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

Type Test	:			(	See Instru	ctions on Heve	erse Side	)			
Ор	en Flow			Test Date	a·			ΔPI	No. 15		
✓ Deliverability				09/10/2012			API No. 15 181-2 <del>024</del> 5 <b>20450 - 0000</b>				
Company LOBO I		JCTION, II	NC.			Lease ARMST	RONG		20,43	3-6	Well Number
County Location SHERMAN NE SE NE			Section 6		TWP 8S		RNG (E/	W)		Acres Attributed	
Field GOODLAND GAS FIELD				Reservoi NIOBF		<u>.</u>			hering Conn PRODUC	ection TION, INC.	NOV 14 KCC WIC
Completion Date 8/26/06				Plug Bac 1149'	k Total De	oth	Packer Set at				10V 14
Casing Size Weight 4.5 11.6#			Internal I 6 1/4"	Internal Diameter Se 6 1/4" 11				To 1031'	VCC MICI		
Tubing Size Weight			internal I	nternal Diameter Set at			Perforations To				
Type Completion (Describe) SINGLE GAS					Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No NO			
Producing Thru (Annulus / Tubing) CASING					% Carbon Dioxide			% Nitrog	en	Gas Gravity - G <sub>9</sub> .5877	
Vertical Depth(H)					Pressure Taps					•	Run) (Prover) Size ETER RUN
Pressure		Shut in _09	)/10	12 at 0	8:00	(AM) (PM)	Taken_09	/11	20	12 <sub>at</sub> 08:30	
Well on L	ine:	Started	2	0 at							(AM) (PM)
					OBSERV	ED SURFACE	DATA			Duration of Shut	-in 24.50 Hour
Static / Dynamic Property	Orifice Size (inches)	I Meter   Ditterential		lemperature lemperatur		Wollhoad Proceuro		Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		Duration (Hours)	Liquid Produced (Barrels)
Shut-In						psig 22			psia		
Flow											
		_ <b>.</b>	<b>L</b>	<u> </u>	FLOW ST	REAM ATTRIE	BUTES		<del>-1</del>	I	
Plate Coeffied (F <sub>b</sub> ) (F	ient <sub>p</sub> ) F	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Gravity Factor		Flowing Temperature Factor F <sub>11</sub>		Deviation Metered Flor Factor R F <sub>pv</sub> (Mcfd)		w GOR (Cubic Fe Barrel)	Gravity
				(OPEN FL	OW) (DELI	VERABILITY)	CALCUL	ATIONS		(P <sub>a</sub> )	) <sup>2</sup> = 0.207
P <sub>c</sub> ) <sup>2</sup> =	<u> </u>	(P <sub>w</sub> ) <sup>2</sup>	=:	P <sub>d</sub> =		_% (P <sub>c</sub>	- 14.4) +	14.4 =	<del></del> :		)2 =
(b°)s-(l		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> - P <sub>g</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub>	P 2 LOG of formula p 2 1. or 2. and divide p 2 p		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flor	w		Mcfd @ 14	.65 psia		Deliverabil	ity			Mcfd @ 14.65 ps	sia
	_		on behalf of the					make th	ie above repo ovemb <b>∉</b> r	ort and that he ha	as knowledge of
e lauts S	iaieu mer	em, and that t	заій терон IS (fu	and correc	a. Execute	u uns ule <u>, , , , , , , , , , , , , , , , , , ,</u>			1/	wi.	//, 20 <u></u>
		Witness	(if any)			_	77	ura	id it	Company	
		*********	···						1010		

## NOV 1 4 2012

	KCC WICHITA
	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator_LOBO PRODUCTION, INC.
	poing pressure information and statements contained on this application form are true and
	of my knowledge and belief based upon available production summaries and lease records
	Illation and/or upon type of completion or upon use being made of the gas well herein named.
	est a one-year exemption from open flow testing for the ARMSTRONG 3-6
	ounds 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.
$\checkmark$	is not capable of producing at a daily rate in excess of 250 mcf/D
l further agree	e to supply to the best of my ability any and all supporting documents deemed by Commissic
staff as necessary	to corroborate this claim for exemption from testing.
14/04/0040	
Date: 11/01/2012	
	Signature: Ruband A. Miller
	Title: OWNER/OPERATOR

## 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.