KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Company Noble Energy Inc	/Kinder Morgan To 1490 To tveling Plunger? Yes	Acres Attributed
Company Noble Energy Inc	Connection /Kinder Morgan To 1490 To veling Plunger? Yes	Acres Attributed
Noble Energy Inc	Connection /Kinder Morgan To 1490 To tveling Plunger? Yes	Acres Attributed
Cheyenne NE-NW-SE-SE 31 3S 41W	/Kinder Morgan To 1490 To tveling Plunger? Yes	O'
Cherry Creek Niobrara Southern Star Completion Date (3/3/2008) Plug Back Total Depth 1607° Packer Set at 6/3/2008 Casing Size (2/3/2008) Weight 17#, 11.6# Internal Diameter (30/2)*, 6-1/4" Set at (30/2)*, 1616° 1452' Casing Size (2/3/8") Weight (3/4)*, 11.6# Internal Diameter (30/2)*, 6-1/4" Set at (30/2)*, 1616° 1452' Tubing Size (2/3/8) 4.7# 1.991 1506' 1506' Pump Unit or Tr. 1506' Type Completion (Describe) Type Fluid Production (2/3)* Pump Unit or Tr. 1980' Pump Unit or Tr. 1980' Pump Unit or Tr. 1980' Single (gas) Saltwater Yes Nitrogen Prossure Taps Pressure Taps Pressure Buildup: Shut in (2/4) 20/2 13/2 at 11:15 AM (AM) (PM) Taken Well on Line: Static (2/2) Stated (2/7) 20/3 at 3:15 PM (AM) (PM) Taken OBSERVED SURFACE DATA Static (2/2) Orifice (2/2)* (P)* (P)* (P)* (P)* (P)* (P)* (P)* (P	/Kinder Morgan To 1490 To tveling Plunger? Yes	
Plug Back Total Depth	To 1490 To veling Plunger? Yes	
Casing Size	To veling Plunger? Yes	
Tubing Size Weight 1.991 1506'	To veling Plunger? Yes	
Type Completion (Describe) Single (gas) Type Fluid Production Saltwater Yes Producing Thru (Annulus / Tubing) Welling Vertical Depth(H) Pressure Taps Pressure Buildup: Started 2/7 20 13 at 11:15 AM (AM) (PM) Taken Well on Line: Started Orifice Size Dynamic Prover Pressure Property (inches) Shut-In Flow Flow Flow Flow Flow Flow Flow Fl	•	
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Tubing Vertical Depth(H) Pressure Taps Pressure Buildup: Shut in $\frac{2/6}{2/7}$ $\frac{20}{20}$ $\frac{13}{3}$ at $\frac{11:15}{3}$ AM (AM) (PM) Taken Well on Line: Started $\frac{2}{7}$ $\frac{20}{20}$ $\frac{13}{3}$ at $\frac{3:15}{3}$ PM (AM) (PM) Taken OBSERVED SURFACE DATA Static / Oritice Dynamic Property (inches) Prover Pressure Property (inches) Prover Pressure Psig (Pm) Inches H ₂ 0 $\frac{13}{3}$ $\frac{1}{3}$	Gas (es / No
Tubing Vertical Depth(H) Pressure Taps Pressure Buildup: Shut in $\frac{2/6}{2/7}$ $\frac{13}{20}$ $\frac{1}{3}$ $\frac{11:15}{3}$ AM (AM) (PM) Taken		Gravity - G
Pressure Buildup: Shut in 2/6 20 13 at 11:15 AM (AM) (PM) Taken		. g
Well on Line: Started $2/7$ 20 13 at $3:15$ PM (AM) (PM) Taken	(Mete	er Run) (Prover) Size
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	20 at	(AM) (DM)
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$. —	
Static / Dynamic Size (Inches) Properly Size (Inches) Properly Properly (Inches) Properly Properly (Inches) Properly (I	Duration of Shu	ut-in_28Hours
Shut-In	(Hours)	Liquid Produced (Barrets)
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	sia	
Plate Coefficient (F _b) (F _p) Meter or Prover Pressure psia (P _c) ² = $(P_c)^2 - (P_a)^2$ (P _c) ² - (P _a) ² (P _c) ²		
Coefficient (F_b) (F_p) Moted Prover Pressure psia $P_{m} \times h$ Extension $P_{m} \times h$ Factor $P_{m} \times h$ ($P_{m} \times h$ Factor $P_{m} \times h$ Facto		
$ (P_c)^2 = $	ed Flow GOI R (Cubic I lcfd) Barre	Feet/ Fluid
$ (P_c)^2 = $		
	(P	P_) ² = 0.207
		o _d) ² =
	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
\\		
Open Flow Mcfd @ 14.65 psia Deliverability		psia
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the abov	Mcfd @ 14.65 p	
the facts stated therein, and that said report is true and correct. Executed this the 12 day of December	e report and that he	, 20 <u>13</u> .
Witness (if any)	e report and that he	KCC WK
For Commission	e report and that he	1100 111

l doctoro	der populty of porjugu under the lowe of the otate of Karana that I are such asian the control
	der penalty of perjury under the laws of the state of Kansas that I am authorized to request
	der 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
	et 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 Workman 44-31B
gas well on the g	rounds that said well:
(Checi	k 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 agre	e to supply to the best of my ability any and all supporting documents deemed by Commissio
staff as necessa	y to corroborate this claim for exemption from testing.
	•
Date: 12/12/201	3
	Signature: Ka Mlanyn ill
	Title: Regulatory Analyst
	Tal. Reculatory Analysi

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.

KCC WICHITA

DEC 3 0 2013