RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	•		(See	Instructi	ons on Rev	erse Side	9)					
Open Flow Deliverability			Test Date:					No. 15 023-20948-0(0-00			
Company Noble Energy, I	nc.	······································			Lease Zweygar	dt			32-32E	Well Nur	mber	
County Location Cheyenne SWNE			Section 32		TWP 3S		RNG (E/W) 41W		ı	Acres Attributed		
Field Cherry Creek			Reservoir Niobrara			Gas Gathering Connection Southern Star/Kinder Morgan						
Completion Date 3/27/2008			Plug Back Total Depth 1548'			Packer Set at				_		
Casing Size 7", 4.5"	Weight 17#, 1(0.5#	Internal Diam 9-7/8", 6-1		Set at 269', 1590'		Perforations 1387'		To 1444'			
Tubing Size 2-3/8"	Weight 4.7#		Internal Diameter 1.995		Set at 1481'		Perforations		То			
Type Completion (Describe) Single (Gas)			Type Fluid Production saltwater			Pump Unit or Traveling Plunger? Yes / No yes Rod Pump						
Producing Thru (Annulus / Tubing)		% Carbo	on Dioxid	ie		% Nitrog		Gas Gr	avity - G	i _o	
Fubing Vertical Depth(H)			Pressure Taps				(Meter Run) (Prover) Size					
Pressure Buildun:	: Shut in 11/1	8 20	13 _{at} 10:0	0 ((AM)(PM)	Taken		20 _	at		AM) (PM)	
Well on Line:	•		13 10:00						at(AM) (PM)			
			OE	SERVE	D SURFACE	DATA			Ouration of Shut-	in_24	Hours	
Dynamic Size	Orifice Meter Di		Temperature Temp		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_i) or (P_c) psig psia				uid Produced (Barrels)	
Shut-In		2			124	рыа	psig	psia	,	<u> </u>		
Flow							<u> </u>					
			FL	OW STR	EAM ATTRI	BUTES	·····	<u> </u>				
Plate Coefficcient (F _b) (F _p) Mcfd	pefficient Meter or Extension F _b (F _p) Prover Pressure		Gravity T		Flowing femperature Factor F _{f1}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
	<u> </u>		(OPEN FLOW)	(DELIVI	ERAB(LITY)	CALCUI	ATIONS		(D.)	3 00		
(P _c) ² =	: (P _w) ² =		P _d =	9				;	(P _d)	2 = 0.20 2 =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$ (P_c)^2 - (P_w)^2 $ Choose formula 1 or 2: $ 1. P_c^2 - P_e^2 $ $ 2. P_c^2 - P_d^2 $ $ divided by: P_c^2 \cdot P_w^2 $		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flow		Mcfd @ 14.6	35 psia		Deliverabi	lity		<u> </u>	//cfd @ 14.65 ps	ia		
•	ned authority, on erein, and that sai	behalf of the	Company, state		e is duly au	thorized			i	ıs know	ledge of	
	Witness (if a	any)			_			For Co	ompany	кс	c wic i	
	For Commis	sion			_			Check	ked by	DE	C 3 1 20	

	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					
correct to the be	st of my knowledge and belief based upon available production summaries and lease records					
	tallation and/or upon type of completion or upon use being made of the gas well herein named.					
	uest a one-year exemption from open flow testing for the Zweygardt 32-32B					
gas well on the g	rounds that said well:					
(Ched	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					
l further agr	ee to supply to the best of my ability any and all supporting documents deemed by Commissio					
	ry to corroborate this claim for exemption from testing.					
	ty to correspond to the charmen enough to the country.					
Date: 12/26/13						
Date. 12/20/10						
	•					
	\mathcal{L}					
	Signature:					
	Signature: Title: Regulatory Arralyst					

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.

DEC 3 1 2013