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

Type Tes	t:	_	_	(	See Instruct	ions on Reve	erse Side	)		-			
Open Flow													
✓ Deliverabilty				Test Date 10/21/2			API No. 15 15-181-20267 <b> 0<i>00</i>0</b>						
Company LOBO PRODUCTION, INC.				Lease ARMSTRON			RONG	Well Number			umber		
County Location SHERMAN SW SW NW				Section 11		TWP RNG (E/W) 8S 40W		Acres Attributed					
Field GOODLAND GAS FIELD			Reservoir NIOBF			Gas Gathering Connectio LOBO PRODUCTIO							
Completion Date 11/14/83			Plug Bac 1245'	k Total Dept	h		Packer S	et at			W •		
Casing Size Weight 4 1/2"			Internal Diameter				Perfo 1212	rations 2'	то 1237'	то 1237'			
Tubing Size Weight			Internal Diameter		Set at		Perforations		То				
Type Completion (Describe) SINGLE GAS			Type Flui	d Production	1	Pump Unit or Traveling I NO			Plunger? Yes / No				
Producing Thru (Annulus / Tubing)				% C	Carbon Dioxi	de	% Nitrogen				Gas Gravity - G <sub>g</sub> 0.5877		
Vertical Depth(H) 1280'			Pressure Taps					·		Run) (F	rover) Size		
			0_13_at_0	, 13 at 0615 (AM) (PM) Tak			·				(AM) (PM)		
Well on L	.ine:	Started	2	0 at		(AM) (PM) 1	aken	<del>.</del>	20	at		(AM) (PM)	
				_	OBSERVE	D SURFACE	DATA		<u> </u>	Duration of Shut	<sub>-in</sub> 25	.25 Hours	
Static / Dynamic Property	Dynamic Size Meter Differential		Flowing Well Head Temperature t		Wellhead P (P <sub>w</sub> ) or (P <sub>t</sub> )	$(P_w)$ or $(P_t)$ or $(P_e)$ $(P_w)$		ubing ad Pressure (P,) or (P <sub>c</sub> )	Duration (Hours)	Duration Liquid Pro			
Shut-In			2			psig 17	psia	psig	psia				
Flow													
					FLOW STR	EAM ATTRIE	UTES						
Plate Coeffiec (F <sub>b</sub> ) (F Mcfd	ient p)	Circle one: Meter or Prover Pressure psia	Press Extension  P <sub>m</sub> x h	Grav Fact	tor T	Flowing emperature Factor F <sub>1t</sub>		ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
		· ;·`	···										
(P <sub>c</sub> ) <sup>2</sup> =		: (P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FLO	OW) (DELIV	E <b>RABILITY)</b> (	CALCULA - 14.4) +			(P <sub>a</sub> )	<sup>2</sup> = 0.2	207	
(P <sub>c</sub> ) <sup>2</sup> - (F		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2.  1. $P_c^2 \cdot P_a^2$ 2. $P_c^2 \cdot P_a^2$ thylded by: $P_c^2 \cdot P_a^2$	LOG of formula 1. or 2. and divids	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Backpress Slope	ure Curve = "n" f*	nxL	og [	Antilog	O Del Equals	pen Flow iverability s R x Antilog (Mcfd)	
Open Flor	wi		Mcfd @ 14.	65 psia		Deliverabili	ty			Mcfd @ 14.65 ps	ia		
The u	ındersigi	ned authority, on	behalf of the	Company, s	tates that he	e is duly auth	orized to	make the		t and that he ha		ledge of	
		rein, and that sa							ecember	- with making the		20 <u>13</u> .	
		Witness (if	any)			WICH!	TA//	cha	A A	Mil			
					UEI.	0.4.2013							

Ç,	•	-	.,

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 1-11A

I hereby request a one-year exemption from open flow testing for the ARMSTRONG 1-11A 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			
$\checkmark$	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:

Title: \_OWNER/OPERATOR

Richard a. Mille

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.

عومو مستوال