KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instru	ctions on Rev	erse Side)					
Op	en Flo	w			Test Date:				ADI	No. de				
De	liverat	oilty			rest Date	e :				No. 15 23-20950-0	0-00	•		
Company Noble E		Inc					Lease Zweygar	dt			24-6	Well Nu	mber	
County Cheyenr	ne		Location SE-SW		Section 6		TWP 4S	RNG (V)	Acres Attributed		ttributed	
Field Cherry C	Creek					Reservoir Niobrara			Gas Gathering Connection Southern Star/Kinder Morgan				· · ·	
Completic 2/18/200		te			Plug Back Total Depth 1548'				Packer Set at					
Casing S 7", 4-1/2			Weigh	10.5#	Internal [9-7/8",		Set at 181'	Perforations 1590' 1358'			то 1394'			
Tubing Si 2-3/8"			Weigh 4.7 #		Internal [1.995		Set at 1420		Perfor		То			
Type Con Single (n (D				d Production			Pump Uni Yes	t or Traveling	Plunger? Yes	/ No		
Producing		(Anı	nulus / Tubin	g)		Carbon Diox	xide .		% Nitroge	en	Gas Gr	Gas Gravity - G _g		
Tubing Vertical D	epth(l	1)				Pre	ssure Taps	: !			(Meter I	Run) (Pr	over) Size	
Pressure	Buildu		Shut in 9/6	2	n 11 at 1	2:20	_ (AM) (PM) ⁻	Taken		* 20	at		ΛΛΛ) (PΛΛ)	
Well on L			Started 9/7			.20		•			at			
						OBSERV	ED SURFACE	DATA			Duration of Shut-	, 26	Hours	
Static / Dynamic Property	Orifi Siz (inch	e	Circle one: Meter Prover Presso psig (Pm)		Flowing Well He Temperature t		Casir Wellhead P (P _w) or (P ₁)	g Turessure Wellhear		ibing d Pressure (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In			paig (FHI)	Inches H ₂ 0			psig 160	psia	psig	psia			•	
Flow			***			*******		4						
<u>.</u>			L			FLOW ST	REAM ATTRIE	SUTES	<u></u>		1	.l		
Plate Coeffieci (F _b) (F Mcfd	ient	Pro	Circle one: Meter or ver Pressure psia	Press Extension P _m xh	Grav Fact F _c	tor	Flowing Temperature Factor F _{ft}	Fa	ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
								<u> </u>						
(P _c) ² =		_:	(P _w) ² =	::	(OPEN FLO		VERABILITY)	CALCUL - 14.4) +		· :	(P _a) [;] (P _d) [;]	? = 0.20 ? =)7 	
(P _c) ² - (F or (P _c) ² - (F	P _a) ²	(F) _c) ² - (P _w) ²	Choose formula 1 or 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²		= "n" or gned	n x L	og [Antilog	Op Deli Equals	en Flow verability R x Antilog Mcfd)	
								+						
Open Flov				Mcfd @ 14.	65 psia		Deliverabili	<u>;</u> tv			1cfd @ 14.65 psi	a		
<u> </u>		igned	authority, or			tates that I	··.	-	make the		and that he ha		edge of	
				aid report is true					day of De			ECEÎ		
			Witness (i	f any)		<u> </u>	6	Kl	ryf	For Co			2011	
			For Comm	nission				 	/	Check				
			. 5, 00////							Check	"KCC	WIC	CHITA	

	·	
I declare under pen	alty of perjury under the laws	s of the state of Kansas that I am authorized to request
exempt status under Rul	e K.A.R. 82-3-304 on behalf of	the operator Noble Energy Inc
and that the foregoing p	pressure information and state	ements contained on this application form are true and
correct to the best of my	knowledge and belief based t	upon available production summaries and lease records
of equipment installation	and/or upon type of completic	on or upon use being made of the gas well herein named.
I hereby request a or	ne-year exemption from open	flow testing for the Zweygardt 24-6
gas well on the grounds)
(Check one)	•	
is a c	oalbed methane producer	
is cyc	cled on plunger lift due to wate	er
is a s	ource of natural gas for injecti	ion into an oil reservoir undergoing ER
is on	vacuum at the present time; K	CC approval Docket No.
✓ is not	capable of producing at a da	illy rate in excess of 250 mcf/D
I further agree to sup	oply to the best of my ability a	any and all supporting documents deemed by Commission
staff as necessary to con	rroborate this claim for exemp	otion from testing.
	•	
Date: 12/8/2011		
<u> </u>		•
		*
	Signature:	Chery Johnson
	Signature: _	Chery Johnson
		Checy Johnson Regulatory Analyst II
		Checyl Johnson Regulatory Analyst II

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 KCC WICHITA