KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	ions on Rev	erse Side)					
	en Flo liverab				Test Date):				No. 15 023-21205-0	00-00			
Company Noble E		Inc					Lease Keller Fa	arms				Vell Number		
County Cheyenne			Location N2-NW-SE-SW		Section 7		TWP 2S		RNG (E/W)		Acres Attributed		ted	
Field Cherry (<u> </u>	Reservoir Niobrara					hering Conne rn Star	ection			
Completion 1/21/200	on Date	9			Plug Bac 1393'	k Total Dept	h		Packer S	Set at				
Casing Size 7", 4-1/2"			Weigt 17#,		Internal Diameter 9-7/8", 6-1/4"		Set at 164', 1438'		Perforations 1232'		то 1272'			
Tubing Size 2-3/8"			Weigh 4.7#	t	Internal Diameter 1.995			Set at 1285'		rations	То	То		
Type Cor Single (ı (De	scribe)		Type Flui Saltwa	d Production ter	1		Pump Ui yes	nit or Traveling	Plunger? Yes	/ No		
Producing	g Thru	(Ann	ulus / Tubin	3)	% C	arbon Dioxid	de		% Nitrog	en	Gas Gra	ıvity - G _g		
Vertical E	epth(H)		·		Press	sure Taps				(Meter F	lun) (Prover)	Size	
								Taken	· · · · · · · · · · · · · · · · · · ·	20	at	(AM) (PM)	
Well on L	.ine:	S	Started 5/1	0 2	0 11 at 2	:00	(AM) PM	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-i	_n _25	Hours	
Static / Dynamic Property	Orific Size (inche		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casi Wellhead I (P _±) or (P ₁	Pressure	Wellhe	Tubing ad Pressure r (P ₁) or (P _c)	Ouration (Hours)	, ,	id Produced (Barrels)	
Shut-In				•			130	роли	porg	pole		ì		
Flow						51 OW 070		D. 1750						
	Т		Circle one:		1	FLOW SIR	EAM ATTRI	BUIES	1		<u> </u>	I _		
Plate Coeffiec (F _b) (F Mcfd	ient ,)	1	Meter or ver Pressure psia	Press Extension Pmxh	xtension Factor Temperature Factor R		Metered Flow R (Mcfd)	(Cubic Feet/ Gri		wing uid avity 3_				
				ļ	100000									
(P _c)² =		<u>.</u> :	(P _w) ² =	:	OPEN FL	OW) (DELIVI	•	CALCUL - 14.4) +		<u></u> :	(P _a) ² (P _d) ²	= 0.207 =	<u>-</u>	
(P _e) ² - (I		(P	_)² - (P)²	Choose formula 1 or 2 1. P _a ² · P _a ² 2. P _a ² · P _a ² atvided by: P _a ² - P _a ²	LOG of formula 1. or 2, and divide	P ₂ ·P ₂	Stop	ssure Curve e = "n" or signed ard Slope	n x	roe	Antilog	Open Flo Deliverab Equals R x / (Mcfd)	ility Antilog	
Open Flo	<u> </u>			Motel @ 14	es pois		Deliverabi	111000			hanid @ 14 CE poi			
		aned	authority. o	Mcfd @ 14.	•	states that he			o make th		Mcfd @ 14.65 psia		of .	
		-	-	aid report is true			-			ovember		, 20 _1		
			Witness (i	(any)				<u>OK</u>	erij	K/by	Company	RECEIV	ED	
			Ear Came				_		_//_	/-		EC 13	2011	

	declare under penalty of perjury under the laws of the state of Kansas that I am authorized to reques of status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
	nat the foregoing pressure information and statements contained on this application form are true an
orrec	ct to the best of my knowledge and belief based upon available production summaries and lease record
of equ	ipment installation and/or upon type of completion or upon use being made of the gas well herein named
H	nereby request a one-year exemption from open flow testing for the Keller Farms 24-7
	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 f	urther agree to supply to the best of my ability any and all supporting documents deemed by Commiss
taff a	is necessary to corroborate this claim for exemption from testing.
Date:	11/18/2011
	01.6126
	Signature: Ley Jokoon
	Title: Regulatory 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.

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

DEC 13 2011