KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	ι;					(See Instruc	ctions on Re	verse Side	1)					
□ Ор	en Flo	w				Test Date				4.5					
De	liverat	oilty				iesi Daie	2:				No. 15 023-21092-0	0-00			
Company	,	_						Lease					Well	Number	
Noble Energy Inc				Rueb Farm						Well Number 34-15B					
·			Section		TWP			/W)		Acres Attributed					
Cheyenr	10		SW-N	E-\$W-5	E	15	·	3S		42W	·				
Field Cherry C	rook					Reservoir Niobrara				_	thering Conne	ction			
Completio							k Total Der	vib.	, , ,	Packer	Morgan				
9/9/2008						1595'	. 10121 001	241 1		racker,	Jet at				
Casing Size Weight			Internal (Set a	Set at Perforation		prations	т	<u> </u>					
7", 4-1/2" 17#, 11.6#			9-7/8",	6-1/4"	304	304, 1637'		6'	1	1524'					
Tubing Size 2-3/8"			Weig 4.7#				Diameter	Set a	at .	Perforations			Õ		
Type Con		n (D	escribe)				d Productio	on			nit or Traveling	Plunger?	Yes / No		
Single (14-	nulus / Tubir			Saltwa		1.		Yes					
Tubing) inru	(Ani	TUIUS / TUDIS	ig)		% C	arbon Diox	dae		% Nitro	jen	G	Sas Gravity	· G,	
Vertical D	eoth(F	- i)				- *	Pres	ssure Taps					Mates Circl	(Prover) Size	
		,					. 10.	Source Taps				()	vieter Hun)	(Prover) Size	
	5 04		Shut in	14		0 11 at 1	1:35					· · · - · · · - · - · - · - · · - ·			
Pressure	Builda							. (AM) (PM)	Taken		20	at		_ (AM) (PM)	
Well on L	ine:		Started 4/1	Ь	2	0 11 at 8	.35	. (AM) (PM)	Taken		20	at		_ (AM) (PM)	
		_												<u> </u>	
 1			Circle one:	- B.	.004450		OBSERVI	ED SURFAC				Duration o	f Shut-in _4	5 Hours	
Static / Dynamic	Orifi Siz		Mater	Diff	Pressure Differential	Flowing Temperature	Well Head Temperature	Wallhaad	Casing Wellhead Pressure		Tubing Wellhead Pressure		on Li	Liquid Produced	
Property	(inches)		Prover Press psig (Pm)	4	in Inches H ₂ 0	temperature t	((P _m) or (P ₁) or (P _c)		(P_w) or (P_i) or (P_a)		(Houn		(Barrels)	
Shut-In			, , , , , , , , , , , , , , , , , , ,	-			<u> </u>	psig	psia	DSig	OSIA				
Gridi-in				-				91	_	<u> </u>					
Flow															
	·						FLOW ST	REAM ATTR	IBUTES						
Plate			Circle one:	Р	185	Grav	rity	Flowing	Des	riation	Metered Flow	.	GOR	Flowing	
Coeffiecient (F _a) (F _a)		Pro	Meter or Prover Pressure		nsion	Fac	tor	Temperature Factor	F	actor	A B	4	ubic Feet/	Fluid	
Mold			psia	1	P ₊ xh	F,	'	F _i ,	'	Pov	(Mcfd)		Barrei)	Gravity G_	
									<u> </u>				<u> </u>		
	!			1											
40.15								VERABILITY					$(P_a)^2 =$	0.207	
(P _e) ² =		_:	(P ₄) ² :	Chaose for	:	P _a =		.% (1	- 14.4) +	14.4 = _	 :		(P _a) ² =		
(P _c)*- (I	P.)2	(F)1 · (P_)2		2- P.3	LOG of			issure Curvi pe = "n"		[]			Open Flow	
or (P _e) ² - (1	P)2			2. P	z. p _. z	tormuta 1, or 2. and divide		1	- or- · · · · · · · · signed	- " ×	LOG	Antila		Deliverability sals R x Antilog	
(, ,	d'			alvided by:	P. 1 - P.	2 by:	P. 2 . P. 2		lard Slope					(Mcfd)	
						1	· · · · · · · · · · · · · · · · · · ·								
								٠.		<u> </u>					
Open Flor	w			Mcf	0 14.	65 psia		Deliveral	oility			Mcfd @ 14	.65 psia		
The i	unders	igne	d authority, o	on behal	of the	Company,	states that	he is duly a	uthorized	to make t	the above repo	rt and tha	t he has kr	owledge of	
									7		December			. 20 11	
			in, and that s				KECE	IVED"			1) /	7		. , 20	
							JAN 1	7 2042	CK	lu	IN /16	2	Low		
			Witness	(if any)			JWIA 1	1 2012	-	1	/ For C	ompany			
			For Com	mustion		V	<u> </u>	CHITA			Che	ked by			
						N	UU VVI					,			

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator_Noble Energy Inc
and that the fo	best of my knowledge and belief based upon available production summaries and lease records
of equipment i	nstallation and/or upon type of completion or upon use being made of the gas well herein named. equest a one-year exemption from open flow testing for the Rueb Farm 34-158
	e grounds that said well:
(Ch [[[[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
	gree to supply to the best of my ability any and all supporting documents deemed by Commission sary to corroborate this claim for exemption from testing.
Date: 12/27/2	2011
	Signature: Cheyl Johnson
	Title: Regulatory Analyst Al

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

KCC WICHITA