KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Deliverability Test Date:	Type Test:	:				(See Ins	tructions or	n Rever	se Side,)						
Lease Rueb Farm 13-15 New Provided Rueb Farm Ru			v			Test Date	r:						40.00	00			
County NWSW 15 Reservoir Field Reservoir Cherry Greek Reservoir Nibotrara Reservoir Nibotrara Reservoir Nibotrara Reservoir Nibotrara Reservoir Nibotrara Reservoir Rinder Morgan Peaker Set at S152007 RECEIV RECEIV RECEIV RECEIV Reservoir Rinder Morgan DEC 0 5 RCC-WICK RECEIV Reservoir Rinder Morgan RCC-WICK RECEIV Reservoir Rinder Morgan RCC-WICK RCC-WI	Company	-															
Producing True (Annolus / Tubing) Pressure Buildup: Started Pressure Property Pressure Pressure Property Pressure Pressure Pressure Property Pressure Pressure Pressure Property Pressure Pressure Pressure Property Pressure Pressure	County								TWP RNG (E/W)				Acres Attributed				
Completion Date Plag Stack Total Light Placker Set at Particular Set at Perforations To	Field										Gas Gathering Connec			tion			
17#, 4-1/2"							k Total I	Depth			Packer S	Set at		······································			
Tubing T										1725'							
Type Completion Clearibe Clear	Tubing Si			Weight		Internal [Internal Diameter					Perforations					
Producing True (Annulus / Tubing) Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size Pressure Buildup: Started 2/28 20 12 at 3:10 (AM) (PM) Taken 20 at (AM) (PM) Well on Line: Started 2/28 20 12 at 3:15 (AM) (PM) Taken 20 at (AM) (PM) Staltic / Dynamic Size Property (Inches) Proper	Type Com	•	(Des		· · · · · · · · · · · · · · · · · · ·	Type Fluid Production											
Pressure Buildup: Shut in 2/27 20 12 at 3:00 (AM) (M) Taken 20 at (AM) (PM)	Producing		Annı	ulus / Tubing)	% (% Nitrogen			Gas Gr	Gas Gravity - G _g		
Value Companies Compani		epth(H)			······································		í	ressure Ta	ıps					(Meter	Run) (P	rover) Size	
State 2/28 20 12 at 3:15 (AM) (PM) Taken 20 at (AM) (PM)	Pressure	Buildup:		hut in _2/27	 2	12 _{at} 3	:00	(AM) ((PM) Ta					at		(AM) (PM)	
Static Orrifice Dynamic Size Property Circle one: Meter Property Circle one: Inches H ₂ 0 Flowing Property The Property Circle one: Inches H ₂ 0 Flowing Property The Property Circle one: Property Circle one: Circle one		·	s	tarted 2/28	2	0_12_at_3	12 at 3:15 (AN			PM Taken							
Static / Orffice Meter / Prover Pressure Flow							OBSE	RVED SUF	FACE [DATA			D	uration of Shut	in_24	.25 Hours	
Shut-in 156 15	Dynamic	nic Size		Meter Prover Pressu	Differential in	Temperature	Tempera	ature (P _w	Wellhead Pressure (P _w) or (P _i) or (P _c)		Wellhead Pressure (P _w) or (P ₁) or (P _c)		.)	i i			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Shut-In	ut-In		psig (rm) Inches H ₂ U							psig	psia					
Plate Coefficient (F _p) (F _p) mater or Prover Pressure psia (OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P _c) ² = : (P _w) ² = : P _d = % (P _c - 14.4) + 14.4 = : (P _d) ² = (P _d) ² = (P _e) ² = P_{e} Deviation Factor F _{pv} Deviation Factor F _{pv} Metered Flow R (Mcfd) Metered	Flow														<u> </u>		
Coefficient $(F_{b})(F_{p})$ Meter or F_{pw}						_[FLOW	STREAM A	ATTRIB	UTES				<u> </u>		1	
(P _c) ² = : (P _w) ² = : P _d = % (P _c - 14.4) + 14.4 = : (P _d) ² = (P _c) ² - (P _g) ² (P _c) ² (P _c) ² (P _c) ² Open Flow or (P _c) ² - (P _d) ² Open Flow or (P _c) ² - (P _d) ² Open Flow or (P _c) ² - (P _d) ² Open Flow or (P _c) ² - (P _d) ² Open Flow or (P _c) ² - P _c Open Flow or (P _c) Open Flow or (P _c)	Coeffieci (F _b) (F	ient ,,)	Meter or Exten		Extension	Factor		Temperature Factor		Factor		R		(Cubic Feet/		Fluid Gravity	
(P _c) ² = : (P _w) ² = : P _d = % (P _c - 14.4) + 14.4 = : (P _d) ² =																	
Choose formula 1 or 2: 1. P _c ² - P _d ² or (P _c) ² - (P _d) ² Open Flow Deliverability Equals R x Antilog (Mcfd)	(P _c) ² =		:	(P _w) ² =	:	•			•				.=			207	
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	(P _c) ² - (F		(P _c) ² - (P _w) ² Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ²		LOG of formula 1, or 2. and divide	LOG of formula 1, or 2. and divide p 2, p 2		Backpressure Curve Slope = "n" oror Assigned		n x LOG			Antilog	Open Flow 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																	
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	Open Flo	w			Mcfd @ 14	.65 psia		Deli	verabilit	v			М	cfd @ 14.65 ps	ia		
the facts stated therein, and that said report is true and correct. Executed this the 30 day of November , 20 12	The u	undersig		•	behalf of the	Company,			-					and that he ha	as knov	vledge of	
	the facts s	tated the	erein	, and that sa	id report is tru	e and correc	t. Exec	uted this th	_{ie} _30_		day of _	lovembe	er —————		1	20 12 .	
Witness (if any) For Company				Witness (ii	any)			_					For Con	npany			
For Commission Checked by				For Comm	ssion								Checke	ed by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Rueb Farm 13-15
gas well 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
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing. Date: 11/30/12
Signature:

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.