	
Company	,					Lease		10-1	023-20752-0		Well Number
Noble Energy Inc County Location Section					TWP	Rueb Farm TWP RNG (E/W)			24-15 Acres Attributed		
Cheyenn	Cheyenne NE SE-SW 15					38		42W			
Field Reservoir Cherry Creek Niobrara						Gas Gathering Coni Kinder Morgan					
Completion Date Plug Back Total Depth 1/22/2008 1588'					th		Packer S	Set at			
5			Internal (9-7/8",			Set at 332', 1631'		rations 6'	то 1492'		
Tubing Size Weight 2-3/8" 4.7#			Internal (1.995	Diameter	Set at	Set at		Perforations		То	
Type Com Single (id Production	n		Pump Ur Yes	nit or Traveling	Plunger? Yes	/ No
		nnulus / Tubii	ng)								ravity - G _g
Tubing											
Vertical D	epth(H)				Pres	sure Taps				(Meter	Run) (Prover) Size
Pressure	Buildup:	Shut in 6/	17	20 13 at 3	:00	(AM)((PM)	Taken		20	at	(AM) (PM)
Well on Li	Well on Line: Started 6/18 20 13					(AM) (PM)	> X				(AM) (PM)
					Opermin	in clibrant	DATA			Dunati (0) (_in 24 Hours
Static /	Orifice	Circle one:	1	Flowing Well He		Casing		Tubing		Duration of Shut	-in Hours
Dynamic Property	Size (inches)	Meter Prover Press	I	Temperature t		Wallbaad Proceura		Wellhead Pressure (P_w) or (P_1) or (P_2)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	(1101100)	psig (Pm) Inches H ₂ 0		<u> </u>	psig 48	psia	psig	psia		
Flow						40					<u> </u>
				1	FLOW STR	L L	BUTES				
Plate Coeffieci (F _b) (F _M	ient p) F	Circle one: Meter or Prover Pressure psia Press Extension P _m x h		Gravity		Flowing Dev Temperature Fa		iation ctor = pv	Metered Flow R (Mcfd)	(Cubic Fe	eet/ Fluid Gravity
-				(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS			<u>l</u>
(P _c) ² =		(P _w) ²	=:	P _d =		ŕ		14.4 =	·····;	(P _a)) ² = 0.207) ² =
(P _c) ² - (F or (P _c) ² - (F	.	(P _c) ² - (P _w) ²	Choose formula 1 or: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_g^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Ślope (Assi	sure Curve e = "n" or gned rd Slope	l n x i	LOG [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
L											
Open Flow	W		Mcfd @ 14	.65 psia		Deliverabil	ity			Mcfd @ 14.65 ps	ia
	-	-				•			-	rt and that he ha	J
the facts st	tated ther	ein, and that s	said report is tru	e and correc	t. Executed	this the 5		day of	41 y		, 20 <u>13</u> .
											KCCI
		Witness	(if any)						For C	ompany	KCC \

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc going pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the Rueb Farm #24-15
gas well on the gr	ounds that said well:
_	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 7/5/2013	
	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.

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