KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	1:				(See Instruct	ions on Rev	rerse Side	9)				
= :	en Flo Iiverat				Test Date	: :				No. 15 023-20968-0	0-00		
Company Noble Er		Inc					Lease Zweyga	rdt			21-4	Well Number	
County Cheyenne			Locatio SW-SW	n -NE-NW	Section 4			TWP 4S		RNG (E/W) 41W		Acres Attributed	
Field Cherry C	Creek				Reservoir Niobrara					hering Conne rn Star/Kinde		**** * * · · ·	
Completion Date 5/28/2008					Plug Bac 1594'	k Total Dept	h		Packer S	Set at			
Casing Size 7", 4-1/2"			Weight 17#, 1			Internal Diameter 9-7/8", 6-1/4"		Set at 246', 1636'		Perforations 1362'		то 1400'	
Tubing Size 2-3/8"			Weight 4.7#		Internal Diameter 1.995		Set at 1413'		Perforations		То		
Type Completion (De Single (gas)			escribe)			Type Fluid Production Saltwater			Pump Unit or Traveling Plunger? Yes			/ No	
Producing Tubing	g Thru	(Anı	nulus / Tubing	1	% C	arbon Dioxi	de		% Nitrog	en	Gas G	avity - G _q	
Vertical D	epth(l)				Pres	sure Taps				(Meter	Run) (Prover) Size	
Pressure	Buildu	•	Shut in	2	11 at 2			Taken		20	at	(AM) (PM)	
Well on L	.ine:		Started 1/20	2	0 11 at 2	:30	(AM) PM	Taken		20	at	(AM) (PM)	
			Circle one:		ŀ	OBSERVE	D SURFACE		1 .		Duration of Shut	in 24 Hours	
Static / Dynamic Property	Orif Siz (inch	20	Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	rential Temperature Temperature (P		Wellhead	head Pressure Wellhorov (P_1) or (P_2) (P_w) or		Tubing ad Pressure r (P _r) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							185						
Flow						<u> </u>						<u></u>	
	1		1			FLOW STR	EAM ATTRI	BUTES				 ;	
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	or Temperature		Fa	iation ictor py	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	(Zeouity	
				· · · · · · · · · · · · · · · · · · ·	(OBEN EL	OW) (DELIV	EDADII ITV	CALCUI	ATIONS			<u> </u>	
(P _c) ² =		_:	(P _w) ² =_	:	P _a =	. ,	•	- 14.4) +		:	(P _a) (P _d)	² = 0.207 ² =	
(P _c) ² - (F or (P _c) ² - (F	-	(F	P _c) ² - (P _w) ²	hoose formula 1 or 2 1. $P_c^2 \cdot P_s^2$ 2. $P_c^2 \cdot P_s^2$ vided by: $P_c^2 \cdot P_s$	LOG of formula 1. or 2. and divide	b.s. b.s	Slop	ssure Curve e = 'n" or signed ard Slope	l n x ·	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
											:	,	
Open Flo	w		 -	Mcfd @ 14	.65 psia		Deliverab	ility			/lcfd @ 14.65 ps	ia	
		-	•		, ,		· ·	thorized t	_		t and that he ha	-	
the facts s	tated t	herei	n, and that sai	d report is tru-	e and correc	t. Executed	this the 8	7/	gray of	ecember		, 20 <u>11</u>	
			Witness (if	any)			_		<u>iy</u> s	Force	ompany	REUEIVED	
	•		For Commis	sion			-			Checi	sed by	DEC 2 8 201	

KCC WICHITA

	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
and that the foregoneries to the best of equipment insta	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 allation and/or upon type of completion or upon use being made of the gas well herein named. The est a one-year exemption from open flow testing for the
as well on the gr	ounds that said well:
_	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 12/8/2011	
	Signature: Clery pluson

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 2 8 2011