RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Company Noble Energy, Inc. Lease Zweygardt Section TWP RNG (EW) Acres Attributed Cheyenne SWSE 32 3S 41W Field Reservoir Gas Gathering Connection Cherry Creek Niobrara Southern Star/Kinder Morgan Completion Date Plug Back Total Depth Packer Set at 9/21/2007 Casing Size Weight Internal Diameter Set at Perforations To 7", 4-1/2" 17#, 9.5# 9-7/8", 6-1/4" 292', 1589' 1384' 1456' Tubing Size Weight Internal Diameter Set at Perforations To 2-3/8" 4.7# 1.995 1486' Type Completion (Describe) Type Fluid Production Saltwater Yes Rod Pump Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - Go	_	en Flov iverabi				(· Test Date		ons on Reve	erse Side	API	No. 15	0.00	
Country Country Country Country Section Section Section TWP STAND (EW) Acres Attributed	Company									15-0	J23-20783 - 0		Well Number
Reservoir Rese	County Location						TWP		• •				
Competion Date Observed Date O	Cheyenn	e		SWSE			·	38			hering Conne	ection	
1549 1549	Cherry Creek				Niobrara	Niobrara			Southern Star/Kinder Morgan				
Pressure Bildup: Shut in 11/6 20 13 at 9:00 (AM) (PM) Taken 20 at (AM) (PM)	•		e 				k Total Depti	n		Packer S	et at		<u> </u>
Pressure Buildup: Shut in 11/6 20 13 at 8:00 20 20 20 20 20 20 20											-		
Type Completion (Describe) Saltwater Yes Rod Pumper? Dunger? Saltwater Yes Rod Pumper? Saltwater Network Rod Pumper? Saltwater Network Rod Pumper? Saltwater Yes Rod Pumper? Saltwater Network Rod Pumper? Saltwater Network Rod Pumpers Rod Rod Pumpers Rod	Tubing Size									Perforations		То	
Pressure Buildup: Shut in 11/6 20 13 at 8:00 AM)(PM) Taken 20 at (AM) (PM) Well on Line: Started 11/7 20 13 at 9:00 AM)(PM) Taken 20 at (AM) (PM) Well on Line: Started 11/7 20 13 at 9:00 AM)(PM) Taken 20 at (AM) (PM) OBSERVED SURFACE DATA Duration of Shut-in 25 Hours Static / Orifice Drawn (Resoure Property (inches) Proper Pressure Page (inches) Proper Pressure Pressure Pressure Proper Pressure Pr	Type Com		n (De			Type Flui	Type Fluid Production						/ No
Pressure Buildup: Shut in 11/6 20 13 at 8:00 ((Motor Run) (Prover) Size)			(Anr	nulus / Tubina	a)					Yes Kod Yump % Nitrogen Gas Gravity - G			
Pressure Buildup: Shut in 11/6	tubing	, ,,,,,	(Ain	noids / Tability	91	70 0	alboli bloxii			70 14KTOG		y das di	2011, C ₀
Well on Line: Started 1117 20 13 at 9:00 OBSERVED SURFACE DATA OBSERVED DURATION Taken 20 at	Vertical D	epth(H	I)				Press	sure Taps				(Meter F	Run) (Prover) Size
Well on Line: Started 11/7 20 13 at 9:00 (AM) (PM) Taken 20 at (AM) (PM) OBSERVED SURFACE DATA Duration of Shut-in 25 Hours Static / Orifice Size Meter (Inches) Prover Pressure Inches H₂0 Inches	Pressure	Builde	D: -	Shut in 11/	6 ,	0 13 at 8	:00	(AM)(PM) T	faken		20	at	(AM) (PM)
Static / Orifice Circle cear. Meter Prover Pressure pigi (Pm) Inches H ₂ 0 Prover Pressure pigi (Pm) Prover Pressure Prover Pressure Pigi (Pm) Pig			•										
Static / Orifice Size Property (inches) Prover Pressure paig (Pm) Prover Pressure							ORSERVE	D STIDENCE	DATA			Duration of Shut	25 Hours
Dynamic Size properly (inches) Prover Pressure paig (Pm) Inches H₂0 Inches	Static / Orific		ce	1		Flowing		Casing		Tubing			
FLOW STREAM ATTRIBUTES FORWING FORWIN	Dynamic	Size	Prover Press		ure in			1		(P _w) or (P _t) or (P _c)			,
Flow STREAM ATTRIBUTES Plate Coefficient Circle one: Meter or Press Extension Factor				psig (Pm)	Inches H ₂ U				psia	psig	psia	_	
FLOW STREAM ATTRIBUTES Plate Coefficient (F _x) (F _y) (F _y) Refer on palar (F _x) (F _y) (<u></u>		 -	
Coefficient (F ₁)(F ₂) Mcfd Prover Pressure pia P				I ,			FLOW STR	EAM ATTRIE	BUTES	l			
(P _c) ² = : (P _w) ² = : P _d = % (P _c -14.4) + 14.4 = : (P _d) ² =	Coeffiecient (F _b) (F _p)		Meter or Prover Pressure		Extension	Extension Fac		tor Temperature Factor		Factor ·		(Cubic Fe	et/ Fluid Gravity
(P _c) ² = : (P _w) ² = : P _d = % (P _c -14.4) + 14.4 = : (P _d) ² =	[1				-			
Checked by Checke	(P _x) ² =		;	(P_,)² =	: ;						:		
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the day of the facts stated therein, and that said report is true and correct. Executed this the day of the for Company the for	ог		(P _c) ² - (P _w) ²		1. P _c ² - P _e ² 2. P _c ² - P _d ²	1. P _c ² -P _c ² LOG of formula 2. P _c ² -P _c ² and divide		Backpressi Slope oi P 2 P 2 Assig		, nxi	LOG [Open Flow Deliverability Equals R x Antilog
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he facts stated therein, and that said report is true and correct. Executed this the 26 day of December , 20 13 Witness (if any) For Company KCC WIC			iane	d authority o		•	states that h			o make th		· · · ·	
, En Commission Checked by			-	-									
, En Commission Checked by				Witness	(il any)			_			For C	Company	KCC WIC
				For Comr	mission			_			Chec	ked by	

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc.
	t the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
l hei	reby request a one-year exemption from open flow testing for the Zweygardt 34-32
gas well	I on the grounds that said well:
	(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 fur	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as	necessary to corroborate this claim for exemption from testing.
Date: <u>1</u>	2/26/13
	Signature:
	Title: Regulatory Analyst

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 1 2013