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KANSAS CORPORATION COMMISSION
Form G-2
(Rev. 7709)
FEB 2 0 2009

KANSAS CORPORATION COMMISSION FEB 2 0 2009 ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instructions on Reverse Side)							CONSERVATION DIVISION WICHITA, KS			
= :	oen Flo eliverab				Test Date	e:				No. 15 - 023-2100	0-00-00		,	
Company Noble Energy, Inc.				Lease Zweygardt							Well Number 23-6			
County Cheyenne			Location SW-NE-NE-SW		Section 6		TWP 4S		RNG (E/W) 41W		.,.	Acres Attributed		
Field Cherry	Cree	k N	liobrara ga	s area	Reservoi Niobra					hering Conn r Morgan v		pe Cor	npres	sor
Completion Date 4/10/2008					Plug Bad 1623'	k Total Dep	th		Packer Set at n/a				***************************************	
Casing Size 7", 4-1/2"			Weight 17#, 1		Internal Diameter 9-7/8", 6-1/4"		Set at 235', 1666'		Perforations 14		446'	To 6' 1482'		
Tubing Size 2-3/8"			Weight 4.7#		Internal Diameter 1.991"		Set at 1,500'		Perforations			То		
Type Completion (Single (Gas)			escribe)		Type Flui Saltwa	d Production	n		Pump Unit or Trav No -		Flowing			
	g Thru	(An	nulus / Tubing)	% 0	Carbon Dioxi	ide		% Nitrog			Gas Gra	vity - G	
Tubing Vertical D)enth/H	17				Pres	sure Taps			· · · · · · · · · · · · · · · · · · ·		(Meter E	lun) (Pro	ver) Size
vertical L	zepinti	''				Fies	sule laps					(MEIGI F	iuli) (Pio	ver) Size
Pressure	Buildu	n:	Shut in 4/15	/ ,	08 at		(AM) (PM)	Taken		20	at		(Δ	M) (PM)
Well on Line:		•-	Started 4/21/ 2		0 08 at 0 08 at 3:00		(AM) (PM) Taken			20				
			·			OBSERVE	D SURFACE	E DATA			Duration	of Shut-i	n	Hours
Static / Orifice Dynamic Size Property (inches		е	Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	lemperature lempera		re Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Ouration (Hours)		Liquid Produced (Barrels)	
Shut-In			paig (i iii)	manes 11 ₂ 0			261	psia	psig	psia				
Flow								•						
						FLOW STR	EAM ATTR	BUTES	I					
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Grav Fact	tor	Flowing Femperature Factor F ₁₁	Deviation Factor F _{pv}		Metered Flor R (Mcfd)		GOR (Cubic Feet Barrel)		Flowing Fluid Gravity G _m
													<u> </u>	
(P _o) ² =		_ ;	(P _w) ² =_	:	P _d =		ERABILITY) % (P	CALCUL _e - 14.4) +		:		(P _a)² (P _d)²	= 0.207 =	•
(P _c) ² - (F or (P _c) ² - (F		(F	(c)2 - (P _w)2	1. P _c ² - P _e ² 2. P _c ² - P _e ² vided by: P _c ² - P _e ²	LOG of formula 1. or 2. and divide	P.2 - P.2	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x I	.og [Antile		Open Flow Deliverability Equals R x Antilog (Mcfd)	
O														
Open Flov				Mcfd @ 14.			Deliverabi				Mcfd @ 1			
			I authority, on	d report is true				IGHL	o make the	e above repo	ert and tha BAW	t he has		dge of
			Witness (if a							Ferc	Company			
			For Commis	sion				~		Chec	ked by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc. and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Zweygardt 23-6 gas well 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 further 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:
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.