RECEIVED

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

Type Test	:					(	See Instruct	ions on Rev	erse Side	e)					
Ор	en Flo	W				Test Date	<b>,</b> -			API	No. 15				
De:	liverab	ilty				TOST DUTC	•				23-20501-0	00-00			
Company Noble Er		Inc						Lease Zweyga	rdt			24	Well N -32	nwper	
County Cheyenne		Location SESW			Section 32		TWP 3S		RNG (E/W) 41W		Acres Attributed		Attributed		
Field Cherry Creek				***************************************			a			Gas Gathering Connection Southern Star/Kinder M					
Completic 9/9/2003		е		-		Plug Bac	k Total Dept	th		Packer S	et at				
Casing Size 7", 4.5"			Weight 17#, 10.5#			Internal Diameter 9-7/8", 6-1/4"		Set at 307', 1566'		Perforations 1400'		To 14	то 1436'		
Tubing Si	Tubing Size 2-3/8"		Weight 4.7#		Internal Dia 1.995					Perforations		То			
Type Con Single (	•						d Production	n		Pump Un yes	it or Traveling	Plunger?	Yes / No		
			nutus / Tubin	a)			arbon Dioxi	de	<del> </del>	% Nitrog	Rod Pi	Ga	s Gravity -	G.	
Tubing	9 115	(, m.	10.00 / 100	9/		,,,	arbon brom	-		, , , , , , , , , , , , , , , , , , ,		•	· • · · · · · · ·	~g	
Vertical D	Pepth(H	I)·					Pres	sure Taps				(Me	eter Run) (I	Prover) Size	
Pressure	Buildu	p:	Shut in2/5	;	2	0 13 at 3	:30	(AM)(PM)	Taken		20	at		(AM) (PM)	
Well on L	ine:		Started 2/6	<b>.</b>	20	0 <u>13</u> at <u>4</u>	:15	$\overline{}$				at			
							OBSERVE	D SURFACI	DATA			Duration of S	Shut-in 24	.75 Hours	
Static / Dynamic Property	Orifi Siz (inch	е	Circle one: Meter Prover Press		Pressure Differential in	Flowing Temperature t	Well Head Temperature t	Wellhead (P <sub>w</sub> ) or (P	tasing Tubing and Pressure Wellhead Pressure Duration $\{P_t\}$ or $\{P_c\}$ $(P_w)$ or $\{P_t\}$ or $\{P_c\}$ (Hours)		Liqu	uid Produced (Barrels)			
Shut-In			psig (Pm)		Inches H <sub>2</sub> 0			psig 80	psia	psig	psia				
Flow															
<del>,</del>							FLOW STE	REAM ATTR	BUTES						
Coeffied (F <sub>b</sub> ) (F	Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Fac	Gravity Factor F <sub>9</sub>		Temperature F.		viation Metered Flor actor R F <sub>pv</sub> (Mcfd)		GOR bic Feet/ arrel)	Flowing Fluid Gravity G <sub>m</sub>	
L					•				<u> </u>						
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> :	=	:	(OPEN FL P <sub>d</sub> =	, ,	'ERABILITY % (f	) CALCUI <sup>2</sup> 14.4) -		:		$(P_a)^2 = 0.$ $(P_d)^2 = $	207	
(P <sub>c</sub> ) <sup>2</sup> - (I	•	(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	:	ose formula 1 or 2: 1. P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> led by: P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide		Slo <sub>l</sub>	ssure Curv be = *n" or signed ard Slope	n x l	.og	Antilog	ים	Open Flow Bliverability Is R x Antilog (Mcfd)	
Open Flo	w				Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.6	5 psia		
The	unders	igne	d authority, o	on b	ehalf of the	Company,	states that h	ne is duly au				ort and that h	ne has kno		
the facts s	stated t	here	in, and that s	said	report is true	e and correc	t. Executed	this the 2	5	day of _D	ecember			, 20 <u>13</u> .	
			Witness	(if any	y)			-			For	Company	KCC-I	<b>MICHIT</b>	
								_				okad b	-NEA-1	<del>- 1 - 2012 -</del>	
			For Com	ITHSSK	,ii						Che	ecked by	חבר 2	1 2013	

	e under penalty of perjury under the laws of the state of Kansas that I am authorized to request us under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc.
	e foregoing pressure information and statements contained on this application form are true and
of equipme	the best of my knowledge and belief based upon available production summaries and lease records at installation and/or upon type of completion or upon use being made of the gas well herein named.  It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named. It is a constant of the gas well herein named in the gas well herein named. It is a constant of the gas well herein named in the gas well as a constant of the
	the grounds that said well:
l furthe	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  ragree to supply to the best of my ability any and all supporting documents deemed by Commissionessary to corroborate this claim for exemption from testing.
Date: 12/2	
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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.