KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Form G-2 (Rev. 7/03)

Type Test	:					(See Ins	structi	ions on Re	verse Side))			7	7	
Open Flow Deliverabilty				Test Dat	te:		(15)								
		ыцу								15	-023-21053	-000D		63	
Noble E		jy Ir	ic.					Lease Zweyga	ardt			14-6	Well N	lumber	
County Location Cheyenne E2-SW-SW-SW				Section 6				TWP 4S		RNG (E/W) 41W		Acres Attributed			
Field Cherry Creek				Reservoir Niobrara				Gas Gathering Connection Southern Star/Kinder Morgan				RECEIVED			
Completion Date 7/30/2008				Plug Bar 1614'	Plug Back Total Depth				Packer Set at				DEC 05 201		
Casing Size Weight 7", 4-1/2" 17#, 10.5#				Internal	Internal Diameter 9-7/8", 6-1/4"			Set at 230', 1657'		orations 12'	To 1460	, KC	RECEIVED DEC 0 5 201 C WICHIT		
Tubing Size			Weigl	Internal	Internal Diameter			Set at		orations	To		1/1/		
2-3/8"	nplotio	- (D	4.7#		1.995	id Drod		141	3	- D 1	luis ou Tuorention	- Diverse 2 - V-	- / 1		
Type Completion (Describe) Single (gas)				Type Fluid Production saltwater				yes	Init or Traveling	s / No					
Producing tubing	g Thru	(Anı	iulus / Tubin	g)	% (% Carbon Dioxide				% Nitrogen Gas (Gravity - G ₉		
Vertical D	epth(F	1)					Press	sure Taps	~ ~ \\			(Mete	er Run) (I	Prover) Size	
				•											
Pressure	Buildu		Shut in 6/2		20 12 at 1			(AM) (PM)	Taken		20	at		(AM) (PM)	
Well on L	ine:	:	Started 6/2	27	20 12 at 1	11:00		(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSE	RVE	D SURFAC	E DATA	·····		Duration of Sh	ut-in 25	Hours	
Static /	Oynamic Size Property (inches)		Circle one: Meter	Pressure Differentia	, Flowing	Well H		Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration		Liquid Produced	
Dynamic Property			Prover Pressure in psig (Pm) Inches H ₂ 0		Temperature	Temperature Temperatu		(P _w) or (P _t) or (P _c)		(P _w) or (P _t) or (P _c)		(Hours)		(Barrels)	
Shut-In			F5 (· ···/					psig 114	psia	psig	psia				
Flow															
				1.		FLOW	STR	EAM ATTR	RIBUTES	<u> </u>		I			
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Fai	avity ctor	Т	Flowing emperature Factor F _{II}	Fa	viation actor = pv	Metered Flo R (Mcfd)	w GO (Cubic Barr	Feet/	Flowing Fluid Gravity G _m	
]		·						
(D \2 -			/D \2 -	_	•				/) CALCUL				$(a_n)^2 = 0.$	207	
(P _c) ² =				Choose formula 1 o			<u> </u>	T	P _c - 14.4) +		Г ¬	I (F	P _d) ² =	Daga Flaur	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_g)^2$		(P _c) ² - (P _w) ²		 P_c² - P_a² P_c² - P_d² divided by: P_c² - I 	LOG of formula 1, or 2, and divide by:	P _c ² - P	2	Slope = "n"or		n x LOG		Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	l w			Mcfd @ 1	4.65 psia	-		Deliverat	bility			Mcfd @ 14.65 i	psia	<u></u>	
The	unders	igned	l authority, o	on behalf of th	e Company,	states th	nat he	e is duly a	uthorized t	o make t	the above rep	ort and that he		wledge of	
the facts s	tated t	herei	n, and that s	aid report is tr	ue and corre	ct. Exec	cuted	this the 3	0	day of _	November			20 12	
			Witness	(if any)		· - · · · · · · · · · · · · · · · · · ·		-			For	Company			
			For Comr	nission			_	·-			Che	cked 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.
and that correct t of equips I her	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. The reby request a one-year exemption from open flow testing for the Zweygardt 14-6 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 ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
	1/30/2012
	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.