KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

:	: en Flov liverabi					(S		tions on Rev	erse Side	API	No. 15 023-21224-0	00-00		
Company Noble Energy, Inc.				Lease Wiese				Well Number 13-5						
County Location Cheyenne NE-SE-NW-SW			Section 5		TWP 4S			W)	Acres Attributed					
Field Cherry C	reek l	Viob	rara Gas A	ırea		Reservoir Niobrara		. ,			hering Conne Morgan via	ection Cherry Creek Co	ompressor	
Complete 9/17/201		•	,			Plug Back 1588'	Total Dep	th		Packer S	Set at		REC	EIVED
Casing Size Weight 7", 4-1/2" 23#, 11.6#					internal 0 9-7/8", (Set at 221', 1632'		rations 4'	To 1462'	MAR n	7 2011	
Tubing Si n/a	20		Weigh	ıt		internal D	lameter	Set at	1	Perfo	rations	То	// 00	7 2011
Type Con Single ((De	scribe)			Type Fluid Saltwat	Production	n	••	Pump Ur No	nit or Traveling	Plunger? Yes /	KCC W	ICHITA
Producing Annulus	_	(Ann	ulus / Tubin	g)		% C	% Carbon Dioxide				leu	Gas Gra	vity - G _e	
Vertical D)				.	Pres	sure Taps				(Meter R	un) (Prover) Size	
			Shut in 9/2	0/		10 _{at} 9:	14							
Pressure			Shut in Started _9/2			10 at 0.						at	,	
Well on L	 		Sianeo		_ 20 _	ar		(AM) (PM)	laken		20	at		
		_	Circle one:	Pressur			OBSERVE	D SURFACE Casir		Τ ,	Tubing	Duration of Shut-in	170 Hours	l
Static / Dynamic Property	Orific Size (inche	,	Meter Prover Press palg (Pm)	Differenti	al To	Flowing imperature 1	Well Head Tamperature t	Wellhead P (P_) or (P,	ressure	Wellho (P _w) o	od Pressure r (P ₁) or (P _e)	Duration (Hours)	Liquid Producad (Barrels)	
Shut-In			7					280	psia	palg	pala			
Flow														•
							FLOW STE	REAM ATTRI	BUTES					•
Plate Coefflec (F _h) (F Mcfd	ient _p)		Girele one: Meter or ver Pressure pala	Pross Extensio	_	Grav Fact F _g	or i	Flowing Temperature Factor F ₁ ,	Fa	riation ector	Metered Flov R (Mctd)	y GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _e	
<u>.</u>			<u> </u>	<u> </u>					<u> </u>			<u> </u>		
(P _s)* =		•	(P_)2 =		. (6	OPEN FLO P. = .		'ERABILITY) % (P.	CALCUL + (14.4 -			(P _a)² (P _a)²	□ 0.207	
(P _a) ^a - (I	- 1	(P	_)*- (P_)*	Choose formula 1 1. Pa²-Pa 2. Pa²-Pa divided by: Pa²-	•	LOG of tormula 1, or 2, and divide by:	P. 1 - P. 2	Backpres Stope	sura Curva e = "n" orignad ignad ird Slopa	$\overline{}$	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo				Mcfd ₽	14.65	psia		Deliverabil	lity			Mold @ 14.65 psis		
		gned	authority, o				tates that h		thorized t		he above repo	ort and that he has		•
the facts a	tated th	rerei	n, and that s	ald report is	lrue e	ind correct	. Executed	this the 8th	<u> </u>	day of _C	October		, 20	
			Witness ((I eny)			<u></u>	_		nmy	len 5	amett	RECEIV	ED
			For Corns	nlasion					U	· · · · · ·	Che	cked by	OCT 14	2010

	r penalty of perjury under the laws of the state of Kansas that I am authorized to request or Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc.
and that the foreg correct to the best of equipment insta I hereby reque	oing 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 lation and/or upon type of completion or upon use being made of the gas well herein named. st a one-year exemption from open flow testing for the Wiese 13-5 unds 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.
Date: 10/8/10	Signature: James Bamest Title: Regulatory Analyst

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.