KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:			(See Instruct	ions on Reve	erse Side)				
□ o	pen Flow			-								
	ellverabilt	ty		Test Date) :				No. 15 023-20847-0	0-00		
Compan Noble E		nc				Lease Zimbelm	an				Vell Nur	nber
County Cheyen	ne	Locati SW-NE		Section 31		TWP 3S		RNG (E 41W	/W)	<i>A</i>	Acres A	ttributed
Field Cherry (Creek			Reservoir Niobrara		-			thering Conne ern Star/Kinde			
Completi 2/4/2008				Plug Bac 1694'	k Total Dept	h		Packer S	Set at			
Casing S 7, 4-1/2		Weigh 17#, 1		Internal [9-7/8",		Set at 311',	1737'	Perfo 150	rations 6'	To 1544'		
Tubing S 2-3/8"	Size	Weigh 4.7#	t	Internal D 1,995	Diameter	Set at 1571		Perfo	orations	То		
Type Cor Single		(Describe)		Type Flui Saltwa	d Production	1		Pump U	nit or Traveling	Plunger? Yes	/ No	
Producin Tubing	-	Annulus / Tubing	3)	% C	arbon Dioxi	de	<u>_</u>	% Nitrog	jen	Gas Gra	avity - G	i ₀
Vertical D					Pres	sure Taps				(Meter F	Run) (Pr	over) Size
Pressure	Buildup:	Shut in _3/1	20	0 11 at 1	1:00	(PM)	Taken		20	at		AM) /DM)
Well on L	_ine:	Started 3/2		11 at 2	:40	_				at		•
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in_27.	5 Hours
Static / Oynamic Property	Orifice Size (Inches	Meter Prover Pressu	Pressure Differential in Inches H ₂ 0	Flowing Temperature I	Well Head Temperature t	Casir Wellhead P (P ₌) or (P ₁)	ressure or (P _c)	Wellho	Tubing ead Pressure or (P,) or (P,	Duration (Hours)	1 '	l Produced Barrels)
Shut-In		1 239 (1.11)	1 11165 1120			psig 104	psia	psig	psia			
Flow												
			-		FLOW STR	EAM ATTRII	BUTES		, 			
Plate Coeffied (F _b) (F Moto	cient ,)	Circle one: Meter or Prover Pressure psia	Press Extension P_x h	Grav Faci F	tor T	Flowing emperature Factor F _{it}	Fa	iation actor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G_
							<u> </u>					
(P _e) ² =		: (P_)² =		(OPEN FL		ERABILITY)		.ATIONS · 14.4 = _			² = 0.2	07
	T		Choose formula 1 or 2:			T	sure Curve	-			<u>, </u>	
(P _e) ² · (or (P _e) ² · ((P _a) ² - (P _a) ²	1. P. 2 - P. 2 2. P. 2 - P. 2 awdset by: P. 2 - P. 2	LOG of formula 1, or 2, and divide by:	P.2 · P.2	Slope	= "n" or gned rd Slope	1	LOG	Antilog	Oell Equals	en Flow verability R × Antilog Mcfd
				<u> </u>			····-					
				<u> </u>		<u> </u>						
Open Flo	w		Mcfd @ 14.6	35 psia		Deliverabil	ity			Mcfd @ 14.65 psi	a	
									he above repo December	rt and that he ha		_
and raided 5		erein, and that sa	na report is true	and correc	RECEI		Ch.	day of <u> </u>	O BI		· [;]	20 11 .
		Witness (if	any)				<u></u>	The	For C	ompany		
		For Commi	ission		JAN 1	ZU1Z			Chec	ked by		

KCC WICHITA

I de	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	the foregoing pressure information and statements contained on this application form are true and							
	o 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.							
	reby request a one-year exemption from open flow testing for the Zimbelman 32-31							
	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							
1 6								
	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission							
Stall as	necessary to corroborate this claim for exemption from testing.							
_ 4	300,0044							
Date: _1	2/28/2011							
Date: <u>1</u> 2	2/28/2011							
Date: <u>1</u>	2/28/2011							
Date: <u>1</u> 2								
Date: <u>1</u>	Signature: Lengt John							
Date: <u>1:</u>								

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.

RECEIVED

JAN 1 7 2012

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