KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instru	ctions on Rev	erse Side))					
_	en Flo				Test Date) :			API	No. 15				
De	liverab	ilty								23-20749-0	0-00			
Company Noble Er		Inc					Lease Rueb Fa	arm			14-15	Well N	ımber	
County Location Cheyenne SW-SW-SW				Section 15			TWP 3S		RNG (E/W) 42W		Acres Attributed			
Field Cherry Creek				Reservoi Niobrara			•	Gas Gath Kinder I	nering Conne Morgan	ection				
Completion Date 1/22/2008				Plug Bac 1692'	k Total De	pth		Packer Set at						
Casing Size Weight 7", 4-1/2" 20#, 10.5#				Internal (9-7/8",			Set at 307', 1735'		Perforations 1516'		то 1552'			
Tubing Size We			Weigl 4.7#		Internal (Internal Diameter 1.995		Set at		Perforations		То		
Type Completion (Describe) Single (gas)				Type Flui	Type Fluid Production Saltwater			Pump Unit or Traveling Plunger? (e) / No Yes Rod Pump						
Producing Thru (Annulus / Tubing)					% Carbon Dioxide			% Nitrogen Gas Gravity - G _g						
Tubing Vertical Depth(H)					Pressure Taps				(Meter Run) (Prover) Size					
Pressure	Buildu	o.	Shut in10	/23	13 _{at} 1	2:30	(AM) (PM)	Taken		20	at		(AM) (PM)	
Pressure Buildup: Shut in			13 at 1	12 12:20			20 at (AM) (PM)							
						OBSERV	ED SURFACE	E DATA			Duration of Shut	-in_24	Hours	
Static / Dynamic Property	Orifice Size (inches)		Circle one: Meter Prover Press psig (Pm)		lemperature tempera		rature Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure $(P_w) \text{ or } (P_1) \text{ or } (P_c)$		Duration (Hours)	Liqu	Liquid Produced (Barrels)	
Shut-In			paig (i iii)	menes 11 ₂ 0			160	psia	psig	psia		1		
Flow														
	\		<u> </u>			FLOW ST	TREAM ATTR	IBUTES						
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Extension Fac		* Tomografius		Deviation Meter Factor F _{pv} (N		GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G	
	1				(OPEN FL	OW) (DEL	IVERABILITY	CALCUI	ATIONS		(D.		007	
P _c)² =		_:	(P _w) ² =		P _a =		,	, - 14.4) -		 :) ² = 0.2	207	
$(P_c)^2 - (P_u)^2$ or $(P_c)^2 - (P_u)^2$		(P _c) ² - (P _w) ²		1. P _c ² -P _s ² 2. P _c ² -P _d ² divided by: P _c ² -P _c	1. P _c ² -P _a ² LOG of formula 2. P _c ² -P _d ² 1, or 2. and divide		Slop Ass	Backpressure Curve Slope = "n" or Assigned Standard Slope		.og []	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	<u> </u> w			Mcfd @ 14	.65 psia		Deliverab	ility			Mcfd @ 14.65 ps	 sia		
The i	unders	-	•		•		•			· ·	rt and that he h		_	
ne facts s	tated t	here	in, and that s	said report is tru	e and correc	t. Execute	ed this the 20	<u> </u>	day of _D		K		20 <u>13</u>	
			Witness	(if any)						For C	ompany		3 1 2013	
			For Com	mission			-			Chec	ked by	UEU	J (ZUI)	
												RE	CEIVE	

	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
	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.
	eby request a one-year exemption from open flow testing for the Rueb Farm 14-15
	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
	To not supulse of producing at a saily rate in shoots of 250 mov2
l fur	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as	necessary to corroborate this claim for exemption from testing.
D-4 1	2/26/2013
Date: •	
Date:t	
Date: <u> </u>	
Date: <u>·</u>	
∪ate: <u>- </u>	Signature:

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. **KCC WICHITA**