KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test				1	See Instruc	tions on Re	versa Side	⊋)				
_	en Flow diverabil			Test Date	ə .				No. 15	0.00		
Company			~			Lease		15-	023-21055-0		Vell Number	
Noble E		nc	·			Zimbelr	man			44-6	Act Manne.	
County Location Cheyenne W2-SW-SE-Se			Section 6		TWP 4S	RNG (I 41W		W}	,	Acres Attributed		
Field Cherry Creek			Reservoi Niobrar			Gas Gathering Connection Southern Star/Kinder Morgan						
Completio B/19/200				Plug Bac 1565'	k Total Dep	ih		Packer S	Set al			
Casing S 7, 4-1/2"			Weight 17#, 11.6#		Internal Diameter 9-7/8", 6-1/4"		Set at 254', 1607'		rations 6'	то 1442'		
Tubing Size Weight 2-3/8" 4.7#				Internal I 1.991	Diameter	Set	a!	Perforations		То		
Type Completion (Describe) Single (gas)				Type Fluid Production Saltwater			Pump Unit or Traveling Plu Yes			Plunger? Yes	unger? Yes / No	
Producing Thru (Annulus / Tubing) Tubing				% Carbon Dioxide			~	% Nitrog	en	Gas Gravity - G		
/ertical C	Pepth(H)				Pres	ssure Taps				(Meter F	Run) (Prover) Size	
Pressure	Buildup	Shut in 2/2	22		0:20	(ÁM) (PM)	Taken		20	al al	(AM) (DM)	
Well on L	,		2/23 ₂₀ 11 _{at} 10:20			~	PM) Taken 20					
	-				OBSERVE	ED SURFAC	E DATA			Duration of Shut-	in 24 Hours	
Static / Dynamic Property	Orific estR entoni)	Meter Prover Pres	Differential sura in	Flowing Temperature t	Well Head Temperature	Wellhead (P _w) or (f	sing Pressure P,) or (P,)	Tubing Wellhead Pressure (P _w) or (P _r) or (P _c)		Duration (Hours)	Líquid Produced (Barrels)	
Shut-In						200	psia	ps _i -;	DSIA			
Flow												
	1	 	1		FLOW STE	REAM ATTE	RIBUTES					
Plate Coefficient (F _p) (F _p) Mcfd		Circa one: Meter or Prover Pressura psia	Press Extension ✓ P _π x h	xtension Factor		Flowing Temperature Factor F ₁₁	Fa	viation actor F _p	Matered Flov R (Mcfd)	(Cutic Fe Barret)	Crowline	
		- , : <u>-</u> , , - ,	<u> </u>									
); =		: (P _n) ²	.	(OPEN FL P _u =	OW) (DELIV		/) CALCUI P _a - 14.4) +			(P _a) (P _a)	= 0.207	
$(P_{\underline{a}})^2 - (P_{\underline{a}})^2$ or $(P_{\underline{a}})^2 - (P_{\underline{a}})^2$		(P_)*- (P_)*	1. P2-P2 2. P2-P2 arrided by: P2-P2	to perform to 1 to		Backpressure Curve Slope = "n"oror Assigned Standard Slope				Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			•	1	~"	1			<u></u>			
open Flo			Mcfd ② 14.		·	Deliverat	<u> </u>			Mcfd @ 14.65 ps		
			on behalf of the said report is tru						ne above repo December	rt and that he ha	as knowledge of	
o 10013 3	inien kii	prom, and that :	odio repuit la IIII	and correc	LAGUUIEC	. ans are <u>-</u>	<u>مر</u>	ساها المالي المالية المالية المالية	6 3	1	RECEIVE	
		Witness	(if any)	•				1	For C	Company	FEB 0 1 2	
		For Con	mission						Che	cked by		

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request or notice Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
and that the for	egoing pressure information and statements contained on this application form are true and
correct to the be	st of my knowledge and belief based upon available production summaries and lease records
of equipment ins	tallation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby req	uest a one-year exemption from open flow testing for the Zimbelman 44-6
gas well on the	grounds that said well:
I further agr	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 ee to supply to the best of my ability any and all supporting documents deemed by Commissionary to corroborate this claim for exemption from testing.
	Signature: Acy Acy Analyst 11

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.

RECEIVED

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 JAN 1 7 2012 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 KCC WICHITADecember 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be RECEIVED signed and dated on the front side as though it was a verified report of annual test results.

FEB 0 1 2012

KCC WICHITA