KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:				(See Ins	tructions o	n Rever	se Side)	•						
Ope	en Flov	v			T4 D-4-					ADI	No. 1	_				
Del	liverabi	lty			Test Date	91					No. 1 023-2	5 20801-0	0-00			
Company Noble Er		Inc.					Lea Zw	se eygard	t					v 41-05	Vell Nu	mber
County Location Cheyenne NENE			Section 5		TWP 4S		RNG (E/W) 41W		•	Acres Attribute		attributed .				
Field Cherry Creek					Reservoir Niobrara				Gas Gathering Connection Southern Star/Kinder Morgan							
Completion Date 10/10/2007				Plug Back Total Depth 1552'					Packer Set at							
Casing Size Weight 17#, 9.5#				Internal [Internal Diameter 9-7/8", 6-1/4"			Set at 302', 1594'		Perforations 1362'			To 1402'			
ubing Size Weight 4.7#				Internal I 1.995		Set at		Perforations			То		<u> </u>			
Type Completion (Describe)				Type Flui	Type Fluid Production Saltwater				Pump Unit or Traveling Plunger? (es) / No							
Single ((Anr	nulus / Tubing))		arbon I	Dioxide			% Nitrog	Ro , en	al Fi	mp	Gas Gra	avity - C	<u> </u>
Tubing	,	V		,					•				•		,	- 0
Vertical D	epth(H)					Pressure Ta	aps				·	((Meter F	Run) (Pi	rover) Size
Pressure	Buildup); ;	Shut in 2/5	2	0_13_at_4	:00	(AM)((PM)) Ta	ken			20	at		(AM) (PM)
Well on Li	ine:	;	Started 2/6	2	0 13 at 4	:15	(AM)	€M)T	ıken	<u></u>		20	at		(AM) (PM)
						OBSE	RVED SUF	RFACE	DATA				Duration of	of Shut-i	in <u>24</u> .	25 Hours
Static / Orifice Dynamic Size Property (inches			Circle one: Meler	Pressure Differential	Flowing Temperature	Well H	ature Wel	Casing Wellhead Pressure		Tubing Wellhead Pressure			Duration Liq (Hours)		uid Produced (Barrels)	
		Prover Pressure		re in Inches H ₂ 0	t	1	(P _w	(P _w) or (P _t) or (P _c)			(P _w) or (P ₁) or (P _e) psig psia					(Hou
Shut-In							65		,							
Flow																
·						FLOW	STREAM A	ATTRIB	UTES							
Coefficient A			Circle one: Meter or er Pressure psia Press Extension ✓ P _m x h		Gravity Factor F _g		Flowing Temperature Factor F _{t1}		Fac	Deviation Factor F _{pv}		Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
(P _c) ² =		_:	(P _w) ² =_	:	(OPEN FL		ELIVERAB %	-	ALCUL 14.4) +			:		(P _a) ² (P _d) ²	= 0.2	07
(P _e) ² - (F or (P _e) ² - (F	·	(P	P _c)²- (P <u>.</u>)²	2. P _c ² - P _d ² 1. P _c ² - P _d ² 2. P _c ² - P _d ² (ivided by: P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P _c ² - P		Slope	ned	n x	LOG		Antik	og	Dei Equals	en Flow iverability i R x Antilog (Mcfd)
		••••														
				Maid A 44	65 ma'-		D-"	ive se Litra					44484	4.65!		
Open Flow		oner	d authority on	Mcfd @ 14.	•	states +1		iverabilit	<u>-</u>	make #	ng ah		Mcfd @ 14	-		ledge of
		_	•	id report is true				•				•	. uno ma	. no na		20 <u>13</u> .
							_								KC	C WICH
			Witness (if	any)			_					For C	ompany			
															1 13	EC 3 1 2(

xempt status und nd that the foreç	ler Rule K.A.R. 82-3 going pressure info	3-304 on behalf of the rmation and stater	ne operator Noble nents contained or	sas that I am authoriz Energy, Inc. this application form ction summaries and	are true and
•		type of completion		made of the gas well h Zweygardt 41-05	nerein named.
	ounds that said we				•
•	is a coalbed meth is cycled on plung is a source of nate is on vacuum at th is not capable of p	ger lift due to water ural gas for injectio ne present time; KC producing at a dail	n into an oil reserve C approval Docket y rate in excess of y and all supportin	No	1 by Commission
Pate: 12/26/13		Signature: _	L	L	

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.