KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:			((See instruc	tions on Rev	erse Side)			
	pen Flov aliverabi			Test Date	e :				No. 15 023-21007-0	0-00	
Company Noble Energy Inc				Lease Rueb Farm						Well Number 32-15B	
County Cheyenne			Location NW-NW-SW-NE		Section 15		TWP 3S		W)	Acres Attributed	
Field Cherry (Creek			Reservoir Niobrara					nering Conne Morgan	ction	
Completion Date 6/4/2008			Plug Bac 1694'	k Total Dep	th	1		et at			
Casing S 7", 4-1/2		Wei 17#	ght , 11.6#	Internal Diameter 9-7/8", 6-1/4"		Set at 339', 1723'		Perforations 1520'		то 1556'	
Tubing S 2-3/8"	Size	Wei 4.7		Internal Diameter 1.995		Set at		Perforations		То	
Type Completion (Describe) Single (gas)				Type Fluid Production Saltwater				Pump Unit or Traveling Plunger? Yes / No Yes			
Producin Tubing	-	(Annulus / Tub	ing)	% Carbon Dioxid		de		% Nitrogen		Gas Gravity - G	
Vertical ()	· · · · · · · · · · · · · · · · · · ·		Pres	ssure Taps			<u></u>	(Meter F	Run) (Prover) Size
Pressure	Buildup	o: Shut in	-19 2	0 11 at 1	1:54	(AM) (PM)	Taken		20	at	(AM) (PM)
Well on Line:		Started 1	20 2	o 11 at 2	:47	_					(AM) (PM)
	,				OBSERVE	ED SURFACE	DATA			Duration of Shut-	in 26.53 Hour
Static / Orifice Oynamic Size Property (Inches		Meter	Differential In	Flowing Temperature t	Well Head Temperature t	Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₄)		Ouration (Hours)	Liquid Produced (Barrels)
Shut-In				<u> </u>	<u> </u>	105	psia	psig	D\$18		<u> </u>
Flow											
				.,	FLOW STE	REAM ATTR	BUTES				
Plate Coefficient (F _b) (F _p) Mctd		Circle one: Meter of Prover Pressure psia	er or Extension		Gravity Factor F _g		Deviation Factor F _p ,		Metered Flow R (Mc(d)	GOR (Cubic Fe Barrel)	Genuitu
			_!	(OPEN FL	OW) (DELIV	/ERABILITY) CALCUI	ATIONS	<u> </u>	(8.1)2 = 0.207
(P _e) ² =		_: (P_)		P _d =		% (F) - 14.4) +	14.4 =	:)2 =
$(P_q)^2 - (P_u)^2$ or $(P_u)^2 - (P_q)^2$		(P _e) ² - (P _w) ²	1. P _a ² -P _a ² 2. P _a ² -P _a ² alvided by: P _a ² -P _a	P ² . P ² LOG of formuta P ² . P ² 1. or 2, and divide		Backpressure Curv Slope = "n" 0r Assigned Standard Slope		n x LOG		Antilog .	Open Flow Deliverability Equals R x Antilog (Mcfd)
······································			1	-		-	-				
Open Flo	ow .		Mcfd @ 14.	.65 psia		Deliverab	ility			Mcfd @ 14.65 ps	lia .
The	undersi	gned authority,			states that I			to make th		ort and that he ha	
			said report is true			d this the _2			ecember	1 100	, 20 11
	·	Witnes	s (if any)	· · · · · · · · · · · · · · · · · · ·	JAN 1			very	FOIC	Company	
		Far Co	mmission			-			Chec	cked by	
				17(CC WI	CHITA					

١d	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request								
	t status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc								
and th	at the foregoing pressure information and statements contained on this application form are true and								
correc	t to the best of my knowledge and belief based upon available production summaries and lease records								
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.									
lh	ereby request a one-year exemption from open flow testing for the Rueb Farm 32-15B								
gas we	ell 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								
l fu	urther agree to supply to the best of my ability any and all supporting documents deemed by Commission								
staff a	s necessary to corroborate this claim for exemption from testing.								
Date: _	12/27/2011								
	4								
	Signature: Chery Colins								
	Title: 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.

JAN 1 7 2012 KCC WICHITA