KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test						(See Instruc	tions on Re	verse Side)				
=	en Flov Ilverabl					Test Date	1:				No. 15 023-21230-0	0-00		
Company	, Energ	v li	nc					Lease Wiese			20 21200 0		Well Number	_
Noble Energy, Inc. County Location Cheyenne NE-NE-SW-SE				Section		TWP 4S	TWP F		RNG (EW)		Acres Attributed			
Field				5 Reservoir	,	45		41W Gas Gathering Connecti			ion			
Cherry C			rara Gas A	Area		Niobrara				Kinder I	Morgan via C	Cherry Creek C	ompressor	
9/17/201		•				Plug Bac 1513'	k Total Dep	th		Packer S	et at			n -
Casing S 7", 4-1/			Weigi 20#,	ht 11.6#	ţ.	Internal D 9-7/8",			Set at 221', 1555'		Perforations 1352'			TECEIVI
Tubing Si			Weig			Internal C			Set at Perfor		rations To		MAR 07 2 No KCC WICHI	
n/a Type Con Single ((De	scribe)			Type Flui	d Productio	n		Pump Un No	it or Traveling	Plunger? Yes	/ No KCC	_
		(Ann	ulus / Tubin	ig)			arbon Diox	ide		% Nitrog	en	Gas Gr	avity - G	
Annulus			<u> </u>											
Vertical D	epth(H)					Pres	sure Taps				(Meter f	Run) (Prover) Size	3
Pressure	Bulldur	o: 5	Shut in 9/2	21/	20	10 at 9	:00	(AM) (PM)	Taken		20	at	(AM) (PM)	_
Well on L	lne:	•	Started 9/2	27/		10 at 1		\sim					(AM) (PM)	
				<u> </u>	<u> </u>	····	OBSERVE	D SURFAC	E DATA			Duration of Shut-	In 146 Hou	urs
Static /	Oritio	Prover Press		Pressure Differential		Flowing	Well Head	Wallhand	sing Pressure	Tubing Wellhead Pressure		Duration	Liquid Produced	
Dynamic Property	Size (inche			ure	in ches H _s O	Temperature Te	Temperature t	(P _w) or (F	(P_w) or (P_i) or (P_a)		(P ₁) or (P ₂)	(Hours)	(Barrels)	
Shut-In			, , ,	<u> </u>				266	psla	psig	pela			7
Flow			• • • • • •											7
							FLOW ST	REAM ATT	RIBUTES					-
Plate Coeffictient (F _b) (F _b) Mctd		Circle one: Meter or Provar Prossure psia		E)	Press ktension P _m xh	Fac	Gravity Factor F _g		Flowing Dev Temperature Pr Factor Fr		Metered Flow R (Mcfd)	GOA (Cubic Fe Barrei)	Genidhi	
]		
(P _e) ² =		_:	(P _w) ³		:	(OPEN FL		/ERABILITY % (/) CALCUL P _a - 14.4) +		:	(P _a) (P _d)	² = 0.207 ² =	
(P,)*- (P,)*		(P_)*- (P_)*			promutators:	LOG of	Γ٦	Backpressure Curve		1 1 1 1			Open Flow	7
or (P _a)*- (P _a)*			2. P.* P.* avvided by: P.* P.*		formula 1. or 2. and divide by: p 2 - p 2 p 2		A	Assigned Standard Slope		rog [Antilog Deliversbility Equals R x Antilo (Maid)		ig g	
														_
						<u> </u>		<u> </u>	h. Tel.c.			14.44 (P. 4	<u> </u>	
Open Flo				***	ofd Q 14.			Delivera				Mcfd @ 14.65 ps		_
		•	•			•				o make the	•	rt and that he ha	as knowledge of	
ING IACIS S	iaies tr	nerel:	n, and that t	salo rep	OLITI EI TIOC	end comec	n. Execute(inisthe <u> </u>	1	day of	Run	14	, 20 <u></u>	••
			Witness	(ii any)					YM	yun.	ForC	ormany	RECEN	VED.
	<u> </u>		For Com	mission					<u> </u>		Chec	ked by	OCT 1 4	_

	declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request option status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc.
and t	hat the foregoing pressure information and statements contained on this application form are true and
corre	ct to the best of my knowledge and belief based upon available production summaries and lease records
•	uipment installation and/or upon type of completion or upon use being made of the gas well herein named. hereby request a one-year exemption from open flow testing for the Wiese 34-5
	vell on the grounds that said well:
	(Check one)
	is a coalbed methane producer
	is cycled on plunger lift due to water
	ls 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
1	further 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.
	10/8/10
Date:	
Date:	
Date:	
Date:	4
Date:	Signature: Junier Banutt
Date:	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 catendar 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.