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

	Type Test	:		(See Instructions on Reverse Side)											
Acres Attributed   Acres Attri						Test Date	<b>)</b> :								
Sydene W2-SW-SE-Se 6 4S 41W  Reservoir Rivibrora Gas Gathering Connection Southern StartKinder Morgan  Pley Back Total Depth Packer Set at Start Perforations To 1565  Internal Diameter Set at 254, 1607 1406 1442  Ing Size Weight Internal Diameter Set at Perforations To 178, 11.6# 9-776; 6-1/4" 1.991  Reservoir Saltwater Set at Perforations To 1685  Reservoir Set at Perforations To 178, 11.0# 1.0 Perforations To 179, 11.0 Perforations To 179, 11.0 Perforations To 179, 11.0 Perforation (Diameter Set at 179)  Reservoir Set at Perforations To 179, 11.0 Perforation (Diameter Set at 179)  Reservoir Set at Perforations To 179, 11.0 Perforation (Diameter Set at 179)  Reservoir Set at Perforations To 179, 11.0 Perforation (Diameter Set at 179)  Reservoir Set at Perforations To 179, 11.0 Perforation (Diameter Set at 179)  Reservoir Set at 179, 11.0 Perforation (Diam	Company Noble Energy Inc							man	4						
Process Nicobrare Southern Star/Kinder Morgan projection Date 1565  Plug Back Total Depth 1565  176, 11.6# 9-7.8°, 6-114" 254, 1607 Perforations To 1442' 178, 11.6# 9-7.8°, 6-114" 254, 1607 1406' 1442' 1442' 1991 Perforations To 1442' Perforations T	County Cheyenne									W)	Acres Attributed		tributed		
1565   1565	Field Cherry C	Creek		-									***		
In Size Waight Internal Diameter Set at Perforations To Waight Internal Diameter Set at Perforations To Waight (A.7# 1.991)  Secondary Set (A.	Completion Date 8/19/2008								Packer Set at						
Internal Diameter   Set at   Perforations   To	Casing Size 7, 4-1/2"														
Type Fluid Production SaltWater Yes / No SaltWater / SaltWater	Tubing Size 2-3/8"			Weigh		Internal C			<del></del>		ations	То			
Source Buildup: Shut in 3/18 20 13 at 3:00 (AM) (PM) Taken 20 at (AM) (PM) (PM) Taken 20 at (AM) (PM) (AM) (AM) (PM) (AM) (AM) (PM) (AM) (PM) (AM) (AM) (AM) (PM) (AM) (AM) (AM) (PM) (AM) (AM) (AM) (AM) (AM) (AM) (AM) (A	Гуре Соп		(De			Type Flui		on			g Plunger? Yes / No				
Section   Continue	Producing		(Anr	nulus / Tubing	g)			kide			en	Gas Gravity - G			
Saried   3/19   20   3 at   3:00   (AM) (PM)   Taken   20   at   (AM) (PM)		epth(H	)				Pre	ssure Taps			<del></del>	(Meter	Run) (Pro	over) Size	
Saried   3/19   20   3 at   3:00   (AM) (PM)   Taken   20   at   (AM) (PM)	Pressure	Buildur		Shut in 3/1	8 ,	13 <sub>at</sub> 3	:00		Taken		20	at			
Circle one   Pressure   Pressur		•					3.00								
Comparation   Continue   Prover Pressure   Prover   Pressure   Prover   Pressure   Prover   Pressure   Press					· · · · · · · · · · · · · · · · · · ·		OBSERV	ED SURFAC	E DATA			Duration of Shut-	-in_24	———— —— Hours	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that said report is true and correct. Executed this the acts stated therein, and that said report is true and correct. Executed this the acts and acts stated therein, and that said report is true and correct. Executed this the acts and acts stated therein, and that said report is true and correct. Executed this the acts and acts stated therein, and that said report is true and correct. Executed this the acts and acts acts acts acts acts acts acts acts	Static / Dynamic	namic Siz		Meter	Differential	Temperature	Temperatur	Wellhead	Wellhead Pressure		ad Pressure	1		1 .	
Flate Deficient Prover Prossure Pilothy (Modd)    Post Extension   Prover Prossure Pilothy   Pactor   Prover Prossure Pilothy   Prover	Shut-In	(1110110	-	psig (Pm)	Inches H <sub>2</sub> 0				psia	psig	psia		<del> </del>		
Plate deflicient efficient	Flow		$\dashv$					100			<del></del>		<del>                                     </del>		
Company   Comp							FLOW ST	REAM ATTE	RIBUTES						
P <sub>c</sub> = : (P <sub>w</sub> ) <sup>2</sup> = : P <sub>d</sub> = % (P <sub>c</sub> · 14.4) + 14.4 = : (P <sub>d</sub> ) <sup>2</sup> =	Coeffictient (F <sub>b</sub> ) (F <sub>p</sub> )		Meter or Prover Pressure		Extension	tension Fac		tor Temperature Factor		ctor	R	(Cubic Fe	eV les	Fluid Gravity	
P <sub>c</sub> = : (P <sub>w</sub> ) <sup>2</sup> = : P <sub>d</sub> = % (P <sub>c</sub> · 14.4) + 14.4 = : (P <sub>d</sub> ) <sup>2</sup> = Open Flow Deliverability Equals R x Antilog (Mcfd)  P <sub>c</sub> > 2 · (P <sub>d</sub> ) <sup>2</sup>								· · · · · · · · · · · · · · · · · · ·							
Color (P <sub>a</sub> ) <sup>2</sup> (P <sub>a</sub> ) <sup>2</sup> (P <sub>b</sub> ) <sup>2</sup>	ວ <sub>ເ</sub> )² =		_:	(P_)² =	:	-			-		:			7	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of acts stated therein, and that said report is true and correct. Executed this the	$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P	$(P_c)^2 - (P_w)^2$ 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$		LOG of formula 1. or 2.		Sto As	Stope = "n" or Assigned		.og	Antilog	Deliverability Equals R x Antilog		
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of acts stated therein, and that said report is true and correct. Executed this the															
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acts stated therein, and that said report is true and correct. Executed this the						····	<u>'</u>								
Witness (if any) For Company KCC WICH			-	•				•			•			-	
					·					•					
For Commission Checked by DEC 3 0 201	- Marie II.			Witness (i	f eny)						Fort	Company			
				For Comm	vission			•			Che	cked by	DEC	3 0 201	
RECEIVE													RE	CEIVE	

exempt status und and that the foregoing correct to the best of equipment instantial	er penalty of perjury under the laws of the state of Kansas that I am authorized to request the Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc.  The point pressure information and statements contained on this application form are true and the of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named.  The est a one-year exemption from open flow testing for the Zimbelman 44-6
(Check ☐ ☐ ☐ ☑ ✓ I further agre	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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 12/13/2013	Signature: <u>Auffle</u> muls  Title: <u>Regulatory Analyst</u>

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 0 2013 RECEIVED