## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	en Flo				( Test Date		tions on Rev	erse Side	-	No. 15				
De	liverab	oilty								023-21230-0	00-00			
Company Noble Er		Inc					Lease Wiese				3	Wei 4-5	l Number	
County Location Cheyenne NE-NE-SW-SE				Section TWP 5 4S				RNG (E/W) 41W			Acre	es Attributed		
Field Cherry Creek			Reservoir Niobrara				Gas Gathering Connection Southern Star/Kinder Morgan							
Completio 9/17/201		te			Plug Bac 1513'	k Total Dep	th		Packer S	et at				
Casing Size 7", 4-1/2"			Weight 20#, 11.6#		Internal Diameter 9-7/8", 6-1/4"		Set at 221', 1555'		Perforations 1352'		To 1412'			
Tubing Si	ize		Weight		Internal [	Diameter	Set a	t	Perfo	rations	Te	o		
Type Con Single (			escribe)		Type Flui Saltwa	d Productio Iter	n		Pump Un	it or Traveling	Plunger?	Yes /	19	
`	_	•	nulus / Tubing	)	% C	Carbon Diox	ide		% Nitrog	en	G	as Gravit	y - G <sub>9</sub>	
Vertical D	Sin.					Pres	sure Taps				(1)	Meter Bun	) (Prover) Size	
70.110U. D	- opani,	7									***	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, (1 10101) 0,20	
Pressure Buildup: Shut in 2/13			20_13_at_9:00 (AM) (PM) Taken				20 at				(AM) (PM)			
Well on L	.ine:		Started 2/14	<u> </u>	0 <u>13</u> at <u>9</u>	:15	(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of	f Shut-in_	24.25 Hours	
Static / Dynamic : Property	namic Size		Circle one: Meter Prover Pressu		lemperature lemperature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wetthead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duratio (Hours		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0			psig 115	psia	psig	psia				
Flow													·	
						FLOW STE	REAM ATTRI	BUTES	•	•				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P <sub>m</sub> xh	Grav Fac F	or Temperature		Fa	Factor		J Flow GOR (Cubic F id) Barre		Flowing Fluid Gravity G <sub>m</sub>	
					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	.ATIONS			(P <sub>a</sub> ) <sup>2</sup> =	0.207	
P <sub>c</sub> ) <sup>2</sup> =		<u>:</u> :	(P <sub>w</sub> )² =	<u> </u>			% (P	<sub>c</sub> - 14.4) +	+ 14.4 = <u> </u>	<del>:</del>		(P <sub>d</sub> ) <sup>2</sup> = _		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	P <sub>c</sub> )²- (P <sub>w</sub> )²	2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup> LOG of formula				l n x i	_og [	Antilog	e Ec	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				tivided by: $P_c^2 - P_w$	by:		Standa	ard Slope		L J			(мета)	
				-										
Open Flow			Mcfd @ 14.65 psia				Deliverability Mcfd					.65 psia	<del></del>	
		-	••	behalf of the	• •		-			•	ort and that	he has k	nowledge of	
ne facts s	tated t	there	in, and that sa	ild report is true	e and correc	t. Executed	this the 26	<u> </u>	day of D	ecember		•	_ , 20 <u>13</u> .	
			Witness (if	any)						For (	Company	Kr	CC WICH	
			For Comm	ission		· · · · · · · · · · · · · · · · · · ·	-			Che	cked by		- WICE	

l de	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
	the foregoing pressure information and statements contained on this application form are true and
orrect t	o the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the Wiese 34-5
	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
	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date: _1	2/26/2013
	Signature:
	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.

KCC WICHITA

DEC 3 1 2013

RECEIVED