KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				6	See Instruct	tions on Reve	rse Side	9)						
□ Ор	en Flo	w			Test Date				A DL A	la 16					
De	liverab	ilty			Tost Date	'·				lo. 15 23-21009-01	D-00				
Company Noble Er		Inc					Lease Rueb Far	m				w 11-15B	ell Num	ber	
County Cheyenne			Location E2-NE-NW-NW		Section 15		TWP 3S		RNG (E/W) 42W			Acres Attributed			
Field Cherry C	Creek				Reservoir Niobrara				Gas Gath Kinder M	ering Conne lorgan	ction				
Completion 6/3/2008		е			Plug Bac 1669'	k Total Dept	th		Packer Se	t at					
Casing Size 7", 4-1/2"			Weig 17#,	ht 11.6#	Internal Diameter 9-7/8", 6-1/4"		Set at 334', 1712'		Perfora		To 1574'				
Tubing Size 2-3/8"			Weig 4.7#	ht	Internal Diameter 1.995		Set at 1589'		Perfora		То				
Type Con Single (n (Di	escribe)		Type Flui Saltwa	d Production ter	n		Pump Uni Yes	t or Traveling	Plunger?	Yes /	No		
Producing	g Thru	(An	rulus / Tubin	(9)	% C	arbon Dioxi	de		% Nitroge	n	-	Gas Gra	vity - G		
Vertical C	Depth(H	1)				Pres	sure Taps	_		<u>[,]</u>	((Meter R	un) (Pro	ver) Size	
Pressure	Buildu	p:	Shut in	17 2	0 11 at 1	1:30	(AM) (PM) 1	aken		20 .	at		(A	.M) (PM)	
Well on L	ine:		Started 2/1	8 2	0 11 at 1	:40	(AM) (PM) 1	aken		20	at _	 -	(A	M) (PM)	
						OBSERVE	D SURFACE	DATA			Duration (of Shut-ir	27	Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Press		Flowing Temperature t	Well Head Temperature t	Wallhard Droceure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _e)		Durat	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			psig 102	psla	psig	psia				<u> </u>	
Flow			,												
						FĽOW STF	REAM ATTRIE	UTES	•						
Plate Coefflecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psla		Press Extension	Grav Fac F	tor	Yamaasakssa		viation actor F _{gv}	Metered Flow R (Mcid)		GOR (Cubic Feel Barrel)		Flowing Fluid Gravity G _a	
			. <u>.</u>	<u> </u>		l		<u></u>				<u>. </u>			
(P _e) ³ =		_:	(P ₄) ² :	=:	(OPEN FL		/ERABILITY) % (P		LATIONS + 14.4 =	:		(P _a) ² (P _d) ²	= 0.20	7	
(P _e) ² -(or (P _e) ² -(•	(F	5")s - (b")s	1. P _c ² -P _c ² 2. P _c ² -P _c ² divided by: P _c ² -P _c	LOG of formula 1, or 2, and divide	P.2. P.2	Assi	sure Curv = "n" or gned rd Slope	n x t	og []	Antii		Ope Deliv Equals	en Flow rerability R x Antilog Mcfd)	
_	_				-										
Open Flo)w	l,		Mcfd @ 14	.65 psia		Deliverabil	ity			Mcfd @ 1	4.65 psl	a		
The	unders	signe	d authority,	on behalf of the	Company,	states that h	ne is duly aut	horized	to make th	e above repo	rt and th	at he ha	s knowl	edge of	
the facts s	stated	lhere	in, and that :	said report is true	e and correc	RÉCEN	this the 27		day of D	ecember	1 /		, 2	0 11 .	
			Witness			AN 17		<u> </u>	Keny	For	Company	<u> </u>	~	<u>. </u>	
			For Corn	mission		C WIC			<i>V</i>	Che	cked by				
					170	V VVIU	ハコロト								

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
	ler Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
	poing pressure information and statements contained on this application form are true and
	of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby requ	est a one-year exemption from open flow testing for the Rueb Farm 11-15B
gas well on the gr	ounds that said well:
	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 supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
	Signature: <u>Clayson</u> 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.

RECEIVED

JAN 1 7 2012

KCC WICHITA

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.