KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:		J.1.2		(See Instruc	tions on Rev	erse Side	e)				
= '	oen Flo eliverab				Test Date) :				No. 15 3-20785-00-0)		
Company Noble Energy, Inc.			Lease Zweygardt			Well Number 42-32							
County Cheyenne			Locati SE-NE		Section 32		TWP 3S		RNG (E/W) 41W		Acres Attributed		
Field				Reservoir Niobrara				hering Connection	tion nerry Creek Compressor				
Completion Date 10/3/2007				Plug Bac 1596'	k Total Dep	th	n Packer N/A		Set at				
Casing Size 7", 4-1/2"			Weight 17#, 9.5#		Internal Diameter 9-7/8", 6-1/4"		Set at 305', 1639'		Perforations 1396'		то 1434'		
Tubing Size N/A			Weight		Internal Diameter		Set at		Perforations		То		
Type Completion (Describe Single (Gas)			escribe)			ype Fluid Production Saltwater			Pump Unit or Traveling Plur Yes		Plunger? Yes	unger? Yes / No	
Producing	-	(Anı	nulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	jen	Gas Gr	avity - G _g	
Vertical E	Depth(F	i)				Pres	sure Taps				(Meter	Run) (Prover) Size	
Pressure Buildup:						09 at 9:30		(AM) (PM) Taken		20		(AM) (PM)	
Well on L	ine:		Started 3/1	3/ 2	0 09 at 2	:30	(AM) (PM)	Taken		20 _	at	(AM) (PM)	
	I		Circle one:	Pressure			D SURFACE			Tubing	Ouration of Shut-	in 29 Hour	
Static / Dynamic Property	Dynamic Size		Meter Prover Presso psig (Pm)	Differential	Flowing Well Head Temperature t		Wellhead Pressure		Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							230						
Flow	<u> </u>					ELOW STE	EAM ATTRIE	ZIITES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Extension Fact		Flowing Deviation Temperature Factor Factor F _{pv}		ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	l Gravity	
(P ₂) ² =			(P.)² =	: :		, ,	ERABILITY)		ATIONS 14.4 =	:	(P _a)	² = 0.207 ² =	
(P _c) ² - (I	P _a)²	(F		: : : : : : : : : : : : : : : : : : :	and divide	P.2-P.2	Backpress Slope (Assi	sure Curve = "n" or gned rd Slope	n x	rog [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabil	ity		N	1cfd @ 14.65 ps	a	
		-	•	n behalf of the	•		this the 30			ne above report	and that he ha	s knowledge of	
			Witness (if any)		NOV 0	5 2009 [—]			For Co	mpany		
			For Comm	nission	K	CC WI	CHITA			Check	ed by		

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exempt status und and that the foreg correct to the best of equipment insta	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc. oing 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 llation and/or upon type of completion or upon use being made of the gas well herein named. st a one-year exemption from open flow testing for the Zweygardt 42-32
gas well on the gro	ounds that said well:
(Check	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: _10/30/2009	
	Signature: Kent Jasept
	Title: Regulatory Specialist

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.