KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				,	(See Instruc	tions on Rev	erse Sid	e)				
_	oen Flo eliveral				Test Date	e:				I No. 15 5 -023-207 7	2-00-00		
Company Noble		gy,	Inc.				Lease Rueb F	arm	•		41-1	Well N	umber
County Cheyenne			Location NE-NE		Section 16		TWP 3S		RNG (E	E/W)		Acres	Attributed
Field Cherry	Cre	ek N	liobrara g	as area	Reservoi Niobra					thering Conr creek via A			
Completion 8/27/20		te			Plug Bac 1706'	k Total Dep	th		Packer n/a	Set at			
Casing Size 7", 4-1/2"			Weigh 17#,		Internal Diameter 9-1/4", 6-1/4"		Set at 301' , 1746 '		Perforations 15		то 5 30' 156 4		
Tubing Sin/a	ize	-	Weigh	t	Internal I	Diameter	Set at		Perfo	orations	То		
Type Con Single (•		escribe)		Type Flui Saltwa	d Production	n		Pump U	nit or Travelin	g Plunger? Ye oWing	s / No	
•	-	(Anı	nulus / Tubin	3)	% C	arbon Dioxi	ide		% Nitro	gen	Gas (Gravity -	G _g
Annulus Vertical D		H)				Pres	sure Taps				(Mete	r Run) (F	Prover) Size
											•		
Pressure		•	Shut in	1201 :	20 08 at 1	0:45	(PM)	Taken		20	at		(AM) (PM)
Well on L	ine:		Started		0 08 at 1	1:00	(PM)	Taken		20	at		(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shu	ıt-in <u>a</u>	4_Hours
Static / Dynamic	Orif Siz		Circle one: Meter	Pressure Differential	Flowing Temperature	Well Head Temperature	Casir Wellhead P	ressure	Wellhe	Tubing ead Pressure	Duration		
Property	(inch	ies)	Prover Pressu psig (Pm)	in Inches H ₂ 0	t	t	(P _w) or (P ₁)	psia	(P _w) o	r (P _t) or (P _c)	(Hours)	,	Barrels)
Shut-In							192						
Flow													
						FLOW STR	EAM ATTRIE	BUTES			1	_ L	
Coeffieci	Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m x h	Grav Fact F ₀	or T	Flowing Femperature Factor F ₁₁	Fa	ation Metered Flow stor R (Mcfd)		w GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m
L.													
					•	OW) (DELIV	ERABILITY)					_a) ² = 0.2	207
(P _c) ² =		_:_	(P _w) ² =	: Choose formula 1 or 2	P _a = .		Τ	- 14.4) +		:	(P,	₃) ² =	
(P _c) ² - (F		(P	c)2- (P _w)2	1. P _c ² -P _s ²	LOG of formula		Backpress Slope	= "n"	n v	LOG	A - A11		oen Flow iverability
or (P _c) ² - (F	o ⁴) ₅			2. P _c ² -P _d ² Hivided by: P _c ² -P _w	1. or 2. and divide by:	P.s. P.s	Assign Standar				Antilog	1 '	R x Antilog (Mcfd)
Open Flow	•			Motel @ 14	65 pain		Delivershill				Nation 2 11 CF	-:-	
Open Flov		•		Mcfd @ 14.			Deliverabili				Mcfd @ 14.65 p		
				behalf of the			າ າ	nd	o make the	ne above repo	rt and that he h		ledge of 20 <i>09</i>
			Witness (if	any)		KANSASC	RECEIVE ORPORATION	ED Commiş	JUV.	pyll For C	Bland Company	IT	
			For Comm	ssion		 M	IAR 062	<u> </u>		Chec	ked by		

CONSERVATIONDWISION

	elare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc.
and that	the foregoing pressure information and statements contained on this application form are true and
correct to	the best of my knowledge and belief based upon available production summaries and lease records
	nent installation and/or upon type of completion or upon use being made of the gas well herein named. aby request a one-year exemption from open flow testing for the Rueb 41-16
	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 furt	her agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as r	necessary to corroborate this claim for exemption from testing.
Date:	3/2/09
	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.