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

Type Test: (See Instructions on Reverse Side)												
Open Flow				Test Date:								
<b>✓</b> Deliverabilty				Test Date: API No. 15 09/23/2013 181-20						239 <b>-0000</b>		
Company LOBO		UCTION, IN	NC.		Lease We ARMSTRONG 2-2						Well Number	
County Location SHERMAN C NW NW			Section 2		TWP 8S				Acres Attributed			
Field GOODLAND GAS FIELD				Reservoir NIOBRARA			Gas Gathering Connection LOBO PRODUCTIO					
Completion Date 2 /10 / 83				Plug Back Total Depth 1054'				Packer S	et at			
Casing Size Weight 4.5			Internal Diameter			Set at 1062'		rations	То 990'			
Tubing Size Weight			Internal E	Diameter	Set a	Perforations			То			
Type Completion (Describe) SINGLE GAS				Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No NO					
Producing Thru (Annulus / Tubing)				% Carbon Dioxide				% Nitrogen			Gas Gravity - G <sub>g</sub> .5877	
Vertical D	Depth(H)	···· ·· · · · · · · · · · · · · · · ·		Pressure Taps					<del></del>	(Meter I	Run) (Prover) Size	
Pressure	Buildup:	Shut in _09	/23	0 13 at 0	8:30	(AM) (PM)	Taken_09	0/24	20	13 <sub>at</sub> 09:00	(AM) (PM)	
Well on Line: Started20			) at (AM) (PM)			Taken		20	at	(AM) (PM)		
					OBSERVE	D SURFAÇE	DATA			Duration of Shut-	in_24.5 Hours	
Static / Dynamic Property	Orifice		Flowing Well Head Temperature t t		Wellhead F	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		ubing ad Pressure (P <sub>1</sub> ) or (P <sub>2</sub> )	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In	(11101100	psig (Pm)	Inches H <sub>2</sub> 0				psia	psig	psia			
Flow						16				,		
			1		FLOW ST	REAM ATTRI	BUTES	l			<u> </u>	
Coefficient Meter or Extension		Press Extension  Pmxh	Gravity Factor F <sub>g</sub>		Flowing Temperature Factor	perature Facto		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G <sub>m</sub>		
					·				<del></del>	<del></del>		
(P <sub>c</sub> ) <sup>2</sup> =	:	(P <sub>w</sub> ) <sup>2</sup> =		(OPEN FLO		<b>/ERABILITY)</b> % (P.	CALCUL - 14.4) +				? = 0.207 ? =	
		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> Choose 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>s</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup>		LOG of formula 1. or 2.		Backpressure Curve Slope = "n"		e 7.106		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
<del></del>												
Open Flov	Flow Mcfd @ 14.65 psia				Deliverability				Mcfd @ 14.65 psia			
The u	ındersign	ed authority, o	n behalf of the	Company, s	tates that h			make the		rt and that he ha	-	
			aid report is true	and correct	. Executed	this the 1st			ecember	1	, 20 13	
		Witness (	if and	<u> </u>	KCC V	VICHITA	B	reka	A A	Mil		
		***************************************	, wiy)		חבר וו	<b>4</b> 2013		-	For C	ompany UU	<del>-</del>	

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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 LOBO PRODUCTION, 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 ARMSTRONG 2-2
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: 12/01/2013
Signature: Ruchard 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.

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