KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Tes	it:			(See instruc	tions on He	verse Sia	9)				
L Or	oen Flov	v		Tobt Date				A D1	No. 45			
✓ Deliverabilty				Test Date: 05/31/2011			API No. 15 181-20341-0000					
Company LOBO PRODUCTION, INC.				Lease ARMS			TRONG			Well Number 2-11A		
County Location SHERMAN E/2 NW NE NW			Section 11			RNG (E/W) 40W		(W)	Acres Attributed .			
Field GOODLAND GAS FIELD				Reservoir NIOBRARA			Gas Gathering Conne LOBO PRODUC					
Completion Date 4-9-04			Plug Back Total Depth 1284			Packer Set at						
Casing Size Weight 4 1/2" 11.60#		-	Internal Diameter		Set at 1313'		Perforations 1136'		To 1166'			
Tubing Size Weight			Internal Diameter Set a		nt Perforations			То				
Type Completion (Describe) SINGLE GAS				Type Fluid Production			Pump Unit or Traveling I			Plunger? Yes / No		
Producing Thru (Annulus / Tubing) ANNULUS				% Carbon Dioxide			% Nitrogen			Gas Gravity - G _g .5877		
Vertical Depth(H) T.D 1313'				Pressure Taps						(Meter Run) (Prover) Size 2" METER RUN		
Pressure	Buildup	: Shut in _0	5/31 2	0_11 at_0	6:20	(AM) PM)	Taken_06	5/01	20	11 at 06:30	(AM)(PM)	
Well on L	ine:	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
				٠	OBSERVE	D SURFACI	E DATA		•	Duration of Shut-	24.16 Hours	
Static / Orifice		Meter Prover Pres	Differential in	Flowing Temperature t	mperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing ad Pressure · (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
	(,,,,,,,,,	psig (Pm	n) Inches H ₂ 0		`	psig	psia	psig	psia			
Shut-In						25						
Flow								<u> </u>				
				Τ	FLOW STR	EAM ATTR	BUTES		····			
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fact F _g	or T	Flowing emperature Factor F _{ft}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	v GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G _m	
				(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P _a) ²	= 0.207	
(P _c) ² =		: (P _w) ²		P _d =		% (Р	_c - 14.4) +	14.4 =	:	(P _d) ²	=	
$(P_c)^2 - (P_e)^2$ or $(P_c)^2 - (P_d)^2$		$(P_{c})^{2} - (P_{w})^{2}$ $(P_{c})^{2} - (P_{w})^{2}$ $(P_{c})^{2} - (P_{c})^{2}$ $(P_{c})^{2} - P_{d}^{2}$ $(P_{c})^{2} - P_{c}^{2}$		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x 10G		Antilog ·	Open Flow Deliverability Equals R x Antilog (Mcfd)	
										RE	CEIVED	
Open Flow Mcfd @ 14.6				65 psia	5 psia Deliveral		ility ·		.			
The (undersig	•	on behalf of the	Company, s		e is duly au	thorized to	- 6	e above repo	· · · · · · · · · · · · · · · · · · ·	WICHIJA	
he facts s	tated th	erein, and that	said report is true	and correct	t. Executed	this the 15		day of	ctober	m	, 20 <u>11</u> 	
		Witness	(if any)	1.	<u> </u>		176	Mu	A A	company	eev	

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	– d s
I hereby request a one-year exemption from open flow testing for the ARMSTRONG 2-11A	_
gas well on the grounds that said well:	
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 Commiss staff as necessary to corroborate this claim for exemption from testing.	sion
Date:	-
Signature: Sum A. 3m.Mov. 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.